Table 9—Net volume of softwood sawtimber on timberland in the United States, by ownership, region, and State, 1952, 1962, 1970, 1977, and 1987, continued

Region and State	Forest industry					Farmer and other private				
	1987	1977	1970	1962	1952	1987	1977	1970	1962	1952
	Million board feet, international 1/4-inch rule									
Northeast:										
Connecticut	0	0	0	0	0	1,198	1,170	932	323	240
Delaware	15	77	35	40	37	485	310	419	444	495
Maine	16,900	13,570	12,615	8,475	7,237	14,604	11,318	10,521	11,396	9,731
Maryland	166	224	140	135	122	1,842	1,382	1,476	1,432	1,293
Massachusetts	222	85	280	214	110	4,587	3,304	2,702	2,073	1,062
New Hampshire	891	1,318	1,166	1,016	915	6,938	6,551	4,751	4,139	3,726
New Jersey	0	0	1	1	1	735	427	521	506	369
New York	1,100	855	801	745	695	11,156	6,256	5,855	5,449	5,080
Pennsylvania	312	144	133	125	116	3,817	2,880	2,654	2,491	2,310
Rhode Island	0	0	0	0	0	101	282	167	40	27
Vermont	334	488	521	399	470	4,332	3,422	2,862	2,193	2,584
West Virginia	405	307	70	53	51	1,769	1,722	1,183	897	856
Total	20,345	17,068	15,762	11,203	9,754	51,564	39,024	34,043	31,383	27,773
North Central:										
Illinois	0	1	1	2	2	112	93	80	64	27
Indiana	0	1	0	1	0	490	166	126	91	29
Iowa	0	0	0	0	0	19	14	11	7	6
Michigan	2,813	2,611	2,470	2,079	1,836	7,135	5,610	4,542	3,821	2,330
Minnesota	936	597	568	531	480	2,952	2,028	1,680	1,393	1,197
Missouri	71	35	30	24	19	863	520	451	315	306
Ohio	0	0	20	18	17	843	752	298	270	257
Wisconsin	1,246	1,982	1,518	1,180	301	4,902	4,135	3,167	2,458	2,238
Total	5,066	5,227	4,607	3,835	2,655	17,316	13,318	10,355	8,419	6,390
Great Plains:										
Kansas	0	0	0	0	0	14	1	0	0	0
Nebraska	0	0	0	0	0	571	460	382	293	182
North Dakota	0	0	0	0	0	7	0	0	0	0
South Dakota	50	63	38	35	32	1,128	580	582	535	476
Total	50	63	38	35	32	1,720	1,041	964	828	658
Southeast:										
Florida	6,046	7,269	6,640	5,807	4,610	13,299	11,387	10,399	9,454	7,713
Georgia	9,424	8,111	7,427	6,952	6,161	37,782	35,306	32,281	25,416	22,524
North Carolina	3,993	3,331	3,951	4,471	4,559	31,064	29,108	25,425	22,270	20,463
South Carolina	5,594	4,359	4,268	3,551	2,783	22,588	19,375	14,898	12,435	10,732
Virginia	2,573	2,590	2,584	2,402	2,377	12,779	11,696	10,629	9,995	9,890
Total	27,630	25,660	24,870	23,183	20,490	117,512	106,872	93,632	79,570	71,322
South Central:										
Alabama	9,667	11,683	11,990	9,672	6,275	26,395	28,162	25,159	20,509	13,596
Arkansas	14,385	13,181	11,687	13,309	11,617	13,627	10,719	8,813	4,390	2,245
Kentucky	15	15	51	39	48	2,032	1,631	1,205	923	1,133
Louisiana	11,863	11,653	11,252	11,055	9,144	28,320	22,146	19,302	12,922	8,757
Mississippi	6,741	6,392	5,960	5,290	6,571	23,043	20,875	15,511	8,928	3,252
Oklahoma	1,264	1,924	1,839	1,463	1,241	1,506	997	630	373	216
Tennessee	912	612	446	276	258	5,362	3,598	2,768	2,506	2,030
Texas	9,878	14,511	14,629	11,487	7,995	19,385	15,364	10,673	7,287	5,064
Total	54,725	59,971	57,854	52,591	43,149	119,670	103,492	84,061	57,838	36,293
Pacific Northwest:										
Alaska	0	0	0	0	0	30,572	2,764	1,270	1,156	946
Oregon	50,525	65,030	76,705	96,680	128,081	28,705	23,745	35,593	34,030	42,950
Washington	77,732	75,974	83,903	93,443	108,184	42,663	35,792	34,592	32,046	29,400
Total	128,257	141,004	160,608	190,123	236,265	101,940	62,301	71,455	67,232	73,296
Pacific Southwest:										
California	44,176	40,883	44,920	51,532	63,406	54,964	50,397	52,470	67,881	86,457
Hawaii	0	0	0	0	0	6	6	6	5	6
Total	44,176	40,883	44,920	51,532	63,406	54,970	50,403	52,476	67,886	86,463
Rocky Mountains:										
Arizona	0	0	0	0	0	209	359	359	380	416
Colorado	0	75	75	71	67	10,520	8,557	8,557	8,127	7,641
Idaho	9,888	13,290	14,926	16,090	17,664	11,858	15,904	15,904	15,501	15,502
Montana	11,052	9,526	11,364	13,484	15,173	11,735	17,432	17,432	17,567	17,001
Nevada	0	86	86	84	84	837	809	809	787	783
New Mexico	13	0	430	447	477	4,574	5,997	5,566	5,776	6,173
Utah	0	0	0	0	0	2,062	1,413	1,413	1,560	1,834
Wyoming	175	220	220	208	189	3,969	2,543	2,543	2,404	2,188
Total	21,128	23,197	27,101	30,384	33,654	45,764	53,014	52,583	52,102	51,538
United States:	301,377	313,073	335,760	362,886	409,405	510,456	429,465	399,569	365,258	353,733

Note: Data may not add to totals because of rounding.

Table 10—Net volume of hardwood sawtimber on timberland in the United States, by ownership, region, and State, 1952, 1962, 1970, 1977, and 1987

Region and State	All owners					National Forest					Other Public				
	1987	1977	1970	1962	1952	1987	1977	1970	1962	1952	1987	1977	1970	1962	1952
	Million board feet, International 1/4-inch rule														
Northeast:															
Connecticut	6,138	4,565	3,556	2,961	1,596	0	0	0	0	0	986	359	302	251	135
Delaware	1,251	985	901	734	573	0	0	0	0	0	49	41	10	8	7
Maine	13,987	10,887	11,064	10,556	9,807	32	103	105	41	42	447	103	104	97	98
Maryland	11,160	6,440	5,746	5,462	5,042	0	0	0	0	0	1,218	576	310	294	271
Massachusetts	5,878	3,700	2,633	1,892	1,360	0	0	0	0	0	995	425	237	170	122
New Hampshire	8,267	5,958	5,588	4,652	3,075	1,767	1,322	2,043	1,701	1,124	429	207	109	91	60
New Jersey	2,742	2,553	2,468	2,395	2,325	0	0	0	0	0	737	356	69	67	65
New York	35,395	18,318	17,707	16,972	16,096	13	0	0	0	0	3,066	1,258	1,216	1,166	1,106
Pennsylvania	47,363	30,538	26,183	21,908	16,671	3,318	2,039	1,096	917	698	12,380	5,871	5,034	4,212	3,205
Rhode Island	729	408	344	308	137	0	0	0	0	0	204	27	44	40	18
Vermont	8,727	6,192	5,529	4,124	4,626	822	355	561	422	473	1,090	335	263	196	220
West Virginia	30,070	26,033	22,828	20,887	22,716	3,895	3,585	2,058	1,883	2,048	1,004	509	805	736	801
Total	171,707	116,577	104,547	92,851	84,024	9,847	7,404	5,863	4,964	4,385	22,605	10,067	8,503	7,328	6,108
North Central:															
Illinois	17,156	14,665	12,923	10,931	9,488	924	738	608	459	245	962	658	445	202	133
Indiana	18,600	10,713	10,596	10,665	8,754	770	344	340	341	165	1,930	787	778	789	607
Iowa	4,264	3,406	3,790	4,540	5,054	0	0	0	9	4	502	376	303	174	67
Michigan	34,049	29,155	25,729	23,365	16,764	3,519	2,492	1,772	1,612	865	5,320	5,250	5,201	4,720	3,070
Minnesota	19,801	16,077	12,088	8,742	6,272	1,612	1,740	1,050	608	312	6,575	5,023	3,959	2,759	1,552
Missouri	19,237	13,978	13,793	13,516	13,418	2,290	1,563	1,542	1,199	751	730	407	401	205	215
Ohio	21,382	19,530	14,203	13,147	11,039	654	609	344	318	267	1,173	1,232	883	817	686
Wisconsin	27,344	20,614	16,982	13,206	10,259	1,942	1,084	893	687	687	4,655	2,672	2,201	1,717	1,672
Total	161,833	128,138	110,104	98,112	81,048	11,711	8,570	6,549	5,233	3,296	21,847	16,405	14,171	11,383	8,002
Great Plains:															
Kansas	2,976	2,019	1,881	1,795	1,707	0	0	0	0	0	174	91	85	81	62
Nebraska	1,185	1,153	1,130	1,103	1,071	5	4	3	1	0	65	55	48	40	30
North Dakota	569	474	447	456	509	0	0	0	0	0	67	146	137	141	157
South Dakota	205	401	300	243	215	5	7	5	5	5	36	54	40	33	29
Total	4,935	4,047	3,758	3,597	3,502	10	11	8	6	5	342	346	310	295	278
Southeast:															
Florida	14,855	12,070	11,220	10,298	9,208	500	453	454	332	250	729	564	333	251	193
Georgia	39,417	30,375	28,211	24,155	0	2,567	2,206	2,103	2,077	1,841	1,518	1,067	847	675	599
North Carolina	52,930	41,419	36,289	31,775	29,710	5,596	3,745	3,339	3,019	2,258	1,478	880	871	826	475
South Carolina	26,700	20,416	17,600	15,695	14,259	1,278	951	768	601	409	948	671	529	408	261
Virginia	49,550	37,638	32,187	28,234	25,440	5,163	3,955	3,098	2,087	1,881	2,104	1,599	1,151	562	506
Total	183,452	141,918	125,507	110,157	78,617	15,104	11,310	9,762	8,116	6,639	6,777	4,781	3,731	2,722	2,034
South Central:															
Alabama	24,726	21,931	20,712	18,443	18,194	762	584	583	519	421	862	516	415	369	247
Arkansas	28,807	20,234	21,135	22,828	25,033	3,587	2,570	2,382	2,509	1,509	2,300	1,424	1,431	1,851	1,086
Kentucky	31,682	26,850	23,537	19,897	21,312	1,625	1,570	811	685	734	772	713	857	724	776
Louisiana	25,290	24,171	24,402	26,486	22,423	808	670	377	345	209	2,221	1,058	545	523	402
Mississippi	30,141	25,326	16,653	16,081	16,839	2,181	1,655	906	874	314	1,259	1,276	1,006	525	508
Oklahoma	3,008	2,491	2,329	1,844	1,988	274	246	111	97	74	440	292	199	70	74
Tennessee	34,795	25,173	21,638	19,430	18,132	1,827	1,334	1,233	1,071	784	2,253	1,529	1,545	1,076	975
Texas	15,122	13,987	11,360	8,616	10,026	607	403	422	586	447	304	236	216	104	85
Total	193,571	160,163	141,766	133,625	133,947	11,671	9,032	6,825	6,686	4,492	10,411	7,044	6,214	5,242	4,153
Pacific Northwest:															
Alaska	7,827	9,883	9,982	10,038	10,164	492	835	867	873	872	2,937	8,794	8,898	8,986	9,206
Oregon	14,776[a]	16,986	23,046	19,635	15,801	81[a]	4,739	4,925	4,488	3,617	3,863	4,024	3,579	2,672	2,002
Washington	23,295[a]	16,996	15,321	11,839	7,941	8[a]	638	720	663	524	4,718	3,110	2,761	2,061	1,292
Total	45,898	43,865	48,349	41,512	33,906	581	6,212	6,512	6,024	5,013	11,518	15,928	15,238	13,719	12,500
Pacific Southwest:															
California	22,792	8,075	7,286	5,725	5,575	9,765	2,955	2,120	2,237	2,274	1,447	572	525	403	474
Hawaii	1,178	1,030	1,030	722	722	0	0	0	0	0	553	447	447	327	327
Total	23,970	9,105	8,316	6,447	6,297	9,765	2,955	2,120	2,237	2,274	2,000	1,019	972	730	801
Rocky Mountains:															
Arizona	1,277	648	679	646	572	629	424	455	434	376	648	100	100	94	87
Colorado	5,460	4,257	4,085	3,833	3,518	3,295	3,021	2,849	2,677	2,465	437	280	280	262	239
Idaho	983	568	647	738	763	220	105	165	225	209	276	165	165	164	159
Montana	1,284	1,097	1,098	1,078	1,018	93	85	82	84	76	117	271	271	263	248
Nevada	38	25	24	27	24	36	25	24	27	24	2	0	0	0	0
New Mexico	1,292	1,573	1,574	1,506	1,372	974	463	464	448	385	47	95	95	91	85
Utah	1,441	1,209	1,478	1,475	1,417	878	785	1,052	1,054	1,000	163	133	133	132	131
Wyoming	517	397	367	320	291	96	106	76	46	43	88	111	111	104	95
Total	12,292	9,774	9,950	9,623	8,975	6,221	5,014	5,167	4,995	4,578	1,778	1,155	1,155	1,110	1,044
United States:	797,658	613,587	552,297	495,924	430,316	64,910	50,508	42,806	38,261	30,682	77,278	56,745	50,294	42,529	34,920

