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Bulletin of Hardwood Market Statistics: Summer 1989

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Abstract

This publication provides current and historical information on primary and secondary hardwood product production, prices, international trade, and employment.

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Introduction

This is the fifth in a series of statistical bulletins to be released by the USDA Forest Service, Northeastern Forest Experiment Station. These statistics are for use by hardwood related industries, forest managers, the academic community, and the general public. Current, as well as historical, data are presented for comparison.

Eight tables containing dollar values for imports and exports have been added to this bulletin. A new table containing volume and dollar values for exports of nonconiferous chips also has been included. This information was not available until this year. Other tables will be added as requested or as deemed beneficial to the public.

The 1989 export volume for logs, lumber, veneer, and plywood is being suppressed at this time due to errors in data. These figures should be available in the next issue.

The statistics presented in this bulletin are not inclusive. Specific series were selected based on their completeness and representativeness. For instance, Ohio log and stumpage prices have been included because prices for all major species and log grades have been reported on a biannual basis for over two decades.

We need your opinion to make this series more useful. We need your input on additional data series we can publish and more useful breakdowns of the data that are currently published. Send your comments to Jean W. Nolley; Northeastern Forest Experiment Station; Forestry Sciences Laboratory; Route 2, Box 562-B; Princeton, WV 24740.

Tables Included in This Series of Reports and Frequency of Update

<u>Table Number</u>	<u>Table Title</u>	<u>Frequency of Update</u>
Hardwood Stumpage, Log, and Lumber Prices		
1	Average hardwood stumpage prices in Ohio, biannual, 1975-89	Biannual
2	Prices of red oak logs in Ohio, biannual, 1975-89	Biannual
3	Prices of grade 1 white oak, cherry, and poplar logs in Ohio, biannual, 1975-89	Biannual
4	Air-dried hardwood lumber prices, 1978-89	Quarterly
5	Kiln-dried hardwood lumber prices, 1987-89	Monthly
Hardwood Product Prices, Production, and Employment		
6	Producer price indexes for selected wood industries, 1978-89	Quarterly
7	Total wood household furniture and parts imports (c.i.f.), 1972-88	Yearly
8	Selected production indexes for major hardwood products, 1972-88	Yearly
9	Employment in select hardwood using industries, 1978-89	As available
10	Employment index in select hardwood using industries, 1978-89	As available
International Hardwood Product Trade		
11	International exchange rate, foreign currency per U.S. dollar, 1978-89	Quarterly
12	U.S. hardwood log exports, by country and species, 1978-88	Quarterly
13	U.S. hardwood lumber exports, by country and species, 1978-88	Quarterly
14	U.S. hardwood veneer exports, by country and species, 1978-88	Quarterly

15	U.S. hardwood plywood exports, by country and species, 1978-88	Quarterly
16	U.S. hardwood log imports, by country and species, 1978-89	Quarterly
17	U.S. hardwood lumber imports, by country and species, 1978-89	Quarterly
18	U.S. hardwood veneer imports, by country and species, 1978-89	Quarterly
19	U.S. hardwood plywood imports, by country and species, 1978-89	Quarterly
20	Value of U.S. hardwood furniture imports, by region and product, 1978-89	Quarterly
21	U.S. exports of nonconiferous chips, by region, 1989	Quarterly
22	Value of U.S. hardwood log exports, by region and species, 1978-89	Quarterly
23	Value of U.S. hardwood lumber exports, by region and species, 1978-89	Quarterly
24	Value of U.S. hardwood veneer exports, by region and species, 1978-89	Quarterly
25	Value of U.S. hardwood plywood exports, by region and species, 1978-89	Quarterly
26	Value of U.S. hardwood log imports, by region and species, 1978-89	Quarterly
27	Value of U.S. hardwood lumber imports, by region and species, 1978-89	Quarterly
28	Value of U.S. hardwood veneer imports, by region and species, 1978-89	Quarterly
29	Value of U.S. hardwood plywood imports, by region and species, 1978-89	Quarterly

HARDWOOD STUMPAGE, LOG, AND LUMBER PRICES

Table 1.--Average hardwood stumpage prices in Ohio,
biannual, 1975-89

(Dollars per thousand board feet, Doyle Scale)

Year/season	White oak	Red oak	Cherry	Yellow- poplar
1975/spring	71	64	77	58
1975/fall	72	63	77	58
1976/spring	72	67	75	59
1976/fall	68	67	74	55
1977/spring	89	85	95	65
1977/fall	93	88	93	70
1978/spring	112	108	114	81
1978/fall	131	117	132	85
1979/spring	151	125	166	87
1979/fall	160	142	177	95
1980/spring	133	122	143	77
1980/fall	148	135	166	81
1981/spring	149	142	161	93
1981/fall	130	134	148	84
1982/spring	135	130	145	82
1982/fall	142	145	144	86
1983/spring	147	145	162	89
1983/fall	174	172	185	99
1984/spring	164	184	180	102
1984/fall	169	181	183	107
1985/spring	163	168	180	94
1985/fall	168	180	176	101
1986/spring	NA	NA	NA	NA
1986/fall	191	213	212	113
1987/spring	188	221	205	111
1987/fall	211	252	234	118
1988/spring	215	269	265	126
1988/fall	203	256	261	109
1989/spring	263	291	249	116

NA - Not available.

Source: Ohio Agricultural Statistics Service, Columbus,
Ohio.

Table 2.--Prices of red oak logs in Ohio, biannual, 1975-89
(Dollars per thousand board feet, Doyle Scale)

Year/season	Average all grades	Grade 1 16 inches	Grade 1	Grade 2	Grade 3
1975/spring	113	161	127	95	70
1975/fall	118	183	137	98	74
1976/spring	130	205	146	110	84
1976/fall	142	224	158	119	90
1977/spring	141	258	184	127	94
1977/fall	162	268	190	126	91
1978/spring	181	308	217	151	103
1978/fall	197	332	247	168	117
1979/spring	197	371	277	183	123
1979/fall	209	363	256	176	119
1980/spring	193	332	252	170	113
1980/fall	203	320	241	165	111
1981/spring	216	324	247	168	110
1981/fall	202	339	237	161	100
1982/spring	203	351	250	170	110
1982/fall	277	356	257	173	112
1983/spring	245	385	285	184	111
1983/fall	273	441	301	195	118
1984/spring	322	476	348	193	133
1984/fall	293	465	327	194	124
1985/spring	278	447	326	184	116
1985/fall	303	479	347	211	124
1986/spring	284	469	324	196	119
1986/fall	310	519	370	230	121
1987/spring	306	550	392	228	121
1987/fall	333	608	446	248	130
1988/spring	317	614	437	280	121
1988/fall	339	613	449	266	125
1989/spring	417	630	424	244	123

Source: Ohio Agricultural Statistics Service, Columbus, Ohio.

**Table 3.--Prices of grade 1 white oak, cherry,
and poplar logs in Ohio, biannual, 1975-89**
(Dollars per thousand board feet, Doyle Scale)

Year/season	Grade 1		
	White oak	Cherry	Poplar
1975/spring	131	143	110
1975/fall	140	162	121
1976/spring	153	169	130
1976/fall	165	187	132
1977/spring	181	208	141
1977/fall	197	214	143
1978/spring	217	256	159
1978/fall	250	290	175
1979/spring	280	309	179
1979/fall	261	294	165
1980/spring	258	270	160
1980/fall	270	283	161
1981/spring	281	300	176
1981/fall	232	263	175
1982/spring	240	272	162
1982/fall	242	283	166
1983/spring	252	287	164
1983/fall	270	305	166
1984/spring	288	373	166
1984/fall	301	328	177
1985/spring	277	308	173
1985/fall	269	312	166
1986/spring	256	308	175
1986/fall	294	335	172
1987/spring	316	336	171
1987/fall	359	390	180
1988/spring	364	406	169
1988/fall	381	402	176
1989/spring	396	398	180

Source: Ohio Agricultural Statistics Service,
Columbus, Ohio.

Table 4.--Air-dried hardwood lumber prices, 1978-89
(Dollars per thousand board feet)

Year	4/4 Appalachian red oak 1C	4/4 Poplar 1C	4/4 Cherry 1C	4/4 Northern hard maple 1C	4/4 Northern soft maple 1C
1978	378	251	535	290	281
1979	410	272	600	328	318
1980	350	257	585	336	303
1981	371	278	580	335	290
1982	394	273	570	330	290
1983	481	260	570	320	290
1984	588	260	610	323	301
1985	484	267	605	300	305
1986	483	301	615	284	305
1987	593	312	629	300	305
1988:					
1st quarter	635	300	725	325	305
2nd quarter	635	300	780	355	315
3rd quarter	625	295	840	375	315
4th quarter	570	290	840	395	315
1989:					
1st quarter	535	290	830	395	315
2nd quarter	535	290	810	395	315

Source: By permission from the Hardwood Market Report, Memphis, TN.

