



USDA FOREST SERVICE

RESEARCH NOTE NC-175

SOUTHERN FOREST EXPERIMENT STATION
LIBRARY

NORTH CENTRAL FOREST EXPERIMENT STATION, FOREST SERVICE—U.S. DEPARTMENT OF AGRICULTURE

Folwell Avenue, St. Paul, Minnesota 55101

1974

PULPWOOD PRODUCTION IN THE LAKE STATES BY COUNTY, 1973

James E. Blyth, *Principal Market Analyst*, and
Jerold T. Hahn, *Mensurationist*

ABSTRACT.--This 28th annual report shows 1973 pulpwood production by county and species group in Michigan, Minnesota, and Wisconsin. Lake States pulpwood production rose to 4.7 million cords in 1973 from 4.3 million cords in 1972.

OXFORD: 861.0(77):792. **KEY WORDS:** residue, Minnesota, Wisconsin, Michigan.

Lake States pulpwood production rose to 4.7 million cords in 1973 from 4.3 million cords in 1972 (table 1). Production advanced 221,000 cords in Wisconsin, 185,000 cords in Michigan, and 23,000 cords in Minnesota.

Nine out of 10 cords were harvested by Lake States loggers; the remainder was mill residue such as slabs, veneer cores, and chips from these materials.

In 1972 only 8 percent of the Lake States pulpwood was mill residue. Most sawmills erected since 1970 in the Lake States are selling their chippable wood residue to pulp mills. In addition, several sawmills have been purchased or built in the Lake States by pulp manufacturing firms during the last 3 years.

Nearly all (94 percent) of the additional pulpwood output above the 1972 level was in hardwoods. Major gains were in aspen (+134,000 cords), miscellaneous hardwoods (+129,000 cords), and in hardwood residue (+92,000 cords). Pine harvesting fell 50,000 cords below the 1972 level, the only important decline.

Significant production increases occurred in western Upper Michigan and northeastern and northwestern Wisconsin. Top-producing counties were Iron, Baraga, and Delta in Michigan; Oneida, Price, and Bayfield in Wisconsin; and St. Louis, Koochiching, and Itasca in Minnesota.

Pulp mills using Lake States timber in 1973 reported their pulpwood receipts by State, county, and species groups. Their cooperation is gratefully acknowledged. Thanks are also due to Al Boelter, Michigan Department of Natural Resources, for collecting the data from pulp mills in Michigan.