Table 10—Net volume of hardwood sawtimber on timberland in the United States, by ownership, region, and State, 1952, 1962, 1970, 1977, and 1987, continued

Region and State	Forest Industry 1987	1977	1970	1962	1952	Farmer and other private 1987	1977	1970	1962	1952
	Million board feet, International 1/4-inch rule									
Northeast:										
Connecticut	0	0	7	6	3	5,152	4,206	3,247	2,704	1,458
Delaware	23	13	68	60	39	1,179	931	823	666	527
Maine	7,803	6,347	6,451	4,421	4,102	5,705	4,334	4,404	5,997	5,565
Maryland	257	148	58	55	51	9,685	5,716	5,378	5,113	4,720
Massachusetts	193	30	224	161	116	4,690	3,245	2,172	1,561	1,122
New Hampshire	1,187	1,061	674	561	371	4,884	3,368	2,762	2,299	1,520
New Jersey	0	45	5	5	5	2,005	2,152	2,394	2,323	2,255
New York	3,096	2,064	1,995	1,912	1,813	29,220	14,996	14,496	13,894	13,177
Pennsylvania	3,055	1,284	1,101	921	701	28,610	21,344	18,952	15,858	12,067
Rhode Island	0	0	0	0	0	525	381	300	268	119
Vermont	776	1,170	1,016	760	853	6,039	4,332	3,689	2,746	3,080
West Virginia	3,240	2,591	1,312	1,200	1,305	21,931	19,348	18,653	17,068	18,562
Total	19,630	14,753	12,911	10,062	9,359	119,625	84,353	77,270	70,497	64,172
North Central:										
Illinois	61	54	50	45	61	15,209	13,215	11,820	10,225	9,049
Indiana	95	64	63	64	64	15,805	9,518	9,415	9,471	7,918
Iowa	0	38	30	14	19	3,762	2,992	3,457	4,343	4,964
Michigan	4,777	4,576	4,436	4,019	3,370	20,433	16,837	14,320	13,014	9,459
Minnesota	806	662	534	385	288	10,808	8,652	6,545	4,990	4,120
Missouri	423	373	368	188	215	15,794	11,635	11,482	11,924	12,237
Ohio	353	564	408	377	317	19,202	17,125	12,568	11,635	9,769
Wisconsin	1,991	2,263	1,864	1,453	708	18,756	14,595	12,024	9,349	7,192
Total	8,506	8,594	7,753	6,545	5,042	119,769	94,569	81,631	74,951	64,708
Great Plains:										
Kansas	0	0	0	0	0	2,802	1,928	1,796	1,714	1,645
Nebraska	0	0	0	0	0	1,115	1,094	1,079	1,062	1,041
North Dakota	0	0	0	0	0	502	328	310	315	352
South Dakota	0	1	0	0	0	164	339	255	205	181
Total	0	1	0	0	0	4,583	3,689	3,440	3,296	3,219
Southeast:										
Florida	4,031	3,905	3,686	3,427	3,088	9,595	7,148	6,747	6,288	5,677
Georgia	6,817	5,269	4,911	3,383	2,996	28,515	21,833	20,350	18,020	15,966
North Carolina	4,143	3,184	3,266	3,241	4,249	41,713	33,610	28,813	24,689	22,728
South Carolina	4,957	3,843	3,850	3,075	2,375	19,517	14,951	12,453	11,611	11,214
Virginia	3,042	2,452	2,317	2,526	2,277	39,241	29,632	25,621	23,059	20,776
Total	22,990	18,653	18,030	15,652	14,985	138,581	107,174	93,984	83,667	76,361
South Central:										
Alabama	4,409	4,066	3,406	3,011	2,735	18,693	16,765	16,308	14,544	14,791
Arkansas	7,219	5,186	5,255	5,982	3,710	15,701	11,054	12,067	12,486	18,728
Kentucky	520	555	818	692	741	28,765	24,012	21,051	17,796	19,061
Louisiana	5,210	6,200	5,263	4,205	3,363	17,051	16,243	18,217	21,413	18,449
Mississippi	4,501	4,720	2,635	1,703	1,327	22,200	17,675	12,106	12,979	14,690
Oklahoma	330	487	370	244	261	1,965	1,466	1,649	1,433	1,579
Tennessee	2,930	2,406	1,925	1,233	951	27,784	19,904	16,935	16,050	15,422
Texas	3,858	4,025	3,444	2,406	2,489	10,353	9,323	7,278	5,520	7,005
Total	28,977	27,645	23,116	19,476	15,577	142,512	116,442	105,611	102,221	109,725
Pacific Northwest:										
Alaska	0	0	0	0	0	4,398	254	217	179	86
Oregon	4,509	3,909	5,612	5,023	4,093	6,323	4,314	8,930	7,452	6,089
Washington	8,382	5,753	5,150	3,770	2,319	10,187	7,495	6,690	5,345	3,806
Total	12,891	9,662	10,762	8,793	6,412	20,908	12,063	15,837	12,976	9,981
Pacific Southwest:										
California	3,311	1,206	1,355	896	714	8,269	3,342	3,286	2,189	2,113
Hawaii	0	0	0	0	0	625	583	583	395	395
Total	3,311	1,206	1,355	896	714	8,894	3,925	3,869	2,584	2,508
Rocky Mountains:										
Arizona	0	0	0	0	0	0	124	124	118	109
Colorado	0	1	1	1	1	1,728	955	955	893	813
Idaho	70	97	116	140	168	417	201	201	209	227
Montana	43	21	25	29	32	1,031	720	720	702	662
Nevada	0	0	0	0	0	0	0	0	0	0
New Mexico	2	0	52	50	46	269	1,015	963	917	856
Utah	0	0	0	0	0	400	291	291	289	286
Wyoming	0	3	3	3	2	333	177	177	167	151
Total	115	122	197	223	249	4,178	3,483	3,431	3,295	3,104
United States:	96,420	80,636	74,124	61,647	52,338	559,050	425,698	385,073	353,487	333,778

Note: Data may not add to totals because of rounding.

[a] Estimates of hardwood volume for 1987 are not available for most National Forests in Oregon and Washington.

Table 11–Net volume of softwood growing stock on timberland in the Eastern United States, by species, region, and State, 1987

Region and State	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
					Million cubic feet					
Northeast:										
Connecticut	417	0	0	6	165	0	14	216	0	16
Delaware	173	0	140	33	0	0	0	0	0	0
Maine	14,511	0	0	0	1,774	0	9,647	1,294	0	1,796
Maryland	806	0	469	249	50	0	0	0	0	38
Massachusetts	1,691	0	0	78	1,127	0	75	372	0	39
New Hampshire	3,411	0	0	0	1,557	0	1,238	558	0	58
New Jersey	560	0	49	385	20	0	0	0	0	106
New York	4,937	0	0	0	1,914	0	921	1,747	0	355
Pennsylvania	1,768	0	0	222	641	0	0	872	0	33
Rhode Island	58	0	0	6	52	0	0	0	0	0
Vermont	2,007	0	0	0	468	0	918	519	0	102
West Virginia	1,060	0	0	565	134	0	165	196	0	0
Total	31,399	0	658	1,544	7,902	0	12,978	5,774	0	2,543
North Central:										
Illinois	119	0	64	0	30	1	0	0	9	15
Indiana	200	0	30	47	47	5	0	0	8	63
Iowa	6	0	0	0	0	0	0	0	0	6
Michigan	6,564	0	0	0	1,879	668	1,763	549	0	1,705
Minnesota	4,087	0	0	0	800	434	1,965	0	0	888
Missouri	602	0	468	0	0	0	0	0	14	120
Ohio	324	0	0	110	89	0	0	0	0	125
Wisconsin	4,110	0	0	0	1,552	538	985	327	0	708
Total	16,012	0	562	157	4,397	1,646	4,713	876	31	3,630
Great Plains:										
Kansas	6	0	0	0	0	0	0	0	0	6
Nebraska	180	0	0	0	0	3	0	0	0	177
North Dakota	3	0	0	0	0	0	0	0	0	3
South Dakota	1,724	0	0	0	0	0	61	0	0	1,663
Total	1,913	0	0	0	0	3	61	0	0	1,849
Southeast:										
Florida	8,733	5,139	639	549	0	0	0	0	2,328	78
Georgia	16,092	5,425	8,726	898	194	0	0	21	806	22
North Carolina	11,242	572	6,988	2,330	593	0	18	185	421	135
South Carolina	8,831	1,147	6,331	709	34	0	0	11	524	75
Virginia	5,898	0	2,970	2,111	544	0	4	151	43	75
Total	50,796	12,283	25,654	6,597	1,365	0	22	368	4,122	385
South Central:										
Alabama	11,324	2,074	8,089	868	0	0	0	15	195	83
Arkansas	8,585	0	8,264	0	0	0	0	0	215	106
Kentucky	1,114	0	425	427	0	0	0	0	0	262
Louisiana	10,555	1,231	7,729	126	0	0	0	0	1,464	5
Mississippi	9,746	1,386	7,968	163	0	0	0	0	181	48
Oklahoma	998	0	986	0	0	0	0	0	0	12
Tennessee	2,713	0	1,051	1,088	207	0	1	100	73	193
Texas	7,962	348	7,493	0	0	0	0	0	97	24
Total	52,997	5,039	42,005	2,672	207	0	1	115	2,225	733
Eastern total:	153,117	17,322	68,879	10,970	13,871	1,649	17,775	7,133	6,378	9,140

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 12--Net volume of hardwood growing stock on timberland in the Eastern United States, by species, region, and State, 1987

