

Lumber Production and Mill Stocks

2000

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Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the introduction of the 1998 Manufacturing Profiles, issued December 2000.

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These data are also available through the U.S. Department of Commerce and STAT-USA Electronic Bulletin Board by subscription. To access, dial 202-482-3870 and follow the prompts to register. Also, you may call 202-482-1986 or 1-800-STAT-USA, for further information. The Internet address is: www.stat-usa.gov/.

NOTE. Data are now published on the new North American Industry Classification System (NAICS)

basis and therefore are not always comparable to the old Standard Industrial Classification (SIC) code. For further information on NAICS, see www.census.gov/epcd/www/naics.html.

SUMMARY OF FINDINGS

Production of lumber in the United States amounted to 49.5 billion board feet in 2000, which is 2.1 percent below the 50.6 billion board feet in 1999. Eastern lumber production amounted to 31.1 billion board feet in 2000, 2.0 percent below the 1999 level of 31.7 billion board feet. Southern yellow pine production amounted to 16.5 billion board feet in 2000, 2.0 percent below the 1999 production level. Production of eastern hardwood amounted to 11.8 billion board feet in 2000, 2.2 percent below the 1999 level. Western lumber production amounted to 18.4 billion board feet in 2000, a decrease of 2.4 percent from the 1999 production level of 18.9 billion board feet. Production of western softwoods decreased by 2.5 percent to 17.9 billion board feet from 1999 to 2000. Total western hardwood production increased by about 1.2 percent.

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Address inquiries concerning these data to Primary Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Dimetros W. Dammena 301-457-1603.

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Table 1. Production of Lumber: 1994 to 2000
[Millions of board feet, lumber tally]

Year	Softwoods				
	Total production	Total	Southern yellow pine	Other	Total hardwoods
2000.....	49,477	37,213	16,514	20,699	12,264
1999.....	50,556	38,033	16,842	21,191	r/ 12,523
1998.....	47,263	35,896	15,557	20,339	11,367
1997.....	46,560	35,457	15,408	20,049	11,103
1996.....	44,755	34,065	15,060	19,005	10,690
1995.....	43,971	33,043	14,700	18,343	10,928
1994.....	46,466	35,556	15,221	20,335	10,910

r/Revised by 5 percent or more from previously published data.

Table 2. Mill Stocks of Lumber: 1994 to 2000
[Millions of board feet, lumber tally]

End-of-year	Total mill stocks	Softwoods		Hardwoods	
2000.....	4,815	3,333		1,482	
1999.....	4,674	3,253	r/	1,421	
1998.....	4,290	2,986		1,304	
1997.....	4,333	3,114		1,219	
1996.....	4,247	2,964		1,283	
1995.....	4,633	3,297		1,336	
1994.....	4,600	3,302		1,298	

r/Revised by 5 percent or more from previously published data.

Table 3. Production of Softwoods and Hardwoods by Geographic Area: 2000 and 1999
[Millions of board feet, lumber tally]