TABLE 1.--LAKE STATES PULPWOOD PRODUCTION BY COUNTY AND SPECIES, 1973
(HUNDRED STANDARD CORDS, ROUGHWOOD BASIS)
MICHIGAN

UNIT AND COUNTY	1/ ALL SPECIES	2/ ASPEN	BALSAM	BIRCH	HFW- LOCK	PINE	SPRUCE	TAM- ARACK	MISC. HDWDS.	CEDAR	RESIDUES
E. UPPER PENINSULA											
ALGER	454	50	28	38	29	112	10	3	184	0	
CHIPPEWA	280	40	22	16	23	91	12	3	73	0	
DELTA	932	226	110	46	39	161	122	4	224	0	
LUCE	391	24	34	21	41	138	27	4	102	0	
MACKINAC	164	21	14	12	9	39	6	1	62	0	
MEMOMINEE	722	458	97	11	20	6	45	3	82	0	
SCHOOLCRAFT	701	115	100	42	54	126	57	6	201	0	
TOTAL	3995	934	405	186	215	673	279	24	928	0	351
W. UPPER PENINSULA											
BARAGA	999	395	35	60	73	77	19	6	334	0	
DICKINSON	889	580	19	26	20	38	44	4	138	0	
GOGEPIC	404	156	20	3	108	9	5	1	102	0	
Houghton	323	150	12	6	20	13	4	1	117	0	
IRON	1040	540	81	22	39	38	54	4	262	0	
Keweenaw	6	X	2	X	X	0	0	0	2	0	
Marquette	812	204	67	38	74	173	53	9	194	0	
ONTONAGON	360	226	8	5	27	8	3	1	82	0	
TOTAL	5632	2251	264	160	361	356	184	26	1231	0	799
N. LOWER PENINSULA											
ALcona	461	295	1	31	0	7	X	0	127	0	
ALPENA	170	82	9	24	0	25	1	0	29	0	
ANtrim	14	11	0	1	0	0	0	0	1	0	
ARENA	2	1	0	0	0	0	0	0	1	0	
Benzie	112	63	0	4	0	0	0	0	45	0	
Cheboygan	133	60	1	25	0	21	X	0	26	0	
CLARE	174	121	0	10	0	15	0	0	28	0	
CRAWFORD	151	11	0	0	0	138	0	0	2	0	
GLADWIN	18	11	0	1	0	5	0	0	1	0	
GRAND TRAVERSE	132	102	0	11	0	2	0	0	17	0	
IOSCO	155	4	0	0	0	151	0	0	X	0	
ISARELLA	3	3	0	0	0	0	0	0	X	0	
KALKASKA	118	60	0	5	0	38	0	0	15	0	
LAKF	368	101	0	6	0	52	0	0	209	0	
LEELANAU	27	21	0	1	0	0	0	0	5	0	
MANISTEE	316	168	0	11	0	13	0	0	124	0	
MASON	159	76	0	7	0	1	0	0	75	0	
MECOSTA	209	153	0	2	0	23	0	0	31	0	
MIDLAND	0	X	0	0	0	0	0	0	0	0	
MISSAUKEE	103	75	0	6	0	5	0	0	17	0	
MONTMORENCY	410	166	2	21	0	110	X	0	111	0	
NEWAYGO	301	157	0	3	0	33	0	0	108	0	
OCFANA	91	52	0	1	0	10	0	0	28	0	
OGEMAW	108	49	0	8	0	32	0	0	19	0	
OSCEOLA	260	158	0	2	0	3	0	0	97	0	
OSCODA	474	294	1	28	0	66	X	0	85	0	
OTSFEO	9	3	0	0	0	3	0	0	3	0	
PRFSQUE ISLE	167	92	2	30	0	3	X	0	40	0	
ROSCOMMON	516	303	0	6	0	54	0	0	153	0	
WEXFORD	186	59	0	5	0	70	0	0	52	0	
TOTAL	5560	2751	16	249	0	881	1	0	1449	0	213
S. LOWER PENINSULA											
ALLEGAN	8	3	0	0	0	0	0	0	5	0	
BARRY	2	0	0	0	0	0	0	0	2	0	
BERRIEN	0	0	0	0	0	0	0	0	X	0	
CASS	11	0	0	0	0	10	0	0	1	0	
GRATIOT	7	5	0	0	0	X	0	0	2	0	
IONIA	1	1	0	0	0	0	0	0	X	0	
KALAMAZOO	4	3	0	0	0	0	0	0	1	0	
KENT	2	X	0	0	0	1	0	0	1	0	
LENAWEE	0	0	0	0	0	0	0	0	X	0	
MONTCALM	94	73	0	0	0	3	0	0	18	0	
MUSKEGON	99	7	0	0	0	78	0	0	14	0	
OAKLAND	0	0	0	0	0	0	0	0	X	0	
OTTAWA	34	X	0	0	0	33	0	0	1	0	
SAGINAW	0	X	0	0	0	0	0	0	X	0	
SANILAC	0	X	0	0	0	0	0	0	X	0	
VAN RIJEN	6	5	0	0	0	0	0	0	1	0	
TOTAL	672	97	0	0	0	125	0	0	46	0	404
STATE TOTAL	15859	6033	685	595	576	2035	464	50	3654	0	1767

1/ INCLUDES ONLY THOSE COUNTIES THAT SUPPLIED PULPWOOD IN 1973.
2/ COUNTY FIGURES ARE NOT AVAILABLE.
X=LESS THAN 50 CORDS.