Region and State	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
					Million cubic feet					
Northeast:										
Connecticut	2,300	175	438	0	278	127	36	115	583	53
Delaware	474	67	15	6	81	7	0	0	110	10
Maine	7,942	0	0	17	394	0	910	1,293	1,772	623
Maryland	3,682	407	282	258	487	137	0	57	492	147
Massachusetts	3,042	0	551	127	362	47	90	182	866	92
New Hampshire	4,475	74	643	0	0	0	441	637	1,045	377
New Jersey	1,322	195	140	153	301	71	0	21	117	15
New York	15,151	340	1,313	349	219	374	637	3,204	3,048	1,288
Pennsylvania	19,996	1,383	2,598	2,058	1,305	557	182	1,993	3,369	902
Rhode Island	363	0	71	40	110	6	6	1	95	4
Vermont	4,241	24	200	0	0	0	495	1,435	601	327
West Virginia	14,780	1,527	1,527	1,634	1,685	1,388	167	894	983	723
Total	77,768	4,192	7,778	4,642	5,222	2,714	2,964	9,832	13,081	4,561
North Central:										
Illinois	4,723	885	316	134	746	524	0	165	343	13
Indiana	5,018	673	290	126	499	576	0	455	243	145
Iowa	1,246	237	137	0	59	84	0	44	143	40
Michigan	14,421	467	1,106	0	197	123	436	3,034	2,604	362
Minnesota	9,647	448	699	0	12	21	14	347	256	0
Missouri	7,323	1,686	361	880	2,317	670	0	67	116	1
Ohio	7,230	941	446	387	661	712	0	531	433	263
Wisconsin	12,298	664	1,420	0	584	202	224	1,694	1,406	30
Total	61,906	6,001	4,775	1,527	5,075	2,912	674	6,337	5,544	854
Great Plains:										
Kansas	853	113	56	22	31	45	0	1	27	0
Nebraska	312	44	6	0	0	4	0	0	6	0
North Dakota	243	38	0	0	0	0	0	0	0	0
South Dakota	74	4	0	0	0	0	0	0	0	0
Total	1,482	199	62	22	31	49	0	1	33	0
Southeast:										
Florida	5,095	31	5	413	1,079	131	0	12	386	11
Georgia	14,590	1,124	415	918	3,322	843	0	18	794	69
North Carolina	17,711	1,762	906	1,340	2,322	871	46	123	1,809	286
South Carolina	8,901	683	228	325	1,894	397	0	7	604	41
Virginia	17,058	2,532	1,268	2,116	2,477	1,141	10	204	1,224	450
Total	63,355	6,132	2,822	5,112	11,094	3,383	56	364	4,817	857
South Central:										
Alabama	10,480	925	313	726	2,423	1,051	0	23	178	73
Arkansas	10,649	1,618	882	1,242	2,412	1,121	0	34	107	49
Kentucky	13,501	1,937	832	1,381	2,226	1,911	0	562	523	618
Louisiana	8,444	368	298	476	1,870	563	0	4	215	128
Mississippi	10,069	893	563	660	2,441	752	0	7	169	97
Oklahoma	1,229	117	89	311	274	158	0	1	16	0
Tennessee	11,577	1,800	767	1,288	1,961	1,492	6	298	457	195
Texas	4,920	315	225	638	1,454	206	0	4	54	33
Total	70,869	7,973	3,969	6,722	15,061	7,254	6	933	1,719	1,193
Eastern total:	275,380	24,497	19,406	18,025	36,483	16,312	3,700	17,467	25,194	7,465

Table 12–Net volume of hardwood growing stock on timberland in the Eastern United States, by species, region, and State, 1987, continued

Region and State	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow poplar	Cotton-wood and aspen	Black walnut	Black cherry	Other eastern hard-woods
				Million cubic feet					
Northeast:									
Connecticut	0	0	139	0	0	14	0	29	313
Delaware	85	28	0	0	32	0	0	0	33
Maine	0	0	349	26	0	1,312	0	0	1,246
Maryland	318	132	0	0	556	0	0	0	409
Massachusetts	0	0	144	0	0	66	0	127	388
New Hampshire	0	0	242	19	0	270	0	0	727
New Jersey	83	41	0	0	33	0	9	15	128
New York	0	0	1,143	451	0	835	0	877	1,073
Pennsylvania	0	116	880	341	561	481	67	1,892	1,311
Rhode Island	0	0	16	0	0	3	0	1	10
Vermont	0	0	288	33	0	173	0	0	665
West Virginia	0	158	334	245	1,665	0	126	535	1,189
Total	486	475	3,535	1,115	2,847	3,154	202	3,476	7,492
North Central:									
Illinois	45	28	259	54	53	160	120	89	789
Indiana	63	46	360	67	430	160	127	103	655
Iowa	0	0	0	77	0	97	31	19	278
Michigan	0	0	805	780	14	2,922	29	365	1,177
Minnesota	0	0	753	590	0	4,299	8	15	2,185
Missouri	14	5	151	14	1	62	131	27	820
Ohio	0	0	547	0	576	225	143	339	1,026
Wisconsin	0	0	783	895	0	2,598	23	187	1,588
Total	122	79	3,658	2,477	1,074	10,523	612	1,144	8,518
Great Plains:									
Kansas	0	0	71	8	0	155	65	0	259
Nebraska	0	0	28	6	0	150	7	0	61
North Dakota	0	0	40	13	0	110	0	0	42
South Dakota	0	0	13	1	0	48	0	0	8
Total	0	0	152	28	0	463	72	0	370
Southeast:									
Florida	473	1,396	328	11	52	1	0	4	762
Georgia	2,199	2,276	279	12	1,402	9	11	60	839
North Carolina	1,827	1,767	431	116	2,764	26	43	76	1,196
South Carolina	1,725	1,535	298	2	656	60	8	21	417
Virginia	856	422	276	143	2,851	7	103	45	933
Total	7,080	7,396	1,612	284	7,725	103	165	206	4,147
South Central:									
Alabama	1,744	963	286	25	800	11	8	0	931
Arkansas	1,523	335	260	11	5	128	18	0	904
Kentucky	167	283	429	135	1,286	0	160	0	1,051
Louisiana	1,577	1,146	434	4	53	171	0	0	1,137
Mississippi	1,667	721	265	18	444	151	6	0	1,215
Oklahoma	24	18	54	0	0	41	4	0	122
Tennessee	436	241	350	64	1,256	42	83	0	841
Texas	1,105	255	141	0	0	36	2	0	452
Total	8,243	3,962	2,219	257	3,844	580	281	0	6,653
Eastern total:	15,931	11,912	11,176	4,161	15,490	14,823	1,332	4,826	27,180

Note: Data may not add to totals because of rounding. Volume by State in this table may differ from volume by State in other tables because of rounding.

Table 13–Net volume of softwood sawtimber on timberland in the Eastern United States, by species, region, and State, 1987

Region and State	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
	Million board feet, International 1/4-inch rule									
Northeast:										
Connecticut	1,464	0	0	9	658	0	4	778	0	15
Delaware	525	0	437	88	0	0	0	0	0	0
Maine	32,860	0	0	0	6,630	0	18,893	3,624	0	3,713
Maryland	2,252	0	1,407	631	96	0	0	0	0	118
Massachusetts	5,722	0	0	171	4,221	0	193	1,076	0	61
New Hampshire	9,482	0	0	0	5,378	0	2,450	1,518	0	136
New Jersey	1,237	0	141	773	54	0	0	0	0	269
New York	14,016	0	0	0	6,076	0	1,925	5,327	0	688
Pennsylvania	4,868	0	0	553	1,803	0	0	2,459	0	53
Rhode Island	187	0	0	12	171	0	0	0	0	4
Vermont	5,116	0	0	0	1,481	0	2,034	1,430	0	171
West Virginia	2,758	0	0	319	348	0	600	534	0	957
Total	80,487	0	1,985	2,556	26,916	0	26,099	16,746	0	6,185
North Central:										
Illinois	338	0	177	0	84	0	0	0	50	27
Indiana	618	0	89	184	163	19	0	0	42	121
Iowa	20	0	0	0	1	0	0	0	0	19
Michigan	18,447	0	0	0	5,931	1,581	4,432	2,643	0	3,860
Minnesota	11,196	0	0	0	3,375	1,171	4,512	0	0	2,138
Missouri	2,071	0	1,725	0	0	0	0	0	65	281
Ohio	976	0	0	325	221	0	0	0	0	430
Wisconsin	11,592	0	0	0	5,006	1,075	2,418	1,543	0	1,550
Total	45,258	0	1,991	509	14,781	3,846	11,362	4,186	157	8,426
Great Plains:										
Kansas	14	0	0	0	0	0	0	0	0	14
Nebraska	760	0	0	0	0	8	0	0	0	752
North Dakota	7	0	0	0	0	0	0	0	0	7
South Dakota	6,031	0	0	0	0	0	238	0	0	5,793
Total	6,812	0	0	0	0	8	238	0	0	6,566
Southeast:										
Florida	25,678	14,411	2,803	1,487	0	0	0	0	6,679	298
Georgia	52,890	15,957	30,718	2,424	951	0	0	84	2,706	50
North Carolina	38,952	1,882	25,231	6,110	2,630	0	61	820	1,923	295
South Carolina	34,079	4,247	24,803	2,447	166	0	0	43	2,250	123
Virginia	17,490	0	9,311	4,939	2,250	0	13	646	220	111
Total	169,089	36,497	92,866	17,407	5,997	0	74	1,593	13,778	877
South Central:										
Alabama	39,784	7,499	29,374	2,437	0	0	0	19	285	170
Arkansas	35,700	4	34,520	0	0	0	0	0	1,024	152
Kentucky	2,464	0	988	988	0	0	0	0	0	488
Louisiana	45,447	3,782	35,812	633	0	0	0	0	5,202	18
Mississippi	38,427	5,318	31,360	796	0	0	0	0	843	110
Oklahoma	3,681	0	3,660	0	0	0	0	0	0	21
Tennessee	8,659	0	3,417	3,139	933	0	0	448	446	276
Texas	36,884	1,158	35,284	0	0	0	0	0	377	65
Total	211,046	17,761	174,415	7,993	933	0	0	467	8,177	1,300
Eastern total:	512,692	54,258	271,257	28,465	48,627	3,854	37,773	22,992	22,112	23,354

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 14--Net volume of hardwood sawtimber on timberland in the Eastern United States, by species, region, and State, 1987