Table 5.--Kiln-dried hardwood lumber prices, 1987-89
(Dollars per thousand board feet)

Date	4/4 Appalachian red oak 1C	4/4 Poplar 1C	4/4 Cherry 1C	4/4 Northern hard maple 1C	4/4 Northern soft maple 1C
12/86	760-820	NA	NA	NA	NA
1/87	740-850	NA	NA	NA	NA
2/87	760-865	NA	750-770	NA	NA
3/87	825-880	NA	NA	560-600	NA
4/87	NA	NA	690-725	340-390	NA
5/87	875-950	350-410	NA	370-400	NA
6/87	850-940	340-400	740-815	380-460	NA
7/87	850-940	340-400	740-815	380-460	390-440
8/87	850-940	340-400	760-820	380-460	390-440
9/87	875-995	340-400	775-835	380-460	390-440
10/87	875-995	340-400	825-900	380-460	390-440
11/87	850-1010	340-400	875-950	380-460	390-440
12/87	850-1010	340-400	900-975	380-460	390-440
1/88	835-995	340-400	920-1020	495-570	410-485
2/88	815-975	340-400	920-1020	495-570	410-485
3/88	815-975	340-400	960-1060	495-570	410-485
4/88	815-955	340-400	970-1070	495-570	410-485
5/88	805-945	340-400	1000-1010	450-540	390-440
6/88	800-935	340-400	990-1090	450-540	400-450
7/88	765-900	320-380	990-1090	460-550	400-450
8/88	765-900	320-380	990-1090	460-550	400-450
9/88	730-865	320-380	990-1090	465-555	400-450
10/88	695-820	320-370	970-1070	465-555	400-450
11/88	675-800	320-370	950-1050	465-555	400-450
12/88	665-790	320-370	950-1050	465-555	400-450
1/89	665-790	320-370	950-1050	465-555	400-450
2/89	665-790	320-370	950-1050	465-555	400-450
3/89	665-795	320-370	925-1025	465-555	400-450
4/89	685-815	320-370	925-1000	465-555	400-450
5/89	695-825	320-370	910-985	465-555	400-450
6/89	695-825	330-380	890-965	465-555	400-450
7/89	695-825	330-380	890-965	465-555	400-450
8/89	695-825	335-385	870-945	475-565	400-450

NA - Not available.

Source: Weekly Hardwood Review, Charlotte, NC.

HARDWOOD PRODUCT PRICES, PRODUCTION, AND EMPLOYMENT

Table 6.--Producer price indexes for selected wood industries, 1978-89
(1982=100)

Year	Hardwood dimension	Wood kitchen cabinets	Wood household furniture	Upholstered household furniture	Wood office furniture
1978	NA	76.2	71.9	78.7	71.8
1979	NA	83.1	78.2	82.6	79.6
1980	NA	90.8	88.3	90.3	87.0
1981	97.4	96.1	95.3	95.8	94.0
1982	100.0	100.0	100.0	100.0	100.0
1983	102.9	100.6	103.3	102.1	104.1
1984	114.4	103.7	107.9	104.3	108.6
1985	115.6	105.1	111.2	108.1	113.4
1986	115.8	107.2	113.6	109.4	117.5
1987	121.0	109.7	117.2	111.9	121.4
1988:					
1st quarter	124.5	113.1	121.3	116.0	124.0
2nd quarter	125.7	114.4	122.1	116.7	125.1
3rd quarter	128.1	115.6	123.1	117.5	126.1
4th quarter	129.1r	115.6r	124.5	118.2r	127.0r
1989:					
1st quarter	129.0	117.1	125.9	118.9	127.0
2nd quarter	129.2	118.0	127.4	119.8	128.2

r - revised figure.

NA - Not available.

Source: Producer Price Indexes, U.S. Department of Labor, Bureau of Labor Statistics.

Table 7.--Total wood household furniture and parts imports (c.i.f.), 1972-88
(In millions of dollars)

Year	Value of ^a domestic wood furniture shipments (actual \$)	Value of ^a domestic wood furniture shipments (1982 \$)	Value of ^b wood furniture imports (actual \$)	Value of wood ^c furniture imports (1982 \$)	Ratio of ^d imports to domestic production
1972	2870	5657	137	284	.05
1973	3201	6011	184	359	.06
1974	3381	5382	220	384	.07
1975	3095	4539	182	301	.06
1976	3780	5106	258	402	.07
1977	4140	5781	322	478	.08
1978	4864	6400	463	637	.10
1979	4942	6000	560	710	.11
1980	5009	5529	581	656	.12
1981	5322	5472	663	695	.12
1982	5057	4846	727	727	.14
1983	5702	5228	953	913	.17
1984	6163	5633	1310	1197	.19
1985	6728	5556	1739	1541	.23
1986	7238	5823	1937	1680	.27
1987	7993	6230	2115	1787	.26
1988	8424	6260	2105	1564	.25

^aSource: U.S. Department of Commerce, International Trade Administration.

^bSource: U.S. Department of Commerce, Bureau of the Census.

^cDeflated by wood furniture price index reported in U.S. Industrial Outlook.

^dDeveloped from columns 1 and 3.

Table 8.--Selected production indexes for major
hardwood products, 1972-88
(1972=100)

Year	Wood ^a pallets	Oak strip ^b flooring	Wood ^c furniture
1972	100.0	100.0	100.0
1973	119.4	70.7	106.3
1974	132.3	41.5	95.1
1975	102.6	37.4	80.2
1976	126.5	41.7	90.3
1977	152.3	42.1	102.2
1978	174.2	40.7	113.1
1979	191.0	37.0	106.1
1980	166.5	29.9	97.7
1981	162.6	31.8	96.7
1982	147.1	28.7	85.7
1983	166.5	37.6	92.4
1984	196.1	42.0	99.6
1985	216.1	46.6	98.2
1986	240.6	55.6	102.9
1987	270.0	66.6	110.1
1988	301.1	74.2	110.6

^a Derived from National Wooden Pallet and
Container Association statistics.

^b Derived from National Oak Flooring
Manufacturers Association statistics.

^c Derived from U.S. Industrial Outlook, 1988.

Table 9.--Employment in select hardwood using industries, 1978-89
(In thousands)

Year	Wood pallets and containers (SIC 244)	Upholstered household furniture (SIC 2512)	Wood household furniture (SIC 2511)	Wood kitchen cabinets (SIC 2434)	Hardwood dimension and flooring (SIC 2426)
1978	44.4	102.0	147.9	50.0	33.7
1979	46.9	101.7	147.4	54.1	34.3
1980	42.5	92.3	135.0	48.4	30.8
1981	41.2	89.4	133.5	47.0	29.5
1982	37.6	82.2	121.6	42.0	25.5
1983	37.8	86.2	125.7	48.7	28.3
1984	41.0	91.6	132.8	57.0	31.9
1985	40.9	91.6	132.3	60.4	31.4
1986	40.8	93.4	132.0	65.4	32.1
1987	41.9	98.4	137.2	70.9	34.0
1988:					
1st quarter	42.0	100.8	140.2	70.8	35.6
2nd quarter	44.4	99.5	138.6	72.4	35.2
3rd quarter	44.2	99.6	136.3	73.3	34.4
4th quarter	42.9	101.6	139.6	72.5	35.1
1989:					
1st quarter	42.7	101.9	138.7	71.6	35.4
2nd quarter	43.8	102.1	137.8	72.6	35.6

Source: U.S. Department of Labor.

Table 10.--Employment index in select hardwood-using industries, 1978-89
(1978=100)

Year	Wood pallets and containers (SIC 244)	Upholstered household furniture (SIC 2512)	Wood household furniture (SIC 2511)	Wood kitchen cabinets (SIC 2434)	Hardwood dimension and flooring (SIC 2426)
1978	100.0	100.0	100.0	100.0	100.0
1979	105.6	99.7	99.7	108.2	101.8
1980	95.7	90.5	91.3	96.8	91.4
1981	92.8	87.6	90.3	94.0	87.5
1982	84.7	80.6	82.2	84.0	75.7
1983	85.1	84.5	85.0	97.4	84.0
1984	92.3	89.8	89.8	114.0	94.7
1985	92.1	89.8	89.5	120.8	93.2
1986	91.9	91.6	89.2	130.8	95.3
1987	94.4	96.5	92.8	141.8	100.9
1988:					
1st quarter	94.6	98.8	94.8	141.6	105.6
2nd quarter	100.0	97.5	93.7	144.8	104.5
3rd quarter	99.5	97.6	92.2	146.6	102.1
4th quarter	96.6	99.6	94.4	145.0	104.2
1989:					
1st quarter	96.2	99.9	93.8	143.2	105.0
2nd quarter	98.6	100.1	93.2	145.2	105.6

Source: U.S. Department of Labor.