(CONTINUED ON NEXT PAGE)

TABLE 1.--LAKE STATES PULPWOOD PRODUCTION BY COUNTY AND SPECIES, 1973
(HUNDRED STANDARD CORDS, ROUGHWOOD BASIS)
MINNESOTA

UNIT 1/ AND COUNTY	ALL SPECIES	ASPFN	PALEAM	BIRCH	HEN- LOCK	PINE	SPRUCE	TAM- ARACK	MISC. HOWDS.	CEDAR	RESIDUES 2/
NORTHEASTERN											
CARLTON	464	379	5	47	0	22	6	X	5	0	
COOK	292	20	9	0	0	48	200	0	15	0	
LAKE	772	262	4	28	0	277	201	X	0	0	
PINE	153	135	X	4	0	14	X	0	0	0	
ST. LOUIS	3597	2047	113	87	0	774	419	39	118	0	
TOTAL	5457	2843	131	166	0	1135	826	39	138	0	179
CENTRAL PINE											
AITKIN	304	217	6	24	0	9	16	32	0	0	
BECKER	16	2	2	0	0	11	1	0	0	0	
BELTRAMI	945	514	92	75	0	124	122	14	4	0	
CASS	517	295	9	42	0	142	13	16	0	0	
CLEARWATER	312	225	1	8	0	27	30	21	0	0	
CROW WING	144	51	X	4	0	89	0	0	0	0	
HUBBARD	400	283	3	2	0	101	2	9	0	0	
ITASCA	1219	612	167	79	0	118	172	65	6	0	
WADSWORTH	65	8	0	0	0	57	0	0	0	0	
TOTAL	4468	2207	280	234	0	678	356	157	10	0	546
RAINY RIVER											
KOOCHICHING	2773	1362	241	12	0	133	763	104	158	0	
LAKE OF THE WOODS	256	52	2	0	0	31	160	3	8	0	
TOTAL	3155	1414	243	12	0	164	923	107	166	0	126
SOUTHEASTERN											
HENNEPIN	5	0	0	0	0	0	0	0	5	0	
KANABEC	21	21	0	0	0	0	0	0	0	0	
MILLE LACS	198	173	0	7	0	0	X	8	10	0	
MORRISON	57	44	0	2	0	11	0	0	0	0	
TODD	3	0	0	0	0	3	0	0	0	0	
WABASHA	12	0	0	0	0	0	0	0	12	0	
WINONA	19	0	0	0	0	0	0	0	19	0	
TOTAL	528	238	0	9	0	14	0	8	46	0	213
WESTERN PRAIRIE											
MAHONKEN	7	4	0	0	0	0	0	3	0	0	
POLK	31	0	0	0	0	1	23	7	0	0	
ROSFAR	105	19	1	0	0	58	25	2	0	0	
TOTAL	161	23	1	0	0	59	48	12	0	0	18
STATE TOTAL	13769	6725	655	421	0	2050	2153	323	360	0	1082

1/ INCLUDES ONLY THOSE COUNTIES THAT SUPPLIED PULPWOOD IN 1973.
2/ COUNTY FIGURES ARE NOT AVAILABLE.
X=LESS THAN 50 CORDS.

(CONTINUED ON NEXT PAGE)

TABLE 1.--LAKE STATES PULPWOOD PRODUCTION BY COUNTY AND SPECIES, 1973
(HUNDRED STANDARD CORDS, ROUGHWOOD BASIS)
WISCONSIN