Region and State	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
	Million board feet, International 1/4-inch rule									
Northeast:										
Connecticut	6,140	530	1,458	0	826	304	65	303	1,380	152
Delaware	1,259	210	52	19	237	18	0	0	216	36
Maine	13,991	0	0	23	783	0	2,153	3,406	2,553	1,198
Maryland	11,167	1,208	988	701	1,653	362	0	128	1,235	525
Massachusetts	5,872	0	1,430	216	652	76	160	417	1,496	245
New Hampshire	8,268	155	1,402	0	0	0	1,010	1,475	1,423	971
New Jersey	2,740	438	415	316	679	116	0	61	137	36
New York	35,399	1,042	4,077	633	600	701	1,670	8,038	5,954	3,315
Pennsylvania	47,351	3,616	8,626	4,280	4,020	1,303	184	4,133	5,628	2,202
Rhode Island	727	0	169	73	209	7	5	2	178	15
Vermont	8,732	58	539	0	0	0	1,062	3,245	1,065	755
West Virginia	30,072	3,204	3,847	3,324	4,029	2,069	197	1,394	1,306	1,752
Total	171,718	10,461	23,003	9,585	13,688	4,956	6,506	22,602	22,571	11,202
North Central:										
Illinois	17,165	3,850	1,401	488	3,092	1,560	0	534	1,233	55
Indiana	18,602	2,873	1,315	532	2,161	1,943	0	1,413	810	606
Iowa	4,270	889	594	4	211	179	0	167	488	0
Michigan	34,053	1,443	3,435	0	593	333	1,392	7,395	5,394	1,209
Minnesota	19,804	1,258	2,177	0	47	40	58	774	328	0
Missouri	19,229	4,448	1,251	1,880	6,458	1,406	0	170	430	9
Ohio	21,382	3,369	1,719	1,278	2,501	1,849	0	1,447	962	989
Wisconsin	27,342	2,241	4,674	0	1,815	370	647	3,855	2,185	112
Total	161,847	20,371	16,566	4,182	16,878	7,680	2,097	15,755	11,830	2,980
Great Plains:										
Kansas	2,980	445	208	38	102	111	0	7	119	0
Nebraska	1,186	134	21	1	1	4	0	0	15	0
North Dakota	570	79	0	0	0	0	0	0	0	0
South Dakota	204	11	0	0	0	0	0	0	3	0
Total	4,940	669	229	39	103	115	0	7	137	0
Southeast:										
Florida	14,850	113	16	2,012	3,390	427	0	46	928	40
Georgia	39,418	3,113	1,328	2,743	9,894	2,246	0	22	1,717	244
North Carolina	52,930	5,542	3,308	4,055	7,093	2,544	122	380	3,883	842
South Carolina	26,697	2,077	837	968	5,904	1,189	0	15	1,319	117
Virginia	49,553	7,428	4,525	5,775	7,154	3,026	31	526	2,449	1,371
Total	183,448	18,273	10,014	15,553	33,435	9,432	153	989	10,296	2,614
South Central:										
Alabama	24,724	2,470	1,070	1,570	6,050	2,586	0	44	330	287
Arkansas	28,804	3,677	2,874	3,003	7,290	2,730	0	41	173	202
Kentucky	31,681	4,714	2,543	3,435	5,983	3,705	0	1,050	953	2,078
Louisiana	25,293	1,091	1,039	1,621	6,254	1,842	0	14	336	542
Mississippi	30,137	3,073	2,111	1,799	7,572	2,556	0	20	279	453
Oklahoma	3,011	243	291	558	802	312	0	6	42	0
Tennessee	34,793	5,336	2,849	3,827	6,347	4,073	40	765	865	674
Texas	15,121	1,199	928	1,903	5,126	629	0	7	51	170
Total	193,564	21,803	13,705	17,716	45,424	18,433	40	1,947	3,029	4,406
Eastern total:	715,517	71,577	63,517	47,075	109,528	40,616	8,796	41,300	47,863	21,202

Table 14–Net volume of hardwood sawtimber on timberland in the Eastern United States, by species, region, and State, 1987, continued

Region and State	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow poplar	Cotton-wood and aspen	Black walnut	Black cherry	Other eastern hard-woods
	Million board feet, International 1/4-inch rule								
Northeast:									
Connecticut	0	0	310	0	0	31	0	42	739
Delaware	205	47	0	0	145	0	0	0	74
Maine	0	0	571	71	0	2,030	0	0	1,203
Maryland	769	304	0	0	2,336	0	0	0	958
Massachusetts	0	0	375	0	0	120	0	273	412
New Hampshire	0	0	500	37	0	426	0	0	869
New Jersey	167	54	0	0	112	0	16	11	182
New York	0	0	2,387	1,313	0	1,411	0	2,187	2,071
Pennsylvania	0	207	2,324	834	1,942	578	207	5,064	2,203
Rhode Island	0	0	45	0	0	6	0	0	18
Vermont	0	0	593	76	0	395	0	0	944
West Virginia	0	355	709	501	3,927	0	250	1,337	1,871
Total	1,141	967	7,814	2,832	8,462	4,997	473	8,914	11,544
North Central:									
Illinois	156	101	784	209	220	713	368	233	2,168
Indiana	222	156	1,175	254	1,845	698	429	317	1,853
Iowa	0	0	138	259	0	403	93	50	795
Michigan	0	0	1,582	2,205	53	6,380	90	669	1,880
Minnesota	0	0	1,030	1,682	0	9,042	27	23	3,318
Missouri	37	19	323	46	4	264	365	44	2,075
Ohio	0	0	1,432	0	2,027	485	342	733	2,249
Wisconsin	0	0	1,373	2,467	0	4,792	78	271	2,462
Total	415	276	7,837	7,122	4,149	22,777	1,792	2,340	16,800
Great Plains:									
Kansas	0	0	216	24	0	719	186	5	800
Nebraska	0	0	103	29	0	697	16	0	165
North Dakota	0	0	102	57	0	180	0	0	152
South Dakota	0	0	32	3	0	141	0	0	14
Total	0	0	453	113	0	1,737	202	5	1,131
Southeast:									
Florida	1,313	3,825	815	34	173	3	0	7	1,708
Georgia	5,364	5,311	716	28	4,821	28	17	59	1,767
North Carolina	5,052	5,260	1,165	354	10,250	76	92	127	2,785
South Carolina	4,761	4,711	860	6	2,586	270	14	6	1,057
Virginia	2,073	991	732	463	10,306	12	278	129	2,284
Total	18,563	20,098	4,288	885	28,136	389	401	328	9,601
South Central:									
Alabama	2,974	1,737	863	65	2,608	55	22	0	1,993
Arkansas	4,120	932	667	53	37	596	39	0	2,370
Kentucky	328	639	818	317	2,959	0	293	0	1,866
Louisiana	4,226	2,999	1,208	13	203	611	0	0	3,294
Mississippi	3,844	1,878	673	63	1,677	749	25	0	3,365
Oklahoma	81	57	139	0	0	196	17	0	267
Tennessee	1,295	591	984	223	4,718	260	185	0	1,761
Texas	2,584	786	398	1	0	200	8	0	1,131
Total	19,452	9,619	5,750	735	12,202	2,667	589	0	16,047
Eastern total:	39,571	30,960	26,142	11,687	52,949	32,567	3,457	11,587	55,123

Note: Data may not add to totals because of rounding. Volume by State in this table may differ from volume by State in other tables because of rounding.

Table 15--Net volume of growing stock on timberland in the Western United States, by species, region, and State, 1987

Region and State	All species	Softwoods: Total soft-woods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
	Million cubic feet									
Pacific Northwest:										
Alaska	41,260	37,049	0	0	15	15,872	0	0	0	10,144
Oregon	65,941	60,997	33,899	5,531	6,872	6,546	530	409	93	1,077
Washington	61,622	55,016	21,896	3,580	7,000	14,123	0	303	0	658
Total	168,823	153,062	55,795	9,111	13,887	36,541	530	712	93	11,879
Pacific Southwest:										
California	53,778	46,309	12,701	8,695	12,690	42	3,031	319	5,114	36
Hawaii	279	4	0	0	0	0	0	0	0	0
Total	54,057	46,313	12,701	8,695	12,690	42	3,031	319	5,114	36
Rocky Mountains:										
Arizona	6,318	5,983	899	4,159	439	0	0	0	0	0
Colorado	19,458	16,234	1,787	2,062	2,473	0	0	0	0	0
Idaho	32,600	32,096	8,698	2,448	7,243	750	0	1,309	0	0
Montana	28,023	27,620	8,421	2,611	1,930	219	0	255	0	0
Nevada	414	384	0	124	163	2	2	14	0	0
New Mexico	6,127	5,629	1,236	2,885	775	0	0	0	0	0
Utah	4,796	3,913	688	268	1,162	0	0	0	0	0
Wyoming	6,883	6,543	837	989	677	0	0	0	0	0
Total	104,619	98,402	22,566	15,546	14,862	971	2	1,578	0	0
Western total:	327,499	297,777	91,062	33,352	41,439	37,554	3,563	2,609	5,207	11,915

Region and State	Softwoods - continued: Engelmann and other spruces	Western larch	Incense cedar	Lodgepole pine	Other western soft-woods	Hardwoods: Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other western hard-woods
	Million cubic feet									
Pacific Northwest:										
Alaska	6,052	0	0	39	4,927	4,211	1,827	62	0	2,322
Oregon[a]	446	646	895	2,929	1,124	4,944	78	2,759	590	1,517
Washington[a]	747	1,479	881	1,734	2,615	6,606	438	4,961	16	1,191
Total	7,245	2,125	1,776	4,702	8,666	15,761	2,343	7,782	606	5,030
Pacific Southwest:										
California	14	0	2,365	861	441	7,469	20	133	5,728	1,588
Hawaii	0	0	0	0	4	275	0	0	0	275
Total	14	0	2,365	861	445	7,744	20	133	5,728	1,863
Rocky Mountains:										
Arizona	425	0	0	0	61	335	335	0	0	0
Colorado	6,240	0	0	3,592	80	3,224	3,223	0	0	1
Idaho	2,205	2,425	0	5,250	1,768	504	493	0	0	11
Montana	1,725	2,392	0	9,141	926	403	370	0	0	33
Nevada	17	0	3	28	31	30	30	0	0	0
New Mexico	540	0	0	0	193	498	498	0	0	0
Utah	963	0	0	774	58	883	883	0	0	0
Wyoming	1,403	0	0	2,349	288	340	340	0	0	0
Total	13,518	4,817	3	21,134	3,405	6,217	6,172	0	0	45
Western total:	20,777	6,942	4,144	26,697	12,516	29,722	8,535	7,915	6,334	6,938

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

[a] Estimates of hardwood volume are not available for most National Forests in Oregon and Washington.

Table 16--Net volume of sawtimber on timberland in the Western United States, by species, region, and State, 1987

Region and State	All species	Softwoods: Total softwoods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
	Million board feet, International 1/4-inch rule									
Pacific Northwest:										
Alaska	176,148	168,317	0	0	65	71,992	0	0	0	54,395
Oregon	378,657	363,876	205,344	41,859	36,142	39,392	3,274	2,477	583	6,868
Washington	333,965	310,669	128,615	21,010	37,343	80,696	0	1,940	0	3,927
Total	888,770	842,862	333,959	62,869	73,550	192,080	3,274	4,417	583	65,190
Pacific Southwest:										
California	311,963	289,172	80,131	55,481	78,898	206	20,708	2,180	29,921	200
Hawaii	1,195	17	0	0	0	0	0	0	0	0
Total	313,158	289,189	80,131	55,481	78,898	206	20,708	2,180	29,921	200
Rocky Mountains:										
Arizona	30,378	29,102	5,344	19,834	1,471	0	0	0	0	0
Colorado	67,116	61,656	6,397	8,028	8,431	0	0	0	0	0
Idaho	140,565	139,582	41,077	13,443	30,999	2,996	0	6,510	0	0
Montana	92,958	91,673	31,423	10,827	5,892	615	0	1,136	0	0
Nevada	2,095	2,059	1	662	884	5	18	87	0	0
New Mexico	25,141	23,850	5,509	12,387	2,812	0	0	0	0	0
Utah	16,071	14,629	2,925	1,347	3,825	0	0	0	0	0
Wyoming	24,877	24,360	3,264	3,399	1,994	0	0	0	0	0
Total	399,201	386,911	95,940	69,927	56,308	3,616	18	7,733	0	0
Western total:	1,601,129	1,518,962	510,030	188,277	208,756	195,902	24,000	14,330	30,504	65,390

Region and State	Softwoods - continued: Engelmann and other spruces	Western larch	Incense cedar	Lodgepole pine	Other western softwoods	Hardwoods: Total hardwoods	Cottonwood and aspen	Red alder	Oak	Other western hardwoods
	Million board feet, International 1/4-inch rule									
Pacific Northwest:										
Alaska	22,841	0	0	193	18,831	7,831	4,624	147	0	3,060
Oregon[a]	2,873	4,318	5,157	9,705	5,884	14,781	460	9,317	1,174	3,830
Washington[a]	4,467	8,068	5,439	5,706	13,458	23,296	2,208	16,636	22	4,430
Total	30,181	12,386	10,596	15,604	38,173	45,908	7,292	26,100	1,196	11,320
Pacific Southwest:										
California	89	0	13,589	5,260	2,509	22,791	74	400	17,470	4,847
Hawaii	0	0	0	0	17	1,178	0	0	0	1,178
Total	89	0	13,589	5,260	2,526	23,969	74	400	17,470	6,025
Rocky Mountains:										
Arizona	2,177	0	0	0	276	1,276	1,276	0	0	0
Colorado	27,951	0	0	10,533	316	5,460	5,460	0	0	0
Idaho	11,608	10,944	0	14,845	7,160	983	979	0	0	4
Montana	8,059	11,058	0	20,021	2,642	1,285	1,237	0	0	48
Nevada	87	0	19	136	160	36	36	0	0	0
New Mexico	2,396	0	0	0	746	1,291	1,291	0	0	0
Utah	4,261	0	0	2,033	238	1,442	1,442	0	0	0
Wyoming	6,680	0	0	7,848	1,175	517	517	0	0	0
Total	63,219	22,002	19	55,416	12,713	12,290	12,238	0	0	52
Western total:	93,489	34,388	24,204	76,280	53,412	82,167	19,604	26,500	18,666	17,397

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

[a] Estimates of hardwood volume are not available for most National Forests in Oregon and Washington.