	Total		Softwoods		Hardwoods	
	Total	1999	2000	1999	2000	1999
United States.....	49,477	50,556	37,213	38,033	12,264 r/	12,523
Eastern United States....	31,074	31,701	19,324	19,686	11,750 r/	12,015
Alabama.....	2,688 r/	2,754	2,343 r/	2,353	345 r/	401
Arkansas.....	2,644 r/	2,750	2,133 r/	2,243	511	507
Connecticut.....	52	53	7 r/	7	45	46
Delaware.....	15	14	(Z)	(Z)	15	14
Florida.....	751	791	(D)	(D)	(D)	(D)
Georgia.....	3,201	3,375	2,773	2,949	428 r/	426
Illinois.....	121 r/	125	-	-	121 r/	125
Indiana.....	358 r/	362	1	1	357 r/	361
Iowa.....	88 r/	87	(D)	(Z)	(D) r/	87
Kansas.....	14 r/	15	-	-	14 r/	15
Kentucky.....	816 r/	847	44 r/	42	772 r/	805
Louisiana.....	1,339	1,347	1,146	1,154	193	193
Maine.....	1,225	1,201	1,026 r/	990	199 r/	211
Maryland.....	293 r/	303	109 r/	107	184 r/	196
Massachusetts.....	(D)	(D)	(D)	(D)	(D)	(D)
Michigan.....	681 r/	695	198 r/	208	483 r/	487
Minnesota.....	303	317	148 r/	151	155 r/	166
Mississippi.....	2,950	3,018	2,421	2,503	529 r/	515
Missouri.....	721 r/	703	23	26	698 r/	677
Nebraska.....	34 r/	35	(Z)	(Z)	34 r/	35
New Hampshire.....	340 r/	357	256 r/	268	84 r/	89
New Jersey.....	19 r/	17	2 r/	2	17 r/	15
New York.....	578	602	111 r/	116	467	486
North Carolina.....	2,520	2,533	1,762	1,752	758 r/	781
North Dakota.....	1	1	(Z)	(Z)	1 r/	1
Ohio.....	393 r/	413	1	(Z)	392 r/	413
Oklahoma.....	(D)	(D)	(D)	(D)	(D)	(D)
Pennsylvania.....	1,198 r/	1,232	44 r/	46	1,154 r/	1,186
Rhode Island.....	11	10	3	3	8	7
South Carolina.....	1,450	1,488	1,304	1,313	146 r/	175
Tennessee.....	954 r/	937	40 r/	42	914 r/	895
Texas.....	1,642	1,580	1,390	1,327	252 r/	253
Vermont.....	233	255	114	127	119	128
Virginia.....	1,551 r/	1,564	702	689	849 r/	875
West Virginia.....	804	798	6 r/	6	798	792
Wisconsin.....	629	660	99 r/	103	530	557
Western United States...	18,403	18,855	17,889	18,347	514 r/	508
Alaska.....	(D)	(D)	(D)	(D)	-	-
Arizona.....	68	98	68	98	-	-
California.....	3,287	3,279	(D)	(D)	(D)	(D)
Colorado.....	105	114	(D)	(D)	(D)	(D)
Hawaii.....	(D)	(D)	(Z)	(Z)	(D)	(D)
Idaho.....	1,945	2,011	1,945	2,011	-	-
Montana.....	1,340	1,424	1,340	1,424	-	-
Nevada.....	(Z)	(Z)	(Z)	(Z)	-	-
New Mexico.....	100	124	100	124	-	-
Oregon.....	6,280	6,447	6,140	6,309	140	138
South Dakota.....	(D)	(D)	(D)	(D)	-	-
Utah.....	105 r/	105	105 r/	105	-	-
Washington.....	4,758	4,782	4,397	4,423	361 r/	359
Wyoming.....	172	222	172	222	-	-

- Represents zero. D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data. Z Represents less than 500,000 board feet.

Table 4. Lumber Production by Species: 1996 to 2000
[Millions of board feet, lumber tally]