Table 13.--U.S. hardwood lumber exports by region and species, 1978-88
(Thousand board feet)

Year	Central & South America and Caribbean								
	Canada			Central & South America and Caribbean			Western Europe		
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
1978	156,077	80,990	14,186	10,918	1,519	448	97,062	42,807	38,877
1979	163,396	81,888	8,918	11,423	2,330	96	109,159	53,992	34,311
1980	155,482	75,363	10,750	15,366	3,300	585	160,190	71,771	56,186
1981	163,373	87,807	7,560	14,964	4,259	502	159,024	81,347	47,389
1982	123,348	70,291	5,426	15,551	5,691	891	158,369	76,720	49,343
1983	187,885	101,882	8,084	15,286	7,537	377	165,082	71,700	60,146
1984	176,634	100,271	9,563	21,985	10,102	988	131,536	55,197	52,136
1985	130,558	76,341	6,077	21,918	9,899	2,086	110,498	46,638	41,707
1986	149,037	95,518	5,707	31,048	11,973	986	145,374	51,061	59,911
1987	202,159	124,131	9,074	44,827	22,915	1,786	222,649	77,885	81,517
1988:									
1st quarter	72,042	46,476	2,899	12,304	6,069	354	94,681	37,353	27,389
2nd quarter	69,148	38,493	4,063	15,940	6,093	1,078	111,864	42,414	29,707
3rd quarter	63,215	37,121	2,867	19,447	11,641	538	100,941	41,303	28,530
4th quarter	55,358	31,010	2,809	16,574	8,628	1,144	101,828	37,562	28,437
Total 1988	259,763	153,100	12,638	64,265	32,431	3,114	409,314	158,632	114,063
1989:									
1st quarter	NA	NA	NA	NA	NA	NA	NA	NA	NA
2nd quarter	NA	NA	NA	NA	NA	NA	NA	NA	NA
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--

Year	Asia			All other			Total		
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
1978	5,442	539	2,327	1,001	196	110	270,500	126,051	55,948
1979	8,800	3,211	1,570	1,467	745	87	294,245	142,166	44,982
1980	21,767	2,221	8,761	2,524	924	773	355,329	153,579	77,055
1981	36,765	10,165	10,278	4,495	1,547	1,576	378,621	185,125	67,305
1982	31,417	10,664	7,620	5,619	3,469	974	334,304	166,835	64,254
1983	69,025	23,926	13,716	10,711	5,674	2,840	447,989	210,719	85,163
1984	102,651	41,066	17,233	8,386	3,629	3,000	441,192	210,265	82,920
1985	102,032	46,282	11,977	7,597	2,841	3,470	372,603	182,001	65,317
1986	165,716	85,390	20,952	7,109	3,213	2,404	498,284	247,155	89,960
1987	242,653	101,766	28,173	13,645	6,271	5,092	725,933	332,968	125,642
1988:									
1st quarter	81,291	28,978	5,997	7,014	4,098	1,885	267,332	122,974	38,524
2nd quarter	94,750	29,898	7,410	3,803	1,442	1,086	295,505	118,340	43,344
3rd quarter	120,130	50,316	8,190	4,325	1,629	1,440	308,058	142,010	41,565
4th quarter	114,243	49,992	8,594	4,913	1,758	2,071	292,916	128,950	43,055
Total 1988	410,414	159,184	30,191	20,055	8,927	6,482	1,163,811	512,274	166,488
1989:									
1st quarter	NA	NA	NA	NA	NA	NA	NA	NA	NA
2nd quarter	NA	NA	NA	NA	NA	NA	NA	NA	NA
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--

NA - Not available. See Introduction, paragraph 3.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 14.--U.S. hardwood veneer exports, by region and species, 1978-88
(Thousand square feet)

Year	Canada			Central & South America and Caribbean			Western Europe		
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
1978	105,076	18,836	4,475	16,910	598	0	744,588	46,502	397,682
1979	76,931	21,489	2,106	2,884	453	53	749,105	45,101	446,306
1980	88,500	23,890	3,035	48,525	996	1,031	912,171	91,308	503,282
1981	126,350	25,265	5,788	55,750	675	2,970	667,693	69,110	383,889
1982	93,685	29,016	4,451	19,874	1,429	233	613,115	85,536	360,966
1983	171,859	53,663	5,854	13,454	1,239	1,187	738,783	140,018	371,557
1984	211,152	79,264	24,680	28,309	1,779	1,753	630,179	116,774	346,915
1985	145,476	33,752	15,293	19,234	2,415	553	484,032	102,893	241,419
1986	143,199	33,806	7,456	31,596	1,847	1,877	599,002	119,965	340,418
1987	311,316	68,770	12,551	19,177	416	3,857	835,372	167,377	482,582
1988:									
1st quarter	53,540	8,509	3,379	5,465	222	414	188,866	31,719	125,944
2nd quarter	61,799	12,331	1,648	2,814	381	1,120	260,083	48,592	158,861
3rd quarter	60,334	12,804	2,227	6,066	1,072	1,827	197,105	54,625	123,854
4th quarter	51,891	22,189	2,593	3,726	568	1,214	263,452	69,191	162,625
Total 1988	227,564	55,833	9,847	18,071	2,243	4,575	909,506	204,127	571,284
1989:									
1st quarter	NA	NA	NA	NA	NA	NA	NA	NA	NA
2nd quarter	NA	NA	NA	NA	NA	NA	NA	NA	NA
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--

Year	Asia			All other			Total		
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
1978	31,137	2,946	3,274	9,289	17	1,753	907,000	68,899	407,184
1979	29,111	3,074	2,462	7,050	106	854	865,081	70,223	451,781
1980	17,995	2,983	1,480	10,171	883	2,352	1,077,361	120,060	511,180
1981	50,327	11,934	5,611	19,493	419	3,553	919,613	107,403	401,811
1982	66,206	24,653	3,594	11,767	324	2,697	804,647	140,958	371,941
1983	88,254	40,504	4,630	11,419	1,457	4,256	1,023,769	236,881	387,484
1984	114,512	52,053	6,807	30,407	248	5,760	1,014,559	250,118	385,915
1985	124,669	66,419	7,591	19,303	3,688	7,521	792,714	209,167	272,377
1986	201,434	74,507	42,802	20,532	6,193	10,407	995,763	236,318	402,960
1987	196,544	57,189	47,978	21,249	2,754	13,881	1,384,658	296,506	560,845
1988:									
1st quarter	101,148	20,613	17,407	2,109	568	851	351,728	61,631	147,995
2nd quarter	120,061	23,590	34,376	7,218	656	5,006	452,055	85,550	201,011
3rd quarter	97,184	22,653	23,517	1,875	497	1,161	362,564	91,651	152,581
4th quarter	75,226	25,934	21,754	13,617	4,006	8,240	407,912	121,888	196,421
Total 1988	393,619	92,790	97,054	25,499	5,727	15,258	1,574,259	360,720	698,011
1989:									
1st quarter	NA	NA	NA	NA	NA	NA	NA	NA	N
2nd quarter	NA	NA	NA	NA	NA	NA	NA	NA	N
3rd quarter	--	--	--	--	--	--	--	--	-
4th quarter	--	--	--	--	--	--	--	--	-
Total 1989	--	--	--	--	--	--	--	--	-

NA - Not available. See introduction, paragraph 3.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 15.--U.S. hardwood plywood exports, by region and species, 1978-88
(Thousand square feet)