Table 17—Net volume of softwood growing stock on timberland in the United States, by diameter class, and region, for 1952, 1962, 1970, 1977, and 1987

Region	Year	Total	Diameter class (inches) 5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
		Million cubic feet										
Northeast	1987	31,399	4,719	6,360	6,001	4,886	3,329	2,274	1,417	899	1,283	231
	1977	30,989	7,639	7,255	5,431	3,877	2,547	1,711	1,018	607	767	138
	1970	27,877	6,918	6,645	4,902	3,460	2,297	1,481	869	540	669	96
	1962	24,030	6,046	5,713	4,061	2,882	1,978	1,304	766	517	677	85
	1952	20,027	4,628	4,734	3,147	2,498	1,791	1,190	721	527	702	90
North Central	1987	16,012	3,429	3,816	2,939	1,964	1,285	865	609	426	598	81
	1977	12,858	3,163	3,103	2,190	1,430	949	695	491	315	461	60
	1970	10,937	2,848	2,626	1,780	1,187	777	579	411	272	399	58
	1962	9,625	2,618	2,227	1,510	1,075	678	503	361	247	348	59
	1952	7,023	1,802	1,592	1,167	862	516	348	261	161	274	41
Great Plains	1987	1,913	162	278	334	339	285	215	156	74	69	1
	1977	1,798	147	267	324	315	263	195	130	83	72	2
	1970	1,614	130	211	255	263	231	191	135	95	99	3
	1962	1,472	97	168	216	232	208	186	139	104	116	6
	1952	1,309	68	132	174	197	177	176	136	111	131	8
Southeast	1987	50,796	6,258	9,094	9,536	8,540	6,597	4,387	2,786	1,583	1,781	234
	1977	48,697	6,615	8,959	9,337	8,148	6,174	4,140	2,387	1,344	1,420	173
	1970	43,722	6,055	8,050	8,494	7,624	5,600	3,500	2,026	1,094	1,138	141
	1962	38,291	5,208	7,291	7,839	6,892	4,648	2,833	1,660	895	910	115
	1952	33,824	4,327	6,447	7,111	6,255	4,058	2,426	1,393	766	922	119
South Central	1987	52,997	4,765	7,521	8,985	8,978	7,515	5,788	3,885	2,418	2,844	298
	1977	50,200	5,178	7,691	8,771	8,451	6,923	5,126	3,406	2,082	2,340	232
	1970	43,324	4,665	6,692	7,481	7,241	6,034	4,415	2,971	1,752	1,886	188
	1962	34,913	3,875	5,425	6,017	5,819	4,776	3,653	2,366	1,415	1,444	122
	1952	24,914	2,596	3,834	4,554	4,338	3,473	2,556	1,645	886	910	122
Pacific Northwest:												
Douglas-fir subregion	1987	83,476	2,045	3,750	5,270	5,961	6,393	6,391	6,234	5,676	16,677	25,079
	1977	93,685	2,517	3,694	4,565	5,295	5,503	5,664	5,714	5,379	18,720	36,634
	1970	99,159	2,479	3,645	4,655	5,281	5,722	5,917	5,840	5,567	19,716	40,337
	1962	104,410	2,205	3,345	4,264	5,049	5,368	5,674	5,659	5,571	19,966	47,309
	1952	109,904	2,011	2,858	3,718	4,647	4,618	5,416	5,237	5,507	20,438	55,454
Ponderosa pine subregion	1987	32,537	2,236	2,948	3,099	3,256	2,970	2,715	2,412	2,098	5,751	5,052
	1977	38,850	3,304	3,541	3,670	3,505	3,216	3,018	2,779	2,480	7,579	5,758
	1970	41,157	3,018	3,615	3,750	3,639	3,387	3,168	2,955	2,616	8,233	6,776
	1962	40,584	2,749	3,228	3,282	3,214	3,037	2,934	2,823	2,538	8,698	8,081
	1952	39,670	2,253	2,735	2,648	2,723	2,624	2,674	2,607	2,460	9,069	9,877
Alaska	1987	37,049	956	1,934	2,394	2,705	2,675	2,662	2,750	2,506	8,797	9,670
	1977	48,279	1,346	1,849	2,754	3,521	3,996	4,116	3,685	3,424	11,547	12,042
	1970	49,621	1,289	1,746	2,632	3,431	3,938	4,138	3,799	3,573	12,134	12,941
	1962	49,428	1,204	1,619	2,460	3,269	3,788	4,056	3,800	3,604	12,288	13,340
	1952	49,149	1,103	1,495	2,279	3,097	3,619	3,963	3,792	3,624	12,414	13,764
Total, Pacific Northwest	1987	153,062	5,237	8,632	10,763	11,922	12,038	11,768	11,396	10,280	31,225	39,801
	1977	180,814	7,167	9,084	10,989	12,321	12,715	12,798	12,178	11,283	37,846	54,434
	1970	189,937	6,786	9,006	11,037	12,351	13,047	13,223	12,594	11,756	40,083	60,054
	1962	194,422	6,158	8,192	10,006	11,532	12,193	12,664	12,282	11,713	40,952	68,730
	1952	198,723	5,367	7,088	8,645	10,467	10,861	12,053	11,636	11,591	41,921	79,095
Pacific Southwest	1987	46,313	891	1,417	1,754	2,135	2,383	2,627	2,791	2,664	10,222	19,429
	1977	45,979	769	1,259	1,613	1,885	2,213	2,387	2,456	2,511	10,016	20,870
	1970	47,700	836	1,375	1,757	2,050	2,300	2,426	2,461	2,531	9,834	22,130
	1962	53,369	925	1,472	1,810	2,029	2,171	2,260	2,313	2,342	10,020	28,027
	1952	58,010	766	1,245	1,603	1,835	2,055	2,160	2,269	2,282	10,141	33,654
Rocky Mountains	1987	98,402	8,640	12,319	13,389	12,426	10,686	8,958	7,143	5,604	13,162	6,075
	1977	93,308	9,382	11,771	11,882	10,949	9,681	8,171	6,911	5,680	13,304	5,579
	1970	92,944	9,335	11,273	11,487	10,556	9,558	8,110	6,985	5,749	13,662	6,230
	1962	91,750	10,286	9,969	10,325	10,129	9,423	8,503	7,251	6,057	14,484	5,323
	1952	86,235	8,573	8,455	8,956	8,968	8,542	7,858	6,884	5,886	14,935	7,178
United States	1987	450,894	34,101	49,437	53,701	51,190	44,118	36,882	30,183	23,948	61,184	66,150
	1977	464,642	40,060	49,387	50,537	47,376	41,465	35,222	28,976	23,904	66,228	81,487
	1970	458,055	37,573	45,878	47,191	44,733	39,845	33,925	28,451	23,790	67,769	88,900
	1962	447,872	35,214	40,456	41,785	40,591	36,075	31,906	27,138	23,290	68,952	102,465
	1952	430,064	28,126	33,528	35,357	35,418	31,472	28,768	24,945	22,209	69,934	120,308

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from total volume by State in other tables because of rounding.

Table 18–Net volume of hardwood growing stock on timberland in the United States, by diameter class and region, for 1952, 1962, 1970, 1977, and 1987

Region	Year	Total	Diameter class (inches) 5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
		Million cubic feet										
Northeast	1987	77,768	8,962	12,831	13,836	12,185	10,003	7,093	4,851	2,985	4,253	769
	1977	67,320	10,488	12,220	12,275	9,872	7,790	5,458	3,558	2,240	2,968	451
	1970	60,272	9,496	10,963	10,960	8,665	6,885	4,909	3,237	2,040	2,707	409
	1962	52,833	8,564	9,762	9,402	7,351	5,794	4,155	2,866	1,887	2,655	399
	1952	43,198	6,926	7,703	7,332	5,712	4,652	3,578	2,532	1,660	2,709	395
North Central	1987	61,906	8,178	10,122	10,433	9,075	7,104	5,453	3,830	2,605	4,077	1,029
	1977	51,835	7,773	9,665	9,338	7,414	5,925	4,203	2,775	1,753	2,468	521
	1970	46,593	7,079	8,752	8,314	6,590	5,248	3,708	2,455	1,608	2,357	483
	1962	41,790	6,652	7,943	7,236	5,615	4,407	3,275	2,202	1,503	2,466	491
	1952	33,497	4,766	5,925	6,037	4,359	3,630	2,705	1,928	1,319	2,401	428
Great Plains	1987	1,482	169	159	178	149	137	117	97	83	231	162
	1977	1,272	133	149	169	155	136	114	90	76	230	21
	1970	1,166	120	131	154	138	119	103	83	73	226	21
	1962	1,103	107	125	145	120	109	97	81	72	226	21
	1952	1,098	92	130	139	106	121	113	97	78	199	22
Southeast	1987	63,355	5,543	7,582	8,883	9,617	8,846	7,255	5,380	3,546	5,528	1,175
	1977	55,012	5,443	7,285	8,332	8,374	7,565	5,892	4,184	2,706	4,320	911
	1970	48,189	4,664	6,297	7,299	7,433	6,710	5,115	3,689	2,387	3,795	800
	1962	42,632	4,148	5,615	6,544	6,622	5,964	4,398	3,222	2,139	3,339	641
	1952	37,622	3,223	4,727	5,789	5,720	5,344	3,903	2,983	2,016	3,264	652
South Central	1987	70,869	7,385	9,914	11,340	10,493	9,487	7,505	5,295	3,430	5,129	891
	1977	61,474	7,426	8,978	9,843	8,852	8,019	6,404	4,380	2,782	4,055	733
	1970	55,445	6,587	8,153	9,037	8,114	7,307	5,731	3,787	2,451	3,664	614
	1962	51,987	5,821	7,545	8,571	7,810	6,827	5,129	3,572	2,407	3,687	618
	1952	46,475	4,529	6,170	7,308	7,028	6,304	4,901	3,553	2,354	3,739	589
Pacific Northwest:												
Douglas-fir subregion[a]	1987	11,345	715	1,364	1,844	1,882	1,612	1,202	891	536	937	362
	1977	10,326	1,174	1,447	1,569	1,495	1,279	956	748	501	900	257
	1970	10,981	1,539	1,549	1,525	1,405	1,249	976	758	547	1,105	328
	1962	9,063	1,270	1,296	1,294	1,202	1,059	777	604	434	894	233
	1952	6,908	999	1,026	1,026	938	800	526	449	314	648	182
Ponderosa pine subregion[a]	1987	205	25	23	30	31	41	19	9	6	20	1
	1977	196	25	28	25	25	20	15	14	10	24	10
	1970	198	32	42	29	29	12	5	11	8	25	5
	1962	184	29	38	27	28	12	5	10	7	23	5
	1952	174	38	36	23	23	7	3	9	7	23	5
Alaska	1987	4,211	664	1,030	675	562	335	337	187	135	216	70
	1977	4,222	616	915	744	416	373	304	203	148	313	190
	1970	4,215	614	903	737	414	373	305	205	150	320	195
	1962	4,191	611	886	727	410	371	304	206	152	326	199
	1952	4,189	610	874	720	407	370	305	208	155	335	205
Total, Pacific Northwest	1987	15,761	1,404	2,417	2,549	2,475	1,988	1,558	1,087	677	1,173	433
	1977	14,744	1,815	2,390	2,338	1,936	1,672	1,275	965	659	1,237	457
	1970	15,394	2,185	2,494	2,291	1,848	1,634	1,286	974	705	1,450	528
	1962	13,438	1,910	2,220	2,048	1,640	1,442	1,086	820	593	1,243	437
	1952	11,271	1,647	1,936	1,769	1,368	1,177	834	666	476	1,006	392
Pacific Southwest	1987	7,744	551	798	823	781	750	699	626	485	1,412	819
	1977	3,891	254	411	415	391	368	365	299	266	720	402
	1970	3,995	256	389	406	407	418	364	341	276	730	408
	1962	3,194	201	314	296	301	328	277	266	217	567	427
	1952	3,047	193	320	250	281	301	257	242	203	536	466
Rocky Mountains	1987	6,217	1,086	1,423	1,424	888	550	317	167	124	163	75
	1977	4,863	797	1,164	1,007	738	462	278	175	95	133	14
	1970	4,866	781	1,150	984	742	479	288	187	103	138	16
	1962	4,494	551	949	940	740	510	319	197	116	156	16
	1952	3,973	444	802	817	660	467	298	188	114	158	25
United States	1987	305,102	33,278	45,246	49,466	45,663	38,865	29,997	21,333	13,935	21,966	5,353
	1977	260,412	34,129	42,262	43,718	37,733	31,938	23,990	16,427	10,576	16,130	3,509
	1970	235,921	31,168	38,329	39,445	33,937	28,800	21,503	14,753	9,643	15,066	3,278
	1962	211,471	27,952	34,472	35,183	30,199	25,381	18,736	13,226	8,934	14,338	3,050
	1952	180,179	21,820	27,711	29,439	25,234	21,996	16,588	12,190	8,220	14,011	2,970