Product description	2000	1999	1998	1997	1996
United States.....	49,477	50,556	47,263	46,560	44,755
Eastern United States.....	31,074	31,701	29,727	29,105	28,153
Eastern softwoods.....	19,324	19,686	18,767	18,470	17,912
Pine, southern yellow.....	16,514	16,842	15,557	15,408	15,060
Pine, eastern white.....	706 r/	712	600	556	467
Pine, other 1/.....	399 r/	411	292	283	244
Spruce and fir 2/.....	676	676	637	617	615
Other eastern softwoods 3/.....	217 r/	236	218	150	151
Eastern softwoods, n.s.k.	812 r/	809	1,463	1,456	1,375
Eastern hardwoods.....	11,750 r/	12,015	10,960	10,635	10,241
Ash.....	232 r/	236	199	193	200
Beech.....	77 r/	78	68	69	61
Birch.....	97 r/	104	77	70	64
Cherry.....	241 r/	249	208	195	186
Cottonwood.....	100 r/	108	72	74	84
Aspen.....	148 r/	166	128	142	131
Gum.....	242 r/	247	204	195	187
Hickory and pecan.....	154 r/	147	111	95	99
Maple, hard.....	507 r/	515	450	437	376
Maple, soft.....	348 r/	348	282	256	223
Oak, red.....	2,362 r/	2,399	2,055	1,983	1,974
Oak, white.....	1,134 r/	1,150	970	929	877
Walnut, black.....	48 r/	43	26	25	27
Yellow-poplar.....	1,082 r/	1,090	971	946	869
Other eastern hardwoods 4/.....	265 r/	290	259	279	303
Mixed hardwoods 5/.....	1,413 r/	1,538	1,289	1,195	1,193
Eastern hardwoods, n.s.k.	3,300 r/	3,307	3,591	3,552	3,387
Western United States.....	18,403	18,855	17,536	17,455	16,602
Western softwoods.....	17,889	18,347	17,129	16,987	16,153
Cedar, western red.....	697	639	593	654	652
Cedar, other 6/.....	189	197	185	209	186
Fir, douglas.....	8,281	8,167	7,406	7,082	6,792
Fir, hem-fir, white, and other.....	3,731	3,940	3,622	3,521	3,151
Pine, ponderosa.....	1,988	2,088	2,064	2,266	2,320
Pine, western white.....	39 r/	36	31	40	40
Pine, lodgepole.....	569	664	707	671	635
Pine, sugar.....	139	159	139	173	161
Redwood.....	577 r/	647	701	735	686
Spruce 7/.....	438 r/	465	387	321	331
Other western softwoods 8/.....	791	892	826	852	759
Western softwoods, n.s.k.	450 r/	453	468	463	440
Western hardwoods 9/.....	514 r/	508	407	468	449

n.s.k. Not specified by kind. r/Revised by 5 percent or more from previously published data.

1/Includes jack pine and red (Norway) pine.

2/Includes balsam fir and eastern spruce.

3/Includes eastern red cedar, northern white cedar, southern white cedar, cypress, eastern hemlock, tamarack, and mixed softwoods.

4/Includes basswood, boxwood, butternut, elm, hackberry, and sycamore.

5/Mixed hardwoods includes mixed, ungraded hardwoods sawn for ties, timbers, blocking, cants, and pallet stock.

6/Includes Alaska cedar, incense cedar, and Port Orford cedar.

7/Includes Sitka and western/Engelmann spruce.

8/Includes western hemlock, western larch, and mixed softwoods.

9/Includes alder, aspen, birch, cottonwood, maple, oak, mixed hardwoods, and western hardwoods not specified.

Table 5. Lumber Production of Softwoods and Hardwoods by Lumber Industry Regions: 2000 and 1999
[Millions of board feet, lumber tally]

Lumber industry region	Total		Softwoods		Hardwoods	
	2000	1999	2000	1999	2000	1999
United States.....	49,477	50,556	37,213	38,033	12,264 r/	12,523
Eastern lumber regions.....	31,074	31,701	19,324	19,686	11,750 r/	12,015
Southern pine.....	16,514	16,842	16,514	16,842	-	-
Southern hardwood.....	5,256 r/	5,339	-	-	5,256 r/	5,339
Appalachian.....	(D)	(D)	(D)	(D)	(D)	(D)
Northern hemlock and hardwood.....	1,310 r/	1,355	297 r/	311	1,013	1,044
Northeastern.....	(D)	(D)	(D)	(D)	(D)	(D)
Other.....	1,937 r/	1,992	759 r/	774	1,178 r/	1,218
Western lumber regions.....	18,403	18,855	17,889	18,347	514 r/	508
Douglas fir.....	8,951	9,019	8,448	8,522	503 r/	497
Western pine.....	(D)	(D)	(D)	(D)	(D)	(D)
California redwood.....	(D)	(D)	(D)	(D)	(D)	(D)
Alaska and Hawaii.....	(D)	(D)	(D)	(D)	(D)	(D)

- Represents zero. D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

Note:

Lumber industry regions:

Eastern lumber regions:

Southern pine: Southern yellow pine.

Southern hardwood: All hardwoods in Alabama, Arkansas, Delaware, Florida, Louisiana, Mississippi, Missouri, Oklahoma, and Texas; and the lowland counties of Georgia, Kentucky, Maryland, North Carolina, South Carolina, Tennessee, and Virginia.