Year	Canada			Central & South America and Caribbean			Western Europe		
	Total	Birch	Oak	Total	Birch	Oak	Total	Birch	Oak
1978	22,399	1,117	487	5,375	1,414	122	3,535	53	350
1979	21,898	698	2,148	6,493	945	42	2,767	390	29
1980	18,017	2,113	3,462	15,474	2,943	527	7,663	74	1,093
1981	31,007	8,652	9,322	17,245	3,477	1,511	2,266	475	491
1982	18,833	5,231	8,327	16,192	2,463	443	2,977	141	2,053
1983	22,541	3,797	11,618	11,507	1,638	216	4,831	107	4,567
1984	15,308	3,087	6,029	13,853	1,997	777	4,676	155	3,941
1985	16,754	3,775	4,586	17,198	2,274	1,346	2,927	0	1,060
1986	25,370	3,163	7,002	16,711	1,731	1,352	11,249	1,896	218
1987	18,631	2,056	6,593	27,767	3,962	4,210	10,229	0	1,204
1988:									
1st quarter	7,158	600	3,960	14,303	4,172	713	2,792	385	572
2nd quarter	7,754	514	5,441	12,999	3,286	1,036	7,611	376	402
3rd quarter	8,384	430	4,531	12,919	3,574	455	4,670	34	1,196
4th quarter	5,400	620	2,508	11,624	2,319	584	1,186	0	248
Total 1988	28,696	2,164	16,440	51,845	13,351	2,788	16,259	795	2,418
1989:									
1st quarter	NA	NA	NA	NA	NA	NA	NA	NA	NA
2nd quarter	NA	NA	NA	NA	NA	NA	NA	NA	NA
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--

Year	Asia			All other			Total		
	Total	Birch	Oak	Total	Birch	Oak	Total	Birch	Oak
1978	3,081	990	48	1,289	289	0	35,679	3,863	1,007
1979	1,366	199	396	941	709	0	33,465	2,941	2,615
1980	3,813	542	455	1,159	678	0	46,126	6,350	5,537
1981	2,304	197	670	2,183	1,085	152	55,005	13,886	12,146
1982	2,586	619	279	672	393	21	41,260	8,847	11,123
1983	1,269	190	314	987	598	338	41,135	6,330	17,053
1984	2,003	12	2	818	470	0	36,658	5,721	10,749
1985	6,515	979	562	629	212	0	44,023	7,240	7,554
1986	6,918	0	307	193	20	18	60,441	6,810	8,897
1987	2,678	452	204	255	46	0	59,560	6,516	12,211
1988:									
1st quarter	1,713	412	0	163	87	0	26,129	5,656	5,245
2nd quarter	1,231	332	0	114	63	0	29,709	4,571	6,879
3rd quarter	1,346	0	0	96	0	0	27,415	4,038	6,182
4th quarter	1,979	621	181	358	161	0	20,547	3,721	3,521
Total 1988	6,269	1,365	181	731	311	0	103,800	17,986	21,827
1989:									
1st quarter	NA	NA	NA	NA	NA	NA	NA	NA	NA
2nd quarter	NA	NA	NA	NA	NA	NA	NA	NA	NA
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--

NA - Not available. See introduction, paragraph 3.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 16.--U.S. hardwood log imports, by region and species, 1978-89
(Thousand board feet)

Year	Africa		Asia		Canada		South America	
	Total	Mahogany	Total	Philippine Mahogany	Total	Birch/maple	Total	Mahogany
1978	4,105	1,049	465	3	11,899	9,088	1,063	0
1979	1,406	1,009	1,048	315	10,198	8,416	265	44
1980	1,347	900	154	18	10,225	7,403	188	0
1981	708	600	557	0	11,821	8,665	370	2
1982	916	795	387	11	16,807	10,172	126	8
1983	332	249	1,746	263	19,277	5,061	904	35
1984	654	369	1,794	280	26,727	4,395	316	96
1985	1,379	157	13,891	304	10,353	2,905	578	118
1986	1,211	1,197	5,351	1,554	9,168	2,997	182	0
1987	318	220	1,931	252	7,313	3,722	383	108
1988:								
1st quarter	1,358	1,324	392	0	2,262	1,370	125	35
2nd quarter	53	0	262	0	1,147	491	60	41
3rd quarter	12	0	650	0	1,735	1,078	293	254
4th quarter	25	0	1,255	0	1,735	819	145	0
Total 1988	1,448	1,324	2,559	0	6,879	3,758	623	330
1989:								
1st quarter	1,190	350	2,879	2,225	5,061	3,101	520	0
2nd quarter	839	648	2,917	2,048	3,240	1,928	1,651	0
3rd quarter	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--

Year	All others				Total*			
	Total	Birch/maple	Philippine mahogany	Mahogany	Total	Birch/maple	Mahogany	Philippine mahogany
1978	253	0	0	11	17,785	9,088	1,060	3
1979	1,651	4	0	0	14,568	8,420	1,053	315
1980	1,529	0	0	110	13,443	7,403	1,013	18
1981	88	5	0	0	13,544	8,670	611	0
1982	32	0	0	0	18,268	10,172	803	11
1983	279	0	0	3	22,538	5,061	321	263
1984	596	0	0	55	30,087	4,400	520	280
1985	391	1	0	43	26,592	2,906	331	304
1986	10,446	29	0	63	26,358	3,026	1,260	1,554
1987	3,898	49	0	0	13,843	3,775	328	252
1988:								
1st quarter	129	0	0	0	4,266	1,424	1,359	0
2nd quarter	151	0	0	0	1,673	491	41	0
3rd quarter	183	0	0	0	2,873	1,078	295	0
4th quarter	234	0	0	0	3,394	819	0	0
Total 1988	697	0	0	0	12,206	3,812	1,695	0
1989:								
1st quarter	582	8	65	0	10,232	3,110	350	2,299
2nd quarter	161	6	37	5	8,808	1,934	684	2,125
3rd quarter	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--

* Totals may not reflect sums of regions due to omission of small amounts of species not included in regional breakdowns.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 17.--U.S. hardwood lumber imports, by region and species, 1978-89 (cont'd)
(Thousand board feet)

Year	South America				All other				Total			
	Total		Philippine Birch/		Total		Philippine Birch/		Total		Philippine Birch/	
	Mahogany	mahogany	mahogany	maple	Mahogany	mahogany	mahogany	maple	Mahogany	mahogany	mahogany	maple
1978	110,600	24,782	0	16	1,875	0	0	40	322,048	27,936	54,406	74,362
1979	111,487	27,217	36	14	2,091	16	0	84	332,876	29,739	57,006	55,149
1980	120,415	40,518	23	0	4,090	199	19	15	265,090	41,999	46,986	47,810
1981	105,648	41,966	0	1	2,758	5	0	560	260,851	42,739	39,353	41,976
1982	66,060	25,962	384	0	2,191	12	21	175	186,899	26,848	18,508	32,463
1983	85,975	40,124	799	0	2,621	98	1	29	231,271	40,920	39,481	31,157
1984	94,775	46,301	9	19	6,324	630	169	42	281,886	47,926	48,222	32,155
1985	102,088	57,893	260	18	8,825	2,225	0	1,355	311,997	61,699	43,134	33,955
1986	96,656	51,584	0	48	6,737	435	0	1,914	290,401	55,210	36,064	47,397
1987	186,290	129,217	163	1	5,426	687	10	508	447,811	135,796	45,445	50,898
1988												
1st quarter	36,474	21,964	58	0	1,290	101	0	21	93,973	23,179	8,332	15,215
2nd quarter	23,760	8,878	0	85	1,264	48	0	10	77,810	9,563	5,865	12,735
3rd quarter	27,439	15,015	0	0	1,036	8	0	90	84,705	15,609	9,561	11,601
4th quarter	24,642	10,122	0	0	1,974	83	0	37	77,194	11,041	7,918	9,733
Total 1988	109,315	55,979	58	85	5,564	240	0	158	333,682	59,392	31,676	49,284
1989												
1st quarter	24,019	13,160	0	0	1,369	1	0	645	79,885	13,669	9,787	12,274
2nd quarter	21,248	9,811	2,422	1	1,473	76	0	10	71,107	10,464	10,344	10,528
3rd quarter	--	--	--	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--	--	--	--

Source: U.S. Department of Commerce, Bureau of the Census.