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from total volume by State in other tables because of rounding.

[a] Estimates of hardwood volume are not available for most National Forests in Oregon and Washington.

Table 19—Net volume of softwood sawtimber on timberland in the United States, by diameter class and region, for 1952, 1962, 1970, 1977, and 1987

Region	Year	Total	Diameter class (inches) 9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
		Million board feet, International 1/4-inch rule								
Northeast	1987	80,487	19,746	18,936	13,975	9,977	6,475	4,135	6,116	1,127
	1977	60,894	18,068	14,356	10,086	7,103	4,391	2,729	3,533	629
	1970	53,794	16,430	12,744	8,920	6,072	3,704	2,414	3,065	445
	1962	45,958	13,557	10,485	7,619	5,289	3,249	2,289	3,084	386
	1952	40,584	10,676	9,154	6,897	4,856	3,036	2,352	3,204	409
North Central	1987	45,258	14,341	10,230	6,849	4,685	3,363	2,256	3,125	409
	1977	34,369	10,212	7,143	5,031	3,900	2,881	1,897	2,915	390
	1970	26,990	7,840	5,542	3,880	3,071	2,297	1,570	2,435	356
	1962	22,209	6,231	4,627	3,165	2,514	1,912	1,388	2,043	329
	1952	16,263	4,586	3,582	2,354	1,666	1,341	857	1,658	219
Great Plains	1987	6,812	1,026	1,456	1,404	1,157	902	454	400	13
	1977	6,280	900	1,341	1,308	1,058	752	500	412	11
	1970	5,949	784	1,127	1,135	1,019	764	558	545	17
	1962	5,733	659	993	1,019	996	785	613	638	30
	1952	5,347	526	837	862	935	771	650	719	47
Southeast	1987	169,089	34,470	38,096	33,360	24,191	16,335	9,672	11,394	1,571
	1977	151,314	33,893	35,970	30,283	21,866	12,950	7,377	7,981	994
	1970	134,703	30,861	33,681	27,502	18,466	10,978	5,997	6,405	813
	1962	116,850	28,606	30,575	22,907	14,960	9,006	4,942	5,179	675
	1952	103,311	25,954	27,661	19,816	12,580	7,401	4,125	5,098	676
South Central	1987	211,046	36,901	44,042	40,082	32,529	22,780	14,649	18,128	1,935
	1977	194,183	36,444	42,406	37,239	29,436	20,255	12,576	14,413	1,414
	1970	166,955	30,833	36,472	32,545	25,612	17,866	10,696	11,772	1,157
	1962	133,171	24,675	29,280	25,629	21,095	14,119	8,627	9,005	740
	1952	94,817	18,409	21,534	18,888	14,628	9,668	5,329	5,614	747
Pacific Northwest:										
Douglas-fir subregion	1987	487,074	23,554	31,035	36,311	37,924	38,509	35,856	106,028	177,857
	1977	546,054	19,314	25,054	28,898	31,955	33,631	32,705	120,217	254,280
	1970	582,565	20,224	24,156	29,193	32,652	34,052	33,825	127,948	280,515
	1962	629,785	22,078	22,676	27,391	31,320	32,981	33,822	131,732	327,785
	1952	683,727	24,773	21,028	23,617	29,907	30,617	33,441	134,786	385,558
Ponderosa pine subregion	1987	187,471	15,666	18,168	17,672	17,183	16,044	14,618	46,860	41,260
	1977	181,432	15,967	16,501	16,229	16,186	15,681	14,525	47,388	38,955
	1970	195,453	15,717	16,529	16,886	16,937	16,583	15,283	51,473	46,045
	1962	200,527	16,040	14,575	15,107	15,605	15,771	14,803	49,998	58,628
	1952	207,960	16,801	12,312	12,970	14,195	14,565	14,310	53,900	68,907
Alaska	1987	168,317	7,388	12,340	12,544	12,910	13,446	12,401	45,096	52,192
	1977	216,046	10,018	14,418	17,995	19,622	17,841	16,668	57,431	62,053
	1970	223,340	9,548	13,979	17,629	19,603	18,308	17,350	60,253	66,670
	1962	223,740	8,913	13,267	16,884	19,127	18,274	17,486	61,031	68,758
	1952	224,187	8,243	12,515	16,062	18,599	18,191	17,563	62,023	70,991
Total, Pacific Northwest	1987	842,862	46,608	61,543	66,527	68,017	67,999	62,875	197,984	271,309
	1977	943,532	45,299	55,973	63,122	67,763	67,153	63,898	225,036	355,288
	1970	1,001,358	45,489	54,664	63,708	69,192	68,943	66,458	239,674	393,230
	1962	1,054,052	47,031	50,518	59,382	66,052	67,026	66,111	242,761	455,171
	1952	1,115,874	49,817	45,855	52,649	62,701	63,373	65,314	250,709	525,456
Pacific Southwest	1987	289,189	10,000	12,830	14,853	16,628	17,848	17,094	67,481	132,455
	1977	255,611	4,975	7,199	10,030	11,616	12,710	13,696	57,931	137,454
	1970	267,098	5,099	7,446	10,116	11,003	12,648	13,671	58,249	148,866
	1962	299,263	5,803	5,498	8,298	9,962	10,773	11,970	57,523	189,436
	1952	337,813	6,652	5,106	7,796	9,424	10,416	11,750	59,675	226,995
Rocky Mountains	1987	386,911	51,532	59,459	54,022	46,693	38,224	30,403	73,135	33,443
	1977	374,783	52,803	53,620	49,239	42,558	36,844	30,802	75,495	33,422
	1970	378,006	52,259	51,095	48,686	42,506	37,472	31,364	77,568	37,056
	1962	384,541	51,048	49,039	48,298	45,376	40,008	34,260	84,305	32,206
	1952	375,750	44,422	43,528	43,906	42,016	38,032	33,317	86,882	43,648
United States	1987	2,031,654	214,624	246,592	231,072	203,877	173,926	141,538	377,763	442,262
	1977	2,020,965	202,593	218,008	206,338	185,298	157,936	133,475	387,716	529,600
	1970	2,034,852	189,595	202,771	196,492	176,941	154,673	132,727	399,714	581,940
	1962	2,061,777	177,610	181,016	176,316	166,245	146,878	130,201	404,538	678,973
	1952	2,089,759	161,043	157,256	153,167	148,807	134,039	123,694	413,558	798,197

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from total volume by State in other tables because of rounding.

Table 20—Net volume of hardwood sawtimber on timberland in the United States, by diameter class and region, for 1952, 1962, 1970, 1977, and 1987

Region	Year	Total	Diameter class (inches) 11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
		Million board feet, international 1/4-inch rule							
Northeast	1987	171,718	44,569	39,484	29,877	21,045	13,342	19,566	3,835
	1977	116,572	32,247	27,697	20,298	13,688	8,863	11,974	1,807
	1970	104,543	28,411	24,561	18,338	12,509	8,124	10,961	1,639
	1962	92,851	24,128	21,040	15,778	11,384	7,736	11,108	1,677
	1952	84,022	19,480	17,700	14,443	10,744	7,390	12,404	1,861
North Central	1987	161,847	42,399	34,940	27,337	19,458	12,991	19,793	4,929
	1977	128,137	36,948	30,161	21,716	14,576	9,224	12,950	2,562
	1970	110,103	31,070	25,568	18,453	12,479	8,213	12,034	2,286
	1962	98,112	26,667	21,591	16,302	11,149	7,632	12,444	2,327
	1952	81,049	19,630	17,216	13,217	9,726	6,739	12,024	2,498
Great Plains	1987	4,940	725	701	620	521	445	1,133	795
	1977	4,045	599	621	576	465	410	1,268	105
	1970	3,759	531	542	517	429	393	1,243	105
	1962	3,596	459	496	489	417	386	1,242	107
	1952	3,502	392	531	543	483	400	1,044	110
Southeast	1987	183,448	32,845	35,702	32,653	26,123	18,256	30,605	7,264
	1977	141,916	27,786	29,780	25,741	19,393	13,038	21,486	4,692
	1970	125,506	24,730	26,493	22,406	17,189	11,544	18,996	4,148
	1962	110,157	21,985	23,509	19,203	15,017	10,337	16,746	3,360
	1952	100,017	19,236	21,349	17,052	13,787	9,544	15,824	3,226
South Central	1987	193,564	39,608	41,492	35,432	26,267	17,771	27,874	5,120
	1977	160,163	33,790	35,163	30,036	21,510	14,088	21,502	4,074
	1970	141,766	30,611	31,663	26,548	18,316	12,217	19,127	3,284
	1962	133,625	29,541	29,409	23,558	17,075	11,862	18,920	3,260
	1952	133,947	28,243	28,650	23,757	17,873	12,159	19,931	3,335
Pacific Northwest:									
Douglas-fir subregion[a]	1987	37,422	8,525	8,375	6,596	4,866	2,780	4,714	1,566
	1977	33,502	6,643	6,433	5,243	4,361	3,034	5,960	1,828
	1970	37,873	6,414	6,419	5,574	4,750	3,636	8,222	2,858
	1962	31,037	5,490	5,469	4,477	3,823	2,923	6,274	2,581
	1952	23,318	4,317	4,171	3,112	2,881	2,141	4,645	2,051
Ponderosa pine subregion[a]	1987	655	129	214	98	50	34	121	9
	1977	480	85	77	65	55	44	106	48
	1970	494	119	53	26	57	47	158	34
	1962	437	107	48	25	50	39	134	34
	1952	424	101	36	15	43	37	152	40
Alaska	1987	7,831	1,936	1,361	1,500	823	612	1,195	404
	1977	9,884	1,474	1,713	1,570	1,114	862	1,930	1,223
	1970	9,983	1,468	1,710	1,572	1,124	876	1,975	1,258
	1962	10,038	1,455	1,700	1,567	1,128	887	2,014	1,287
	1952	10,164	1,447	1,698	1,572	1,140	906	2,072	1,329
Total, Pacific Northwest	1987	45,908	10,590	9,950	8,194	5,739	3,426	6,030	1,979
	1977	43,866	8,202	8,223	6,878	5,530	3,940	7,996	3,099
	1970	48,350	8,001	8,182	7,172	5,931	4,559	10,355	4,150
	1962	41,512	7,052	7,217	6,069	5,001	3,849	8,422	3,902
	1952	33,906	5,865	5,905	4,699	4,064	3,084	6,869	3,420
Pacific Southwest	1987	23,969	3,007	3,024	2,996	2,699	2,116	6,429	3,698
	1977	9,105	977	1,050	1,102	938	970	2,564	1,504
	1970	8,316	829	981	979	946	876	2,252	1,453
	1962	6,447	575	740	709	719	641	1,677	1,386
	1952	6,297	533	680	660	667	607	1,608	1,542
Rocky Mountains	1987	12,290	4,586	3,069	1,778	937	697	854	369
	1977	9,772	3,662	2,383	1,471	940	521	706	88
	1970	9,950	3,629	2,439	1,503	991	553	731	104
	1962	9,621	3,356	2,352	1,496	933	569	805	111
	1952	8,973	2,981	2,155	1,391	894	559	817	176
United States	1987	797,684	178,329	168,362	138,887	102,789	69,044	112,284	27,989
	1977	613,575	144,210	135,078	107,818	77,039	51,052	80,446	17,933
	1970	552,291	127,812	120,429	95,915	68,790	46,479	75,699	17,167
	1962	495,920	113,763	106,354	83,604	61,695	43,012	71,363	16,130
	1952	451,713	96,360	94,185	75,762	58,237	40,481	70,520	16,168