Appalachian: All hardwoods and softwoods, except southern yellow pine, in West Virginia and the Appalachian range counties of Georgia, Kentucky, Maryland, North Carolina, South Carolina, Tennessee, and Virginia.

Northern hemlock and hardwood: All hardwoods and softwoods, except southern yellow pine, in Michigan and Wisconsin.

Northeastern: All hardwoods and softwoods, except southern yellow pine, in Connecticut, Maine, Massachusetts, New Hampshire, New York, Pennsylvania, Rhode Island, and Vermont.

Other: All hardwoods and softwoods, except southern yellow pine, in Illinois, Indiana, Iowa, Kansas, Minnesota, Nebraska, New Jersey, North Dakota, and Ohio; all softwoods, except southern yellow pine, in the lowland counties of Georgia, Kentucky, Maryland, North Carolina, South Carolina, Tennessee, and Virginia; and all softwoods, except southern yellow pine, in Alabama, Arkansas, Delaware, Florida, Louisiana, Mississippi, Missouri, Oklahoma, and Texas.

Western lumber regions:

Douglas fir: All softwoods and hardwoods in Oregon and Washington west of the Cascades, and in Jackson and Josephine counties in Oregon.

Western pine: All softwoods and hardwoods in Oregon and Washington east of the Cascades, except in Jackson and Josephine counties in Oregon; in California, except in the California redwood counties; and in Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, South Dakota, Utah, and Wyoming.

California redwood: All softwoods and hardwoods in the following fifteen counties of California: Alameda, Contra Costa, Del Norte, Humboldt, Marin, Mendocino, Monterey, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, and Sonoma.

Alaska and Hawaii: All softwoods and hardwoods in Alaska and Hawaii.

Table 6. Production, Exports, Imports, and Apparent Consumption of Lumber by Species: 2000 and 1999
[Thousands of cubic meters]

Product code	Product description	Production 1/	Exports of domestic merchandise 2/	Percent exports to production	Imports for consumption 2/	Apparent consumption 3/	Percent imports of apparent consumption
2000							
	United States.....	116,753	5,974	5.1	47,093	157,872	29.8
	Softwoods 4/.....	87,813	3,025	3.4	45,410	130,198	34.9
	Pine.....	48,030	1,225	2.6	2,002	48,807	4.1
3211133933	Lodgepole pine.....	1,343	33	2.5	125	1,435	8.7
3211133929	Ponderosa pine	4,691	126	2.7	79	4,644	1.7
3211133911, 13, 15, 31, 35	Other pine, including southern yellow and eastern white pine.....	41,996	1,066	2.5	1,798	42,728	4.2
3211133925	Douglas fir.....	19,541	547	2.8	1,075	20,069	5.4
3211133921	Western red cedar.....	1,645	63	3.8	1,535	3,117	49.2
3211133917, 19, 23, 27, 37, 39, 41, 43	Other softwoods, including hemlock, spruce, fir (other than Douglas fir), cedar (other than western red cedar), and mixed softwoods.....	15,619	1,190	7.6	40,798	55,227	73.9
32111339XX	Softwoods, n.s.k.	2,978	(X)	(X)	(X)	2,978	(X)
	Hardwoods 4/.....	28,940	2,949	10.2	1,683	27,674	6.1
3211131951	Ash.....	547	146	26.7	11	412	2.7
3211131953	Beech.....	182	14	7.7	13	181	7.2
3211131955	Birch.....	229	35	15.3	102	296	34.5
3211131957	Cherry.....	569	178	31.3	20	411	4.9
3211131965	Hickory and pecan.....	363	18	5.0	2	347	0.6
3211131967, 69	Maple.....	2,018	452	22.4	269	1,835	14.7
3211131971	Red oak.....	5,574	653	11.7	18	4,939	0.4
3211131973	White oak.....	2,676	577	21.6	15	2,114	0.7
3211131975	Black walnut.....	113	41	36.3	2	74	2.7
3211131977	Yellow-poplar.....	2,553	254	9.9	2	2,301	0.1
3211131959, 61, 63, 79, 81, 83	Other hardwoods, including cottonwood, aspen, gum, and mixed hardwoods.....	6,242	581	9.3	1,229	6,890	17.8
32111319XX	Hardwoods, n.s.k.	7,874	(X)	(X)	(X)	7,874	(X)
1999							
	United States.....	119,299	6,016	5.0	46,302	159,585	29.0
	Softwoods 4/.....	89,748	3,224	3.6	44,807	131,331	34.1
	Pine.....	49,347	1,357 r/	2.7	2,009	49,999	4.0
3211133933	Lodgepole pine.....	1,567	14	0.9	153	1,706	9.0
3211133929	Ponderosa pine.....	4,927	159	3.2	124	4,892	2.5
3211133911, 13, 15, 31, 35	Other pine, including southern yellow and eastern white pine.....	42,853	1,184	2.8	1,732	43,401	4.0
3211133925	Douglas fir.....	19,272	587	3.0	1,005	19,690	5.1
3211133921	Western red cedar.....	1,508	72	4.8	1,291	2,727	47.3
3211133917, 19, 23, 27, 37, 39, 41, 43	Other softwoods, including hemlock, spruce, fir (other than Douglas fir), cedar (other than western red cedar), and mixed softwoods.....	16,643	1,208	7.3	40,502	55,937	72.4
32111339XX	Softwoods, n.s.k. r/	2,978	(X)	(X)	(X)	2,978	(X)