Table 18.--U.S. hardwood veneer imports, by region and species, 1978-89 (cont'd)
(Million square feet)

Year	Other Asia				All other				Total			
	Birch/		Philippine		Birch/		Philippine		Birch/		Philippine	
	Total	maple	mahogany	mahogany	Total	maple	mahogany	mahogany	Total	maple	mahogany	mahogany
1978	94.2	0.3	64.0		49.8	1.3	0.1		1,632.5	722.8	510.6	
1979	34.4	0.1	21.6		80.1	1.2	0.0		1,560.1	713.4	463.2	
1980	38.6	0.6	6.2		45.5	2.4	0.0		1,213.2	584.2	265.0	
1981	67.6	1.4	33.3		78.5	1.0	0.0		1,406.3	605.1	353.8	
1982	29.8	0.5	18.8		212.9	1.1	3.2		1,231.9	506.8	168.4	
1983	47.6	0.2	21.0		136.4	3.5	0.0		1,607.2	637.8	309.7	
1984	106.5	1.9	70.2		155.2	11.0	5.1		1,503.0	537.2	249.3	
1985	129.8	0.7	101.9		192.6	7.2	0.5		1,398.0	501.5	216.5	
1986	197.7	0.7	171.0		214.3	8.0	1.2		1,603.9	557.3	280.3	
1987	208.5	0.5	164.8		192.5	5.6	0.0		1,682.1	563.4	285.0	
1988:												
1st quarter	17.4	0.0	12.1		46.6	2.4	1.1		446.9	155.3	57.8	
2nd quarter	24.6	0.0	15.9		28.8	1.6	0.0		421.1	149.4	67.9	
3rd quarter	21.7	0.0	13.1		49.4	3.7	0.0		437.8	156.9	46.8	
4th quarter	33.3	0.0	20.3		39.6	3.4	0.0		408.0	126.3	67.1	
Total 1988	97.0	0.0	61.4		164.4	11.1	1.1		1,713.8	587.9	239.6	
1989:												
1st quarter	NA	NA	NA		NA	NA	NA		NA	NA	NA	
2nd quarter	NA	NA	NA		NA	NA	NA		NA	NA	NA	
3rd quarter	--	--	--		--	--	--		--	--	--	
4th quarter	--	--	--		--	--	--		--	--	--	
Total 1989	--	--	--		--	--	--		--	--	--	

NA - Not available.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 19.--U.S. hardwood plywood imports, by region and species, 1978-89 (cont'd)
(Volume in thousand square feet)

Year	Canada			South America			All other			Total	
	Total	Birch	Philippine mahogany	Total	Birch	Philippine mahogany	Total	Birch	Philippine mahogany	Total	Philippine mahogany
1978	73,574	65,104	11	24,048	0	67	48,146	38,416	0	4,973,012	313,959
1979	81,634	70,448	0	24,846	0	0	40,200	33,961	1	4,074,177	305,895
1980	70,117	59,810	67	31,235	0	0	30,256	26,556	0	2,289,381	253,095
1981	61,311	48,128	8	29,630	0	0	36,704	31,515	0	2,821,872	249,589
1982	50,557	39,502	1	21,660	238	0	23,026	17,040	0	2,179,448	218,645
1983	53,263	29,978	0	38,765	129	0	33,385	24,495	0	3,293,911	274,854
1984	66,332	42,302	3	54,339	4,386	0	36,130	30,451	0	2,880,319	309,946
1985	62,072	39,616	69	58,128	848	0	53,901	29,101	164	3,448,343	330,876
1986	42,231	16,809	0	87,407	728	0	57,226	30,228	0	3,689,145	327,018
1987	80,807	48,895	0	81,284	1,013	324	57,452	29,914	128	3,848,535	321,060
1988:											
1st quarter	21,308	15,281	0	20,707	0	149	7,088	5,371	0	794,639	54,830
2nd quarter	20,410	13,859	0	21,477	77	0	12,509	5,499	0	822,527	62,484
3rd quarter	18,403	11,618	0	29,669	0	0	5,920	4,642	0	818,662	96,529
4th quarter	16,514	10,212	0	15,186	0	0	6,709	5,353	0	728,148	70,589
Total 1988	76,635	50,970	0	87,039	77	149	32,226	20,865	0	3,163,976	284,432
1989:											
1st quarter	42,006	25,614	NA	28,527	0	NA	18,428	13,755	NA	490,809	66,929
2nd quarter	28,625	15,731	NA	28,870	0	NA	11,146	6,712	NA	462,869	51,923
3rd quarter	--	--	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--	--	--

NA - Not available.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 20.--Value of U.S. hardwood furniture imports, by region and product, 1978-89
(In thousands of dollars)

Year and product	Canada	Caribbean, South & Central America	Scandi- navia	Other Western Europe	Eastern Europe	Asia, Middle East, & Pacific	All other	Total
1978 - BENTWOOD								
Chairs	3,472	3,546	9,192	19,772	43,364	33,478	1,961	114,785
Other furniture	23,707	12,641	46,064	62,862	16,187	61,399	3,803	226,663
Wood parts	3,856	5,574	1,696	4,660	8,414	16,083	631	40,914
Total 1978	31,035	21,761	56,952	87,294	67,965	110,960	6,395	382,362
1979 - BENTWOOD	NA	NA	NA	NA	NA	NA	NA	NA
Chairs	4,652	4,133	9,292	19,933	43,276	44,151	1,302	126,739
Other furniture	36,854	14,952	55,891	77,055	21,013	79,532	4,448	289,745
Wood parts	4,623	5,066	1,752	7,054	8,041	20,462	683	47,681
Total 1979	46,129	24,151	66,935	104,042	72,330	144,145	6,433	464,165
1980 - BENTWOOD	NA	NA	NA	NA	8,373	4,762	414	13,549
Chairs	5,953	3,603	8,638	19,354	52,333	58,453	1,960	150,294
Other furniture	48,198	15,997	61,507	75,145	23,618	84,365	5,728	314,558
Wood parts	4,393	5,548	2,055	7,206	8,729	19,434	588	47,953
Total 1980	58,544	25,148	72,200	101,705	93,053	167,014	8,690	526,354
1981 - BENTWOOD	NA	NA	NA	NA	8,678	2,924	214	11,816
Chairs	7,907	4,711	9,511	19,659	50,980	74,534	1,753	169,055
Other furniture	55,424	13,979	62,236	80,618	23,481	110,743	5,332	351,813
Wood parts	5,492	4,718	1,840	7,126	24,540	24,154	1,220	69,090
Total 1981	68,823	23,408	73,587	107,403	107,679	212,355	8,519	601,774
1982 - BENTWOOD	83	NA	NA	NA	9,178	2,532	173	11,966
Chairs	8,117	4,755	10,986	20,375	62,538	79,669	1,525	187,965
Other furniture	66,349	14,712	76,302	85,439	31,444	132,224	4,810	411,280
Wood parts	4,652	3,300	1,463	8,413	8,610	20,496	716	47,650
Total 1982	79,201	22,767	88,751	114,227	111,770	234,921	7,224	658,861

Table 20.--Value of U.S. hardwood furniture imports, by region and product, 1978-89 (cont'd)
(In thousands of dollars)

Year and product	Canada	Caribbean, South & Central America	Scandi- navia	Other Western Europe	Eastern Europe	Asia, Middle East, & Pacific	All other	Total
1983 - BENTWOOD	NA	NA	NA	NA	9,002	4,559	384	13,945
Chairs	10,783	5,686	14,785	27,412	45,010	94,717	1,792	200,185
Other furniture	85,862	19,969	105,604	111,429	34,898	193,628	6,232	557,622
Wood parts	7,632	5,453	1,657	10,712	29,494	29,163	645	84,756
Total 1983	104,277	31,108	122,046	149,553	118,404	322,067	9,053	856,508
1984 - BENTWOOD	NA	75	NA	114	11,908	3,202	200	15,499
Chairs	15,149	7,010	22,274	48,353	60,144	109,368	2,411	264,709
Tables	9,503	5,799	26,387	19,700	8,215	88,336	1,454	159,394
Bedroom furniture	12,954	7,535	28,766	22,332	2,486	10,821	1,138	86,032
Wall systems and wood shelving	40,754	11,021	52,183	59,656	22,543	57,041	5,866	249,064
Other furniture	62,388	7,287	51,237	57,318	8,847	100,345	3,053	290,475
Wood parts	9,233	6,374	5,115	16,561	31,918	53,990	621	123,812
Total 1984	149,981	45,101	185,962	224,034	146,061	423,103	14,743	1,188,985
1985 - BENTWOOD	NA	NA	NA	298	10,945	1,605	352	13,200
Chairs	17,757	9,432	28,392	78,473	77,333	101,617	2,893	315,897
Tables	13,525	6,247	31,345	37,247	11,766	154,069	1,939	256,138
Bedroom furniture	17,234	17,207	40,111	40,709	3,040	12,716	2,533	133,550
Wall systems and shelving	59,049	17,015	69,877	106,812	29,482	101,386	8,459	392,080
Other furniture	70,803	9,158	42,081	68,341	7,307	104,917	4,691	307,298
Furniture parts	12,428	8,754	2,414	20,987	29,871	85,871	1,050	161,375
Total 1985	190,796	67,813	214,220	352,867	169,744	562,181	21,917	1,579,538

Table 21.--U.S. exports of nonconiferous chips, by region

Year	Western Europe		Canada		Japan		Mexico		Taiwan	
	Volume (tons)	Value (M\$)	Volume (tons)	Value (M\$)	Volume (tons)	Value (M\$)	Volume (tons)	Value (M\$)	Volume (tons)	Value (M\$)
1989:										
1st quarter	162	8	2,112	106	350,405	29,830	26,615	1,423	24,508	1,940
2nd quarter	200	10	1,809	92	422,034	42,321	38,145	1,948	53,705	8,405
3rd quarter	--	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--	--
Year	All others		Total							
	Volume (tons)	Value (M\$)	Volume (tons)	Value (M\$)						
1989:										
1st quarter	9,608	807	413,410	34,114						
2nd quarter	15,727	1,440	531,620	54,216						
3rd quarter	--	--	--	--						
4th quarter	--	--	--	--						
Total 1989	--	--	--	--						

Source: U.S. Department of Commerce, Bureau of the Census.