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from total volume by State in other tables because of rounding.

[a] Estimates of hardwood volume are not available for most National Forests in Oregon and Washington.

Table 21—Net volume of softwood growing stock on timberland in the Eastern United States, by species, region, and diameter class, 1987

Region and diameter class (in inches)	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
					Million cubic feet					
Northeast:										
5.0 - 6.9	4,719	0	59	204	586	0	2,847	632	0	391
7.0 - 8.9	6,360	0	104	369	916	0	3,575	855	0	541
9.0 - 10.9	6,001	0	123	390	1,125	0	2,945	894	0	524
11.0 - 12.9	4,886	0	130	301	1,206	0	1,809	1,000	0	440
13.0 - 14.9	3,329	0	103	165	1,009	0	968	789	0	295
15.0 - 16.9	2,274	0	66	88	871	0	455	622	0	172
17.0 - 18.9	1,417	0	42	18	682	0	208	388	0	79
19.0 - 20.9	899	0	17	8	467	0	98	257	0	52
21.0 - 28.9	1,283	0	14	1	836	0	71	312	0	49
29.0 +	231	0	0	0	204	0	2	25	0	0
Total	31,399	0	658	1,544	7,902	0	12,978	5,774	0	2,543
North Central:										
5.0 - 6.9	3,429	0	81	22	715	366	1,224	24	0	997
7.0 - 8.9	3,816	0	120	34	828	519	1,275	56	1	983
9.0 - 10.9	2,939	0	143	43	597	435	918	89	2	712
11.0 - 12.9	1,964	0	118	26	475	213	587	109	2	434
13.0 - 14.9	1,285	0	61	21	393	75	328	140	4	263
15.0 - 16.9	865	0	27	7	353	28	179	135	3	133
17.0 - 18.9	609	0	6	1	308	7	107	114	5	61
19.0 - 20.9	426	0	3	2	257	3	54	76	3	28
21.0 - 28.9	598	0	3	1	405	0	40	125	6	18
29.0 +	81	0	0	0	66	0	1	8	5	1
Total	16,012	0	562	157	4,397	1,646	4,713	876	31	3,630
Great Plains:										
5.0 - 6.9	162	0	0	0	0	1	7	0	0	154
7.0 - 8.9	278	0	0	0	0	1	8	0	0	269
9.0 - 10.9	334	0	0	0	0	1	10	0	0	323
11.0 - 12.9	339	0	0	0	0	0	9	0	0	330
13.0 - 14.9	285	0	0	0	0	0	7	0	0	278
15.0 - 16.9	215	0	0	0	0	0	9	0	0	206
17.0 - 18.9	156	0	0	0	0	0	5	0	0	151
19.0 - 20.9	74	0	0	0	0	0	3	0	0	71
21.0 - 28.9	69	0	0	0	0	0	3	0	0	66
29.0 +	1	0	0	0	0	0	0	0	0	1
Total	1,913	0	0	0	0	3	61	0	0	1,849
Southeast:										
5.0 - 6.9	6,258	2,059	2,558	1,019	82	0	3	28	402	107
7.0 - 8.9	9,094	2,567	4,100	1,568	132	0	4	30	600	93
9.0 - 10.9	9,536	2,478	4,527	1,603	140	0	3	35	683	67
11.0 - 12.9	8,540	2,169	4,398	1,126	142	0	6	36	618	45
13.0 - 14.9	6,597	1,495	3,684	661	167	0	4	40	517	29
15.0 - 16.9	4,387	835	2,612	317	182	0	1	46	373	21
17.0 - 18.9	2,786	386	1,777	160	163	0	0	33	253	14
19.0 - 20.9	1,583	171	970	78	120	0	0	29	211	4
21.0 - 28.9	1,781	117	979	61	201	0	0	60	358	5
29.0 +	234	6	49	4	36	0	1	31	107	0
Total	50,796	12,283	25,654	6,597	1,365	0	22	368	4,122	385
South Central:										
5.0 - 6.9	4,765	489	3,506	384	9	0	0	14	149	214
7.0 - 8.9	7,521	907	5,705	566	15	0	1	9	128	190
9.0 - 10.9	8,985	1,053	7,006	573	20	0	0	15	192	126
11.0 - 12.9	8,978	961	7,172	459	21	0	0	19	268	78
13.0 - 14.9	7,515	754	6,106	281	35	0	0	10	287	42
15.0 - 16.9	5,788	470	4,729	192	30	0	0	12	327	28
17.0 - 18.9	3,885	245	3,223	99	25	0	0	14	259	20
19.0 - 20.9	2,418	98	2,026	57	16	0	0	5	202	14
21.0 - 28.9	2,844	60	2,350	53	29	0	0	16	318	18
29.0 +	298	2	182	8	7	0	0	1	95	3
Total	52,997	5,039	42,005	2,672	207	0	1	115	2,225	733
Eastern total:										
5.0 - 6.9	19,333	2,548	6,204	1,629	1,392	367	4,081	698	551	1,863
7.0 - 8.9	27,069	3,474	10,029	2,537	1,891	520	4,863	950	729	2,076
9.0 - 10.9	27,795	3,531	11,799	2,609	1,882	436	3,876	1,033	877	1,752
11.0 - 12.9	24,707	3,130	11,818	1,912	1,844	213	2,411	1,164	888	1,327
13.0 - 14.9	19,011	2,249	9,954	1,128	1,604	75	1,307	979	808	907
15.0 - 16.9	13,529	1,305	7,434	604	1,436	28	644	815	703	560
17.0 - 18.9	8,853	631	5,048	278	1,178	7	320	549	517	325
19.0 - 20.9	5,400	269	3,016	145	860	3	155	367	416	169
21.0 - 28.9	6,575	177	3,346	116	1,471	0	114	513	682	156
29.0 +	845	8	231	12	313	0	4	65	207	5
Total	153,117	17,322	68,879	10,970	13,871	1,649	17,775	7,133	6,378	9,140

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ from volume by State in other tables because of rounding.

Table 22–Net volume of hardwood growing stock on timberland in the Eastern United States, by species, region, and diameter class, 1987

Region and diameter class (in inches)	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
					Million cubic feet					
Northeast:										
5.0 - 6.9	8,962	389	444	513	442	386	323	1,046	2,088	483
7.0 - 8.9	12,831	558	778	778	656	510	494	1,632	2,739	669
9.0 - 10.9	13,836	672	1,109	855	755	527	541	1,706	2,631	740
11.0 - 12.9	12,185	638	1,232	705	718	440	470	1,543	2,112	756
13.0 - 14.9	10,003	545	1,088	616	771	328	354	1,307	1,423	647
15.0 - 16.9	7,093	438	981	418	556	216	271	887	802	487
17.0 - 18.9	4,851	344	711	307	462	144	164	602	540	337
19.0 - 20.9	2,985	228	497	179	295	67	109	391	269	187
21.0 - 28.9	4,253	301	771	245	484	89	203	603	393	223
29.0 +	769	79	167	26	83	7	35	115	84	32
Total	77,768	4,192	7,778	4,642	5,222	2,714	2,964	9,832	13,081	4,561
North Central:										
5.0 - 6.9	8,178	492	249	211	400	347	54	991	1,074	53
7.0 - 8.9	10,122	647	497	221	561	486	89	1,092	1,108	76
9.0 - 10.9	10,433	705	657	217	699	513	104	1,022	938	94
11.0 - 12.9	9,075	738	680	235	760	477	98	825	677	107
13.0 - 14.9	7,104	740	618	214	684	391	90	675	514	98
15.0 - 16.9	5,453	708	541	164	585	289	86	580	377	100
17.0 - 18.9	3,830	574	436	97	450	175	64	446	260	77
19.0 - 20.9	2,605	430	329	68	310	110	38	317	167	76
21.0 - 28.9	4,077	759	592	86	522	117	47	341	320	143
29.0 +	1,029	208	176	14	104	7	4	48	109	30
Total	61,906	6,001	4,775	1,527	5,075	2,912	674	6,337	5,544	854
Great Plains:										
5.0 - 6.9	169	21	3	6	2	7	0	0	2	0
7.0 - 8.9	159	20	6	5	3	9	0	1	2	0
9.0 - 10.9	178	27	9	5	4	10	0	0	2	0
11.0 - 12.9	149	19	8	2	3	6	0	0	3	0
13.0 - 14.9	137	19	6	2	4	5	0	0	3	0
15.0 - 16.9	117	16	6	1	2	4	0	0	2	0
17.0 - 18.9	97	13	5	1	2	4	0	0	3	0
19.0 - 20.9	83	12	6	0	3	1	0	0	2	0
21.0 - 28.9	231	37	9	0	6	2	0	0	9	0
29.0 +	162	15	4	0	2	1	0	0	5	0
Total	1,482	199	62	22	31	49	0	1	33	0
Southeast:										
5.0 - 6.9	5,543	451	126	349	928	280	7	42	703	46
7.0 - 8.9	7,582	656	173	581	1,338	423	8	46	803	62
9.0 - 10.9	8,883	826	260	687	1,564	528	6	49	746	84
11.0 - 12.9	9,617	964	338	693	1,612	514	4	46	742	88
13.0 - 14.9	8,846	892	359	644	1,443	529	5	47	577	121
15.0 - 16.9	7,255	774	369	568	1,211	383	9	44	463	120
17.0 - 18.9	5,380	552	307	452	978	277	3	32	301	106
19.0 - 20.9	3,546	353	244	299	606	168	4	23	200	72
21.0 - 28.9	5,528	555	507	617	1,129	248	10	25	256	136
29.0 +	1,175	109	139	222	285	33	0	10	26	22
Total	63,355	6,132	2,822	5,112	11,094	3,383	56	364	4,817	857
South Central:										
5.0 - 6.9	7,385	820	240	751	1,235	829	0	152	352	54
7.0 - 8.9	9,914	1,111	367	989	1,883	1,067	0	162	356	74
9.0 - 10.9	11,340	1,291	490	1,170	2,214	1,348	0	156	297	111
11.0 - 12.9	10,493	1,270	505	961	2,180	1,152	1	124	208	123
13.0 - 14.9	9,487	1,089	504	897	2,015	1,016	1	112	178	135
15.0 - 16.9	7,505	947	490	636	1,771	683	0	100	117	151
17.0 - 18.9	5,295	612	408	472	1,298	454	0	59	76	138
19.0 - 20.9	3,430	341	300	304	825	256	0	24	58	118
21.0 - 28.9	5,129	445	558	443	1,356	388	3	43	59	247
29.0 +	891	47	107	99	284	61	1	1	18	42
Total	70,869	7,973	3,969	6,722	15,061	7,254	6	933	1,719	1,193
Eastern total:										
5.0 - 6.9	30,237	2,173	1,062	1,830	3,007	1,849	384	2,231	4,219	636
7.0 - 8.9	40,608	2,992	1,821	2,574	4,441	2,495	591	2,933	5,008	881
9.0 - 10.9	44,670	3,521	2,525	2,934	5,236	2,926	651	2,933	4,614	1,029
11.0 - 12.9	41,519	3,629	2,763	2,596	5,273	2,589	573	2,538	3,742	1,074
13.0 - 14.9	35,577	3,285	2,575	2,373	4,917	2,269	450	2,141	2,695	1,001
15.0 - 16.9	27,423	2,883	2,387	1,787	4,125	1,575	366	1,611	1,761	858
17.0 - 18.9	19,453	2,095	1,867	1,329	3,190	1,054	231	1,139	1,180	658
19.0 - 20.9	12,649	1,364	1,376	850	2,039	602	151	755	696	453
21.0 - 28.9	19,218	2,097	2,437	1,391	3,497	844	263	1,012	1,037	749
29.0 +	4,026	458	593	361	758	109	40	174	242	126
Total	275,380	24,497	19,406	18,025	36,483	16,312	3,700	17,467	25,194	7,465