UNIT AND COUNTY	1/ ALL SPECIES	2/ ASPFEN	3/ RAISAM	4/ RIPCH	5/ HEM- LOCK	6/ PINE	7/ SPRUCE	8/ TAM- ARACK	9/ MISC. HOWDS.	10/ CEDAR	11/ RESIDUES	12/ TOTAL
NORTHEASTERN												
FLORENCE	477	278	11	7	26	28	6	1	120	0		
FOREST	856	403	83	19	48	37	23	2	241	0		
LANGLADE	658	435	8	16	13	5	3	3	175	0		
LINCOLN	1011	568	39	37	19	102	8	1	237	0		
MARTINETTE	889	595	59	12	8	82	22	X	111	0		
OCONTO	322	259	1	3	9	26	X	X	24	0		
ONEIDA	1396	803	101	77	25	82	34	2	272	0		
SHAWANO 3/	278	119	1	1	56	11	X	X	90	0		
VILAS	804	345	37	128	7	54	7	X	226	0		
TOTAL	7489	3805	340	300	211	427	103	9	1496	0		798
NORTHWESTERN												
ASHLAND	802	376	121	35	17	50	23	1	179	0		
BARON	9	0	0	1	0	0	0	0	8	0		
HAYFIELD	1100	653	22	97	6	258	3	X	61	0		
HUBBETT	158	4	0	1	0	152	0	1	0	0		
DOUGLAS	749	471	3	16	X	239	4	X	16	0		
IRON	649	495	23	42	16	2	5	0	74	0		
POLK	33	5	0	0	0	28	0	0	0	0		
PRICE	1287	801	71	107	16	35	12	X	255	0		
RUSK	148	77	X	7	1	2	0	0	61	0		
SAWYER	455	176	71	63	7	57	9	0	72	0		
TAYLOR	624	224	12	33	32	24	2	X	297	0		
WASHBURN	203	25	1	2	0	154	X	1	20	0		
TOTAL	6549	3307	324	404	95	1001	58	3	1043	0		314
CENTRAL												
ADAMS	367	22	0	X	0	184	0	X	161	0		
CHIPPEWA	57	16	1	5	4	3	0	X	28	0		
CLARK	280	59	X	X	1	38	0	0	182	0		
EAU CLAIRE	21	2	0	0	0	19	0	0	X	0		
JACKSON	249	6	0	X	0	229	0	X	14	0		
JUNEAU	329	45	0	1	0	141	0	0	142	0		
MARATHON	658	226	4	4	9	18	X	0	397	0		
MARQUETTE	97	1	0	0	0	8	0	0	88	0		
MONROE	24	2	0	0	0	17	0	0	5	0		
PORTAGE	178	33	X	X	2	51	X	X	92	0		
WAUPACA	57	14	2	4	X	13	0	0	24	0		
WAUSHARA	79	1	0	0	0	47	X	0	31	0		
WOOD	305	29	X	X	1	80	X	X	195	0		
TOTAL	3010	456	7	14	17	848	0	0	1359	0		309
SOUTHWESTERN												
BUFFALO	1	0	0	0	0	1	0	0	0	0		
DUNK	3	X	0	0	0	3	0	0	X	0		
GRANT	80	12	0	6	0	0	0	0	62	0		
LACROSSE	2	0	0	0	0	2	0	0	0	0		
PERIN	6	0	0	0	0	6	0	0	0	0		
PIERCE	0	X	0	0	0	0	0	0	0	0		
RICHMOND	2	0	0	0	0	2	0	0	0	0		
SAUK	32	16	0	X	0	16	0	0	X	0		
VERNON	0	X	0	0	0	0	0	0	0	0		
TOTAL	352	28	0	6	0	30	0	0	62	0		226
SOUTHEASTERN												
BROWN	34	12	0	0	2	0	0	0	20	0		
COLUMBIA	21	3	0	X	0	11	0	0	7	0		
DANE	7	0	0	0	0	0	0	0	7	0		
FOND DU LAC	0	X	0	0	0	0	0	0	0	0		
GREEN LAKE	0	0	0	0	0	X	0	0	0	0		
MILWAUKEE	2	0	0	0	0	0	0	0	2	0		
OUTAGAMIE	0	0	0	0	0	0	X	0	X	0		
ROCK	0	0	0	0	0	0	0	0	0	0		
WASHINGTON	1	0	0	0	0	0	0	0	1	0		
TOTAL	184	15	0	0	2	11	0	0	37	0		119
STATE TOTAL	17584	7611	671	724	325	2317	161	12	3997	0		1766

1/ INCLUDES ONLY THOSE COUNTIES THAT SUPPLIED PULPWOOD IN 1973.

2/ COUNTY FIGURES ARE NOT AVAILABLE.

3/ INCLUDES MENOMINEE COUNTY.

X=LESS THAN 50 CORDS.