Table 22.--Value of U.S. hardwood log exports, by region and species, 1978-89
(In thousands of dollars)

Year	Central & South America								
	Canada			and Caribbean			Western Europe		
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
1978	14,246	4,848	1,564	4,549	421	1,950	71,438	3,407	28,919
1979	17,805	6,675	1,985	6,759	1,437	2,656	95,276	6,076	47,703
1980	14,372	3,926	2,175	7,200	1,557	2,438	92,424	7,138	48,515
1981	12,945	3,620	1,166	7,336	725	3,057	57,133	5,475	34,565
1982	11,283	3,735	1,319	6,464	1,979	2,029	50,562	5,024	29,857
1983	13,638	4,187	1,239	5,667	1,598	2,890	61,345	6,505	35,560
1984	15,650	4,334	737	9,181	3,283	4,547	53,499	7,253	31,029
1985	10,486	2,588	455	8,082	3,078	3,365	44,186	4,565	23,773
1986	8,279	2,755	435	6,670	2,371	2,965	46,334	1,851	27,795
1987	10,252	3,245	735	4,879	2,153	1,107	56,319	3,034	33,192
1988:									
1st quarter	3,891	1,165	345	583	185	127	21,617	1,180	12,110
2nd quarter	2,249	1,138	175	2,657	946	932	21,800	1,577	10,402
3rd quarter	2,655	734	141	3,232	1,262	1,343	7,044	1,238	2,294
4th quarter	3,788	973	241	698	159	244	18,842	1,116	8,717
1988 total	12,583	4,010	902	7,170	2,552	2,646	69,303	5,111	33,523
1989:									
1st quarter	5,863	2,364	443	1,154	478	197	35,889	2,588	16,645
2nd quarter	4,363	2,517	472	4,016	1,228	1,226	27,975	2,543	11,379
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
1989 total	--	--	--	--	--	--	--	--	--

Year	Asia			All other			Total		
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
1978	12,427	909	608	157	17	14	102,817	9,602	33,055
1979	18,198	663	879	63	4	0	138,101	14,855	53,223
1980	15,160	1,060	473	208	18	7	129,364	13,699	53,608
1981	14,209	2,288	1,077	245	11	0	91,868	12,119	39,865
1982	15,443	3,429	1,046	153	0	15	83,905	14,167	34,266
1983	17,410	6,493	1,887	3	0	0	98,063	18,783	41,576
1984	22,365	7,485	3,074	14	5	0	100,709	22,360	39,387
1985	28,378	13,289	2,435	17	0	0	91,149	23,520	30,028
1986	35,909	12,236	4,666	73	0	0	97,265	19,213	35,861
1987	46,506	12,941	9,208	321	40	116	118,277	21,413	44,358
1988:									
1st quarter	17,260	4,783	3,276	55	0	27	43,406	7,313	15,885
2nd quarter	21,052	6,125	4,271	49	0	26	47,807	9,786	15,806
3rd quarter	13,838	3,661	1,538	178	0	139	26,947	6,895	5,455
4th quarter	18,168	3,604	3,842	334	10	292	41,830	5,862	13,336
1988 total	70,318	18,173	12,927	616	10	484	159,990	29,856	50,482
1989:									
1st quarter	29,918	6,850	7,645	1,499	28	1,342	74,323	12,308	26,172
2nd quarter	33,300	8,506	7,989	2,597	131	2,164	72,251	14,925	23,230
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
1989 total	--	--	--	--	--	--	--	--	--

Source: U.S. Department of Commerce, Bureau of the Census.

Table 23.--Value of U.S. hardwood lumber exports by region and species, 1978-89
(In thousands of dollars)

Year	Canada			Central & South America and Caribbean			Western Europe		
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
1978	64,180	33,287	6,487	4,537	884	324	73,390	35,741	24,732
1979	76,667	34,636	5,142	5,329	1,112	81	115,680	54,786	38,875
1980	73,187	30,848	6,352	7,654	1,635	361	137,899	62,950	48,412
1981	77,605	37,451	5,933	8,287	2,358	382	127,363	60,039	43,105
1982	60,891	32,077	3,749	7,936	3,039	518	119,241	53,582	41,451
1983	91,689	46,265	6,098	8,151	4,026	199	131,780	52,668	53,408
1984	79,210	40,262	7,215	11,756	5,094	716	108,162	41,760	48,905
1985	65,566	36,232	5,033	11,186	4,498	1,259	90,326	37,125	37,690
1986	70,391	40,928	5,379	14,424	4,784	843	123,939	43,333	56,409
1987	102,334	58,696	8,667	21,992	9,948	1,401	173,984	55,389	77,926
1988:									
1st quarter	35,298	21,487	2,811	5,996	2,605	330	61,604	18,604	27,146
2nd quarter	34,179	17,786	3,891	7,804	3,007	663	71,706	21,584	29,476
3rd quarter	30,699	16,699	2,890	8,291	4,807	422	65,848	20,696	29,229
4th quarter	27,937	14,549	2,566	7,605	3,896	575	65,744	19,112	28,758
1988 total	128,113	70,521	12,158	29,696	14,315	1,990	264,902	79,996	114,609
1989:									
1st quarter	26,434	13,739	2,895	7,198	2,377	1,775	62,142	17,158	31,885
2nd quarter	32,921	17,620	3,184	7,732	2,803	1,092	67,785	17,338	33,961
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
1989 total	--	--	--	--	--	--	--	--	--

Year	Asia			All other			Total		
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
1978	5,485	450	2,516	574	186	59	148,166	70,548	34,118
1979	6,872	1,199	1,514	1,514	634	112	206,062	92,367	45,724
1980	14,207	1,670	5,986	2,004	684	603	234,951	97,787	61,714
1981	25,144	7,755	8,408	3,634	1,275	1,374	242,033	108,878	59,202
1982	24,231	8,732	6,724	3,834	2,361	799	216,133	99,791	53,241
1983	49,384	18,671	11,868	6,892	3,463	2,019	287,896	125,093	73,592
1984	76,344	31,687	15,021	6,660	2,824	2,614	282,132	121,627	74,471
1985	75,641	37,669	9,396	4,878	1,360	2,476	247,597	116,884	55,854
1986	122,827	68,365	14,428	5,556	2,518	2,104	337,137	159,928	79,163
1987	166,082	74,298	24,371	10,444	4,230	5,035	474,836	202,561	117,400
1988:									
1st quarter	44,090	16,366	5,522	4,376	2,077	1,859	151,364	61,139	37,668
2nd quarter	51,255	16,440	7,315	2,426	748	1,086	167,370	59,565	42,431
3rd quarter	63,765	27,910	7,534	2,900	843	1,414	171,503	70,955	41,489
4th quarter	59,735	26,380	7,806	3,284	892	1,890	164,305	64,829	41,595
1988 total	218,845	87,096	28,177	12,986	4,560	6,249	654,542	256,488	163,183
1989:									
1st quarter	48,642	16,177	7,800	3,909	1,215	2,209	148,325	50,666	46,564
2nd quarter	56,487	18,929	9,035	3,403	1,074	1,989	168,328	57,764	49,261
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
1989 total	--	--	--	--	--	--	--	--	--

Source: U.S. Department of Commerce, Bureau of the Census.