Table 6. Production, Exports, Imports, and Apparent Consumption of Lumber by Species: 2000 and 1999
[Thousands of cubic meters]

Product code	Product description		Production 1/	Exports of domestic merchandise 2/	Percent exports to production	Imports for consumption 2/	Apparent consumption 3/	Percent imports of apparent consumption
	Hardwoods 4/.....	r/	29,551	r/ 2,792	9.4	1,495	r/ 28,254	r/ 5.3
3211131951	Ash.....	r/	557	r/ 162	29.1	10	r/ 405	r/ 2.5
3211131953	Beech.....	r/	184	r/ 21	11.4	6	r/ 169	r/ 3.6
3211131955	Birch.....	r/	245	r/ 28	11.4	94	r/ 311	r/ 30.2
3211131957	Cherry.....	r/	588	r/ 165	28.1	15	r/ 438	r/ 3.4
3211131965	Hickory and pecan.....	r/	347	r/ 17	4.9	3	r/ 333	r/ 0.9
3211131967, 69	Maple.....	r/	2,036	r/ 386	19.0	236	r/ 1,886	r/ 12.5
3211131971	Red oak.....	r/	5,661	r/ 605	10.7	21	r/ 5,077	r/ 0.4
3211131973	White oak.....	r/	2,714	r/ 591	21.8	8	r/ 2,131	r/ 0.4
3211131975	Black walnut.....	r/	101	r/ 28	27.7	3	r/ 76	r/ 3.9
3211131977	Yellow-poplar.....	r/	2,572	r/ 203	7.9	5	r/ 2,374	r/ 0.2
3211131959, 61, 63, 79, 81, 83	Other hardwoods, including cottonwood, aspen, gum, and mixed hardwoods.....	r/	6,657	r/ 586	8.8	1,094	r/ 7,165	r/ 15.3
32111319XX	Hardwoods, n.s.k.....	r/	7,889	(X)	(X)	(X)	r/ 7,889	(X)

n.s.k. Not specified by kind. r/Revised by 5 percent or more from previously published data. X Not applicable.

1/Import and export data were collected in cubic meters. A conversion factor of 2.35973725 thousands of cubic meters per 1 million of board feet was used to convert production from millions of board feet to thousands of cubic meters.

2/Import and export data for 2000 and 1999 do not include cross-ties.

3/Apparent consumption is equal to production plus imports minus exports.

4/The totals for softwoods and hardwoods include the n.s.k. production data.

Note: For a comparison of NAICS-based product codes with Schedule B export codes and HTSUSA import codes, see Table 7.