Table 22–Net volume of hardwood growing stock on timberland in the Eastern United States, by species, region, and State, 1987, continued

Region and diameter class (in inches)	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow poplar	Cotton-wood and aspen	Black walnut	Black cherry	Other eastern hard-woods
				Million cubic feet					
Northeast:									
5.0 - 6.9	48	94	403	80	179	460	22	284	1,278
7.0 - 8.9	74	70	588	151	245	724	25	453	1,687
9.0 - 10.9	82	61	616	204	326	794	37	636	1,544
11.0 - 12.9	73	55	613	203	399	546	28	593	1,061
13.0 - 14.9	77	48	484	166	432	335	31	558	793
15.0 - 16.9	54	46	345	109	398	172	29	393	491
17.0 - 18.9	30	33	223	82	297	62	9	242	262
19.0 - 20.9	19	24	115	52	193	38	10	152	160
21.0 - 28.9	25	44	119	59	318	17	11	159	189
29.0 +	4	0	29	9	60	6	0	6	27
Total	486	475	3,535	1,115	2,847	3,154	202	3,476	7,492
North Central:									
5.0 - 6.9	9	7	727	197	43	1,445	49	179	1,651
7.0 - 8.9	13	8	697	349	84	2,049	91	228	1,826
9.0 - 10.9	17	11	627	476	122	2,321	104	234	1,572
11.0 - 12.9	21	11	507	458	132	1,987	100	167	1,095
13.0 - 14.9	18	12	383	344	140	1,218	98	125	742
15.0 - 16.9	14	7	265	236	160	667	76	98	500
17.0 - 18.9	10	8	182	168	127	319	43	40	354
19.0 - 20.9	7	4	103	101	93	152	30	36	234
21.0 - 28.9	10	9	142	129	158	236	21	34	411
29.0 +	3	2	25	19	15	129	0	3	133
Total	122	79	3,658	2,477	1,074	10,523	612	1,144	8,518
Great Plains:									
5.0 - 6.9	0	0	22	1	0	34	11	0	60
7.0 - 8.9	0	0	18	2	0	38	10	0	45
9.0 - 10.9	0	0	22	3	0	41	12	0	43
11.0 - 12.9	0	0	19	6	0	32	11	0	40
13.0 - 14.9	0	0	16	6	0	30	10	0	36
15.0 - 16.9	0	0	15	4	0	29	6	0	32
17.0 - 18.9	0	0	11	2	0	23	5	0	28
19.0 - 20.9	0	0	8	1	0	28	3	0	19
21.0 - 28.9	0	0	19	3	0	96	3	0	47
29.0 +	0	0	2	0	0	112	1	0	20
Total	0	0	152	28	0	463	72	0	370
Southeast:									
5.0 - 6.9	786	689	147	9	407	7	9	47	510
7.0 - 8.9	1,035	885	204	29	633	7	20	42	637
9.0 - 10.9	1,186	1,066	239	37	857	11	26	37	674
11.0 - 12.9	1,169	1,247	254	51	1,192	11	31	32	629
13.0 - 14.9	997	1,096	233	39	1,281	10	29	15	529
15.0 - 16.9	720	811	178	50	1,136	10	15	7	387
17.0 - 18.9	467	612	138	23	805	8	15	11	293
19.0 - 20.9	311	371	87	19	582	9	8	3	187
21.0 - 28.9	362	494	115	22	753	16	10	11	262
29.0 +	47	125	17	5	79	14	2	1	39
Total	7,080	7,396	1,612	284	7,725	103	165	206	4,147
South Central:									
5.0 - 6.9	1,016	334	246	30	295	11	36	0	984
7.0 - 8.9	1,448	573	316	27	391	32	50	0	1,068
9.0 - 10.9	1,509	718	345	35	532	38	53	0	1,033
11.0 - 12.9	1,296	688	321	49	587	46	51	0	931
13.0 - 14.9	1,089	642	303	32	624	48	44	0	758
15.0 - 16.9	710	455	252	31	494	54	27	0	587
17.0 - 18.9	447	240	164	24	370	64	7	0	462
19.0 - 20.9	345	159	99	12	233	57	7	0	292
21.0 - 28.9	346	148	159	17	282	163	5	0	467
29.0 +	37	5	14	0	36	67	1	0	71
Total	8,243	3,962	2,219	257	3,844	580	281	0	6,653
Eastern total:									
5.0 - 6.9	1,859	1,124	1,545	317	924	1,957	127	510	4,483
7.0 - 8.9	2,570	1,536	1,823	558	1,353	2,850	196	723	5,263
9.0 - 10.9	2,794	1,856	1,849	755	1,837	3,205	232	907	4,866
11.0 - 12.9	2,559	2,001	1,714	767	2,310	2,622	221	792	3,756
13.0 - 14.9	2,181	1,798	1,419	587	2,477	1,641	212	698	2,858
15.0 - 16.9	1,498	1,319	1,055	430	2,188	932	153	498	1,997
17.0 - 18.9	954	893	718	299	1,599	476	79	293	1,399
19.0 - 20.9	682	558	412	185	1,101	284	58	191	892
21.0 - 28.9	743	695	554	230	1,511	528	50	204	1,376
29.0 +	91	132	87	33	190	328	4	10	290
Total	15,931	11,912	11,176	4,161	15,490	14,823	1,332	4,826	27,180

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ from volume by State in other tables because of rounding.

Table 23–Net volume of softwood sawtimber on timberland in the Eastern United States, by species, region, and diameter class, 1987

Region and diameter class (in inches)	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
	Million board feet, International 1/4-inch rule									
Northeast:										
9.0 - 10.9	19,746	0	408	912	3,624	0	10,261	2,798	0	1,743
11.0 - 12.9	18,936	0	510	786	4,680	0	7,509	3,723	0	1,728
13.0 - 14.9	13,975	0	438	475	4,269	0	4,355	3,194	0	1,244
15.0 - 16.9	9,977	0	299	295	3,902	0	2,118	2,636	0	727
17.0 - 18.9	6,475	0	187	46	3,191	0	1,006	1,713	0	332
19.0 - 20.9	4,135	0	79	37	2,205	0	482	1,131	0	201
21.0 - 28.9	6,116	0	64	5	4,050	0	355	1,434	0	208
29.0 +	1,127	0	0	0	995	0	13	117	0	2
Total	80,487	0	1,985	2,556	26,916	0	26,099	16,746	0	6,185
North Central:										
9.0 - 10.9	14,341	0	755	212	2,866	2,118	4,499	420	13	3,458
11.0 - 12.9	10,230	0	652	137	2,448	1,116	3,037	573	10	2,257
13.0 - 14.9	6,849	0	348	108	2,077	399	1,760	745	20	1,392
15.0 - 16.9	4,685	0	159	35	1,894	156	975	723	15	728
17.0 - 18.9	3,363	0	39	5	1,701	39	587	629	27	336
19.0 - 20.9	2,256	0	21	9	1,362	18	284	400	12	150
21.0 - 28.9	3,125	0	17	3	2,105	0	216	649	34	101
29.0 +	409	0	0	0	328	0	4	47	26	4
Total	45,258	0	1,991	509	14,781	3,846	11,362	4,186	157	8,426
Great Plains:										
9.0 - 10.9	1,026	0	0	0	0	4	41	0	0	981
11.0 - 12.9	1,456	0	0	0	0	3	47	0	0	1,406
13.0 - 14.9	1,404	0	0	0	0	1	39	0	0	1,364
15.0 - 16.9	1,157	0	0	0	0	0	52	0	0	1,105
17.0 - 18.9	902	0	0	0	0	0	25	0	0	877
19.0 - 20.9	454	0	0	0	0	0	17	0	0	437
21.0 - 28.9	400	0	0	0	0	0	17	0	0	383
29.0 +	13	0	0	0	0	0	0	0	0	13
Total	6,812	0	0	0	0	8	238	0	0	6,566
Southeast:										
9.0 - 10.9	34,470	9,466	16,215	5,808	504	0	11	120	2,085	261
11.0 - 12.9	38,096	10,152	19,664	4,888	623	0	27	150	2,382	210
13.0 - 14.9	33,360	7,877	18,802	3,224	818	0	20	187	2,281	151
15.0 - 16.9	24,191	4,763	14,598	1,694	959	0	8	239	1,810	120
17.0 - 18.9	16,335	2,338	10,605	915	913	0	0	178	1,307	79
19.0 - 20.9	9,672	1,082	6,084	470	700	0	0	159	1,148	29
21.0 - 28.9	11,394	777	6,535	384	1,237	0	0	358	2,076	27
29.0 +	1,571	42	363	24	243	0	8	202	689	0
Total	169,089	36,497	92,866	17,407	5,997	0	74	1,593	13,778	877
South Central:										
9.0 - 10.9	36,901	4,290	29,404	2,270	80	0	0	71	323	463
11.0 - 12.9	44,042	4,676	35,934	2,082	101	0	0	75	861	313
13.0 - 14.9	40,082	3,920	33,252	1,404	175	0	0	58	1,097	176
15.0 - 16.9	32,529	2,557	27,244	991	160	0	0	54	1,406	117
17.0 - 18.9	22,780	1,385	19,350	550	128	0	0	75	1,203	89
19.0 - 20.9	14,649	565	12,598	319	85	0	0	30	999	53
21.0 - 28.9	18,128	359	15,362	325	167	0	0	101	1,733	81
29.0 +	1,935	9	1,271	52	37	0	0	3	555	8
Total	211,046	17,761	174,415	7,993	933	0	0	467	8,177	1,300
Eastern total:										
9.0 - 10.9	106,484	13,756	46,782	9,202	7,074	2,122	14,812	3,409	2,421	6,906
11.0 - 12.