Table 2A.--Value of U.S. hardwood veneer exports, by region and species, 1978-89
(In thousands of dollars)

Year	Canada			Central & South America and Caribbean			Western Europe		
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
1978	6,129	1,054	337	793	50	0	54,184	3,018	28,702
1979	5,493	1,283	213	1,260	52	10	69,465	3,398	40,601
1980	7,368	2,076	472	3,485	107	165	92,128	7,389	55,699
1981	7,602	1,511	547	3,725	90	500	63,669	6,098	39,154
1982	5,745	1,821	435	1,034	124	43	59,325	7,825	36,636
1983	9,712	3,062	668	912	76	227	72,299	11,136	40,803
1984	13,727	4,749	2,724	1,432	181	237	55,313	9,421	33,465
1985	9,090	2,083	1,466	855	235	31	40,353	8,961	22,148
1986	8,545	1,871	727	1,718	207	587	50,982	7,959	31,045
1987	15,362	3,794	1,084	1,048	37	352	75,330	13,281	45,753
1988:									
1st quarter	4,622	629	316	440	16	39	20,238	2,357	13,539
2nd quarter	4,942	906	89	509	51	240	26,872	3,725	17,795
3rd quarter	4,386	924	220	473	75	171	19,409	4,230	12,410
4th quarter	4,720	1,579	299	432	38	113	26,116	5,245	16,619
1988 total	18,670	4,038	924	1,854	180	563	92,635	15,557	60,363
1989:									
1st quarter	3,966	1,540	437	601	99	128	22,249	3,822	14,221
2nd quarter	3,791	1,456	574	554	130	127	26,318	4,227	17,285
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
1989 total	--	--	--	--	--	--	--	--	--

Year	Asia			All other			Total		
	Total	R.oak	W.oak	Total	R.oak	W.oak	Total	R.oak	W.oak
1978	1,368	199	195	647	3	126	63,121	4,324	29,360
1979	1,545	248	45	644	10	90	78,407	4,991	40,959
1980	2,032	341	147	1,334	128	297	106,347	10,041	56,780
1981	3,270	734	583	2,080	42	422	80,346	8,475	41,204
1982	5,774	2,256	357	1,172	28	317	73,050	12,054	37,788
1983	8,917	4,527	420	1,258	127	542	93,098	18,928	42,660
1984	9,973	4,313	710	1,663	21	182	82,108	18,685	37,318
1985	10,468	5,174	849	1,483	37	563	62,249	16,490	25,057
1986	18,598	6,039	4,196	1,921	457	1,092	81,764	16,533	37,647
1987	18,047	4,980	4,473	2,147	310	1,379	111,934	22,402	53,041
1988:									
1st quarter	7,077	1,562	1,655	392	40	98	32,769	4,604	15,647
2nd quarter	8,793	2,002	2,954	639	46	496	41,755	6,730	21,574
3rd quarter	8,483	1,534	2,288	212	35	110	32,963	6,798	15,199
4th quarter	7,611	2,189	2,346	1,466	308	979	40,345	9,359	20,356
1988 total	31,964	7,287	9,243	2,709	429	1,683	147,832	27,491	72,776
1989:									
1st quarter	8,572	1,160	2,599	589	141	304	35,977	6,762	17,689
2nd quarter	10,878	2,418	2,467	2,015	351	1,325	43,556	8,582	21,778
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
1989 total	--	--	--	--	--	--	--	--	--

Source: U.S. Department of Commerce, Bureau of the Census.

Table 25.--Value of U.S. hardwood plywood exports, by region and species, 1978-89
(In thousands of dollars)

Year	Canada			Central & South America and Caribbean			Western Europe		
	Total	Birch	Oak	Total	Birch	Oak	Total	Birch	Oak
1978	3,692	133	92	1,294	310	20	1,099	16	63
1979	4,887	129	348	1,911	233	8	780	78	26
1980	4,078	381	538	4,091	526	167	2,404	15	277
1981	4,943	1,101	1,206	3,839	654	212	756	122	69
1982	2,673	688	1,045	4,357	450	67	515	39	326
1983	3,180	492	1,476	2,888	332	47	649	14	574
1984	2,254	394	738	4,079	362	97	716	19	500
1985	2,652	480	582	6,139	505	168	627	0	207
1986	3,854	389	901	5,780	262	176	2,735	357	28
1987	3,289	258	837	7,907	558	598	2,238	0	157
1988:									
1st quarter	1,247	76	527	3,322	532	99	649	104	72
2nd quarter	1,177	67	693	3,004	433	150	1,704	48	51
3rd quarter	1,582	55	578	2,806	452	93	1,029	14	153
4th quarter	964	79	320	2,752	316	80	347	0	93
1988 total	4,970	277	2,118	11,884	1,733	422	3,729	166	369
1989:									
1st quarter	666	124	177	898	119	269	1,039	242	50
2nd quarter	992	42	324	1,177	101	172	48	0	0
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
1989 total	--	--	--	--	--	--	--	--	--

Year	Asia			All other			Total		
	Total	Birch	Oak	Total	Birch	Oak	Total	Birch	Oak
1978	1,721	229	9	497	110	0	8,303	798	184
1979	601	64	35	283	201	0	8,462	705	417
1980	1,739	81	41	351	154	0	12,663	1,157	1,023
1981	689	43	102	732	429	31	10,959	2,349	1,620
1982	1,736	124	46	187	101	3	9,468	1,402	1,487
1983	464	49	58	305	129	114	7,486	1,016	2,269
1984	620	2	1	284	122	0	7,953	899	1,336
1985	816	156	86	229	63	0	10,463	1,204	1,043
1986	921	0	62	65	3	2	13,355	1,011	1,169
1987	991	70	66	104	10	0	14,529	896	1,658
1988:									
1st quarter	374	53	0	44	11	0	5,636	776	698
2nd quarter	294	42	0	23	9	0	6,202	599	894
3rd quarter	368	0	0	24	0	0	5,809	521	824
4th quarter	372	79	23	111	19	0	4,546	493	516
1988 total	1,408	174	23	202	39	0	22,193	2,389	2,932
1989:									
1st quarter	149	0	0	78	0	28	2,830	485	524
2nd quarter	289	0	68	275	21	72	2,781	164	636
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
1989 total	--	--	--	--	--	--	--	--	--

Source: U.S. Department of Commerce, Bureau of the Census.

Table 26.--Value of U.S. hardwood log imports, by region and species, 1978-89
(In thousands of dollars)

Year	Africa		Asia		Canada		South America	
	Total	Mahogany	Total	Philippine Mahogany	Total	Birch/maple	Total	Mahogany
1978	1,115	681	329	1	2,198	1,329	290	0
1979	635	403	541	39	1,556	1,296	168	26
1980	1,090	711	193	16	1,547	1,130	188	0
1981	579	496	266	0	1,930	1,379	254	2
1982	639	563	237	17	2,803	1,875	86	8
1983	196	146	379	49	2,586	1,007	289	27
1984	596	270	496	22	3,524	974	363	101
1985	170	127	1,329	37	1,870	830	565	100
1986	263	258	659	75	2,018	1,012	147	0
1987	270	192	543	5	1,635	1,028	223	91
1988:								
1st quarter	266	221	164	0	575	432	56	25
2nd quarter	13	0	104	0	357	131	25	9
3rd quarter	15	0	295	0	382	316	91	50
4th quarter	45	0	427	0	327	242	74	0
Total 1988	339	221	990	0	1,641	1,121	246	84
1989:								
1st quarter	494	259	2,242	1,951	1,585	887	433	0
2nd quarter	552	487	2,450	1,976	1,162	615	1,086	0
3rd quarter	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--

Year	All others				Total*			
	Total	Birch/maple	Philippine mahogany	Mahogany	Total	Birch/maple	Mahogany	Philippine mahogany
1978	118	0	0	10	4,051	1,329	690	1
1979	272	9	0	0	3,173	1,305	430	39
1980	291	0	0	123	3,309	1,130	835	16
1981	83	1	0	0	3,113	1,379	499	0
1982	53	0	0	0	3,818	1,875	571	17
1983	129	0	0	3	3,580	1,007	181	49
1984	117	0	0	52	5,098	974	423	22
1985	300	1	0	19	4,234	831	248	37
1986	1,469	4	0	23	4,558	1,016	281	75
1987	963	10	0	0	3,634	1,038	284	5
1988:								
1st quarter	169	0	0	0	1,230	445	246	0
2nd quarter	142	0	0	0	640	131	9	0
3rd quarter	80	0	0	0	863	316	59	0
4th quarter	103	0	0	0	976	242	0	0
Total 1988	494	0	0	0	3,709	1,135	314	0
1989:								
1st quarter	203	2	28	0	4,957	889	259	1,994
2nd quarter	151	8	31	3	5,401	623	504	2,048
3rd quarter	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--

* Totals may not reflect sums of regions due to omission of small amounts of species not included in regional breakdowns.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 27.--Value U.S. hardwood lumber imports, by region and species, 1978-89
(In thousands of dollars)