Table 7. Comparison of NAICS-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2000

Product code	Product description	Export code	Import code
3211133933	Lodgepole pine.....	4407.10.0044 4407.10.0045	4407.10.0044 4407.10.0045
3211133929	Ponderosa pine.....	4407.10.0048 4407.10.0049	4407.10.0048 4407.10.0049
3211133911, 13, 15, 31, 35	Other pine, including southern yellow and eastern white pine.....	4407.10.0042 4407.10.0043 4407.10.0046 4407.10.0047 4407.10.0052 4407.10.0053	4407.10.0042 4407.10.0043 4407.10.0046 4407.10.0047 4407.10.0052 4407.10.0053
3211133925	Douglas fir.....	4407.10.0054 4407.10.0055 4407.10.0056 4407.10.0057	4407.10.0054 4407.10.0055 4407.10.0056 4407.10.0057
3211133921	Western red cedar.....	4407.10.0068 4407.10.0069	4407.10.0068 4407.10.0069
3211133917, 19, 23, 27, 37, 39, 41, 43	Other softwoods, including hemlock, spruce, fir (other than douglas fir), cedar (other than western red cedar, and mixed softwoods.....	4407.10.0001 4407.10.0002 4407.10.0015 4407.10.0016 4407.10.0017 4407.10.0018 4407.10.0019 4407.10.0020 4407.10.0058 4407.10.0059 4407.10.0064 4407.10.0065 4407.10.0066 4407.10.0067 4407.10.0074 4407.10.0075 4407.10.0076 4407.10.0077 4407.10.0082 4407.10.0083 4407.10.0092 4407.10.0093	4407.10.0001 4407.10.0002 4407.10.0015 4407.10.0016 4407.10.0017 4407.10.0018 4407.10.0019 4407.10.0020 4407.10.0058 4407.10.0059 4407.10.0064 4407.10.0065 4407.10.0066 4407.10.0067 4407.10.0074 4407.10.0075 4407.10.0076 4407.10.0077 4407.10.0082 4407.10.0083 4407.10.0092 4407.10.0093
3211131951	Ash.....	4407.99.0065 4407.99.0066	4407.99.0065 4407.99.0066
3211131953	Beech.....	4407.92.0020 4407.92.0040	4407.92.0020 4407.92.0040
3211131955	Birch.....	4407.99.0050 4407.99.0051	4407.99.0050 4407.99.0051
3211131957	Cherry.....	4407.99.0040 4407.99.0041	4407.99.0040 4407.99.0041
3211131965	Hickory and pecan.....	4407.99.0070 4407.99.0071	4407.99.0070 4407.99.0071

Continued

Table 7. Comparison of NAICS-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2000

Product code	Product description	Export code	Import code
3211131967, Maple..... 69		4407.99.0020	4407.99.0020
		4407.99.0021	4407.99.0021
		4407.99.0025	4407.99.0025
3211131971 Red oak.....		4407.91.0020	4407.91.0020
		4407.91.0021	4407.91.0021
3211131973 White oak.....		4407.91.0060	4407.91.0060
		4407.91.0061	4407.91.0061
3211131975 Black walnut.....		4407.99.0075	4407.99.0075
		4407.99.0076	4407.99.0076
3211131977 Yellow-poplar.....		4407.99.0045	4407.99.0045
		4407.99.0046	4407.99.0046
3211131959, Other hardwoods, including cottonwood, aspen, and gum..... 61, 63, 79, 81, 83		4407.24.0000	4407.24.0005
			4407.24.0010
			4407.24.0025
			4407.24.0030
			4407.24.0090
			4407.24.0095
		4407.25.0000	4407.25.0000
		4407.26.0000	4407.26.0000
		4407.29.0000	4407.29.0005
			4407.29.0010
			4407.29.0025
			4407.29.0030
			4407.29.0090
			4407.29.0095
		4407.99.0030	4407.99.0030
		4407.99.0031	4407.99.0031
		4407.99.0090	4407.99.0047
			4407.99.0048
			4407.99.0091
		4407.99.0095	4407.99.0096

Sources: 2000 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States; Harmonized Tariff Schedule of the United States, Annotated (2000).