Year	Africa				Asia				Canada			
	Total		Philippine		Total		Philippine		Total		Philippine	
	Mahogany	maple	mahogany	maple	Mahogany	maple	mahogany	maple	Mahogany	maple	mahogany	maple
1978	6,834	1,147	0	7	53,657	127	26,300	11	35,114	143	0	27,918
1979	4,897	1,033	0	15	94,803	97	34,607	32	36,213	91	0	25,267
1980	2,948	421	0	12	53,746	98	31,074	21	29,523	245	2	22,265
1981	4,450	584	0	0	58,431	12	28,632	4	28,179	116	0	10,017
1982	2,192	229	0	0	35,300	127	12,095	2	23,514	132	0	13,920
1983	1,802	201	0	0	53,702	98	24,404	0	24,053	137	0	13,613
1984	2,405	574	0	1	64,137	216	27,187	0	29,277	109	0	14,134
1985	2,616	561	0	0	73,038	314	25,782	0	31,047	213	0	13,741
1986	2,750	1,032	51	0	56,166	593	19,820	0	32,256	275	0	16,392
1987	6,411	4,091	0	29	75,037	706	28,822	108	51,790	473	0	22,112
1988:												
1st quarter	979	679	0	8	17,624	424	5,877	26	13,435	49	0	7,368
2nd quarter	708	477	0	0	16,115	198	4,906	0	14,283	36	0	6,524
3rd quarter	741	298	0	0	20,842	287	7,017	0	12,032	26	0	6,140
4th quarter	700	277	0	0	18,791	485	5,863	0	10,869	114	0	4,880
Total 1988	3,128	1,731	0	8	73,372	1,394	23,663	26	50,619	225	0	24,912
1989:												
1st quarter	590	310	0	0	14,562	212	7,478	0	13,145	48	0	5,834
2nd quarter	703	229	0	0	13,434	274	7,176	0	12,880	24	0	5,355
3rd quarter	--	--	--	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--	--	--	--

Table 27.--Value U.S. hardwood lumber imports, by region and species, 1978-89 (cont'd)
(In thousands of dollars)

Year	South America				All other				Total			
	Philippine		Birch/		Philippine		Birch/		Philippine		Birch/	
	Total	Mahogany	mahogany	maple	Total	Mahogany	mahogany	maple	Total	Mahogany	mahogany	maple
1978	43,350	13,504	1	2	1,837	0	0	20	140,798	14,921	26,301	27,958
1979	48,557	14,056	16	7	1,593	14	0	49	186,063	15,291	34,623	25,370
1980	65,822	29,454	25	0	1,940	118	14	27	153,979	30,336	31,113	22,325
1981	71,745	37,598	0	4	1,913	6	0	42	164,718	38,316	28,632	19,067
1982	41,882	22,697	140	0	1,620	14	17	70	104,508	23,199	12,252	13,992
1983	57,319	32,717	599	0	2,434	98	5	37	139,310	33,251	25,008	13,550
1984	64,260	37,334	39	14	3,803	402	3	22	163,882	38,635	27,229	14,171
1985	63,037	38,346	205	17	6,017	1,598	0	472	175,775	41,032	25,987	14,230
1986	55,433	32,062	0	13	3,770	388	0	127	150,375	34,350	19,871	16,532
1987	117,915	87,302	233	1	5,117	490	25	92	256,270	93,062	29,080	22,342
1988:												
1st quarter	31,504	23,841	78	0	847	129	0	31	64,389	25,122	5,955	7,433
2nd quarter	13,550	7,283	0	50	812	57	0	12	45,468	8,051	4,906	6,586
3rd quarter	16,887	10,643	0	0	644	18	0	71	51,146	11,272	7,017	6,211
4th quarter	16,830	10,092	0	0	590	47	0	30	47,780	11,015	5,863	4,910
Total 1988	78,771	51,859	78	50	2,893	251	0	144	208,783	55,460	23,741	25,140
1989:												
1st quarter	21,281	12,309	0	0	563	3	0	59	50,141	12,882	7,478	5,893
2nd quarter	14,979	9,868	706	1	713	88	0	18	42,709	10,483	7,882	5,374
3rd quarter	--	--	--	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--	--	--	--

Source: U.S. Department of Commerce, Bureau of the Census.

Table 28.--Value of U.S. hardwood veneer imports, by region and species, 1978-89 (cont'd)
(In thousands of dollars)

Year	Other Asia		All other		Total				
	Birch/ Philippine		Birch/ Philippine		Birch/ Philippine				
	Total	maple mahogany	Total	maple mahogany	Total	maple mahogany			
1978	6,478	52	3,697	84	5	94,926	40,426	22,982	
1979	4,171	23	2,165	106	0	108,860	48,445	27,731	
1980	3,436	106	728	8,168	317	0	86,622	34,418	19,068
1981	5,619	278	2,107	10,360	111	0	103,380	36,858	23,054
1982	3,317	102	1,253	10,058	173	333	83,297	28,822	12,461
1983	6,146	33	1,537	12,712	412	19	123,086	39,155	19,711
1984	9,490	150	4,266	19,396	339	541	131,833	37,469	15,174
1985	11,150	73	7,252	19,509	571	32	110,864	30,677	15,006
1986	15,377	50	12,063	20,176	515	84	124,181	35,560	17,759
1987	16,365	121	10,483	24,572	732	0	151,283	40,218	19,008
1988:									
1st quarter	2,366	0	1,304	6,572	287	290	44,043	11,712	5,217
2nd quarter	3,112	1	2,123	7,104	248	0	44,161	11,296	5,719
3rd quarter	2,665	0	1,244	6,060	383	0	43,626	12,068	3,937
4th quarter	2,602	0	1,459	6,421	265	0	38,699	9,185	4,597
Total 1988	10,745	1	6,130	26,157	1,183	290	170,529	44,261	19,470
1989:									
1st quarter	3,752	88	NA	6,816	388	NA	45,155	12,565	NA
2nd quarter	4,463	43	NA	7,821	320	NA	45,513	12,136	NA
3rd quarter	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--

NA - Not available.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 29.--Value of U.S. hardwood plywood imports, by region and species, 1978-89 (cont'd)
(In thousands of dollars)

Year	Canada			South America			All other			Total		
	Philippine		Total	Philippine		Total	Philippine		Total	Philippine		Total
	Birch	mahogany		Birch	mahogany		Birch	mahogany		Birch	mahogany	
1978	15,242	13,278	4	5,182	0	5	13,085	11,788	0	563,989	70,896	182,473
1979	19,544	16,406	0	7,923	0	0	12,938	11,460	11	616,870	77,595	201,973
1980	17,931	14,750	19	10,920	0	0	16,105	14,646	0	425,217	72,747	147,368
1981	17,325	12,613	2	11,759	0	0	16,758	15,903	0	491,314	71,912	238,761
1982	14,860	11,397	1	7,751	39	0	11,080	9,766	0	352,083	60,476	182,984
1983	16,937	9,952	0	11,967	38	0	14,260	12,697	0	480,700	74,328	288,252
1984	23,600	14,518	2	16,017	1,265	0	16,737	14,551	0	459,391	88,232	243,522
1985	21,851	13,240	13	17,341	440	0	18,616	15,922	81	489,107	82,864	291,063
1986	17,989	8,691	0	17,710	307	0	21,195	16,222	0	531,201	84,371	325,181
1987	28,743	16,860	0	26,436	245	50	22,949	17,561	25	646,197	92,572	408,699
1988:												
1st quarter	7,886	5,344	0	6,804	0	46	4,290	3,642	0	143,104	17,334	92,124
2nd quarter	7,839	4,972	0	7,237	21	0	4,015	3,313	0	146,393	18,111	94,291
3rd quarter	7,169	4,620	0	8,050	0	0	3,344	2,737	0	150,475	26,261	90,164
4th quarter	6,427	4,089	0	5,144	0	0	4,415	3,633	0	140,112	21,260	86,628
Total 1988	29,321	19,025	0	27,235	21	46	16,064	13,325	0	580,084	82,966	363,207
1989:												
1st quarter	9,200	5,700	NA	8,274	0	NA	4,704	3,568	NA	125,424	19,460	NA
2nd quarter	10,041	6,177	NA	8,069	0	NA	5,936	4,261	NA	137,652	25,603	NA
3rd quarter	--	--	--	--	--	--	--	--	--	--	--	--
4th quarter	--	--	--	--	--	--	--	--	--	--	--	--
Total 1989	--	--	--	--	--	--	--	--	--	--	--	--

NA - Not available.

Source: U.S. Department of Commerce, Bureau of the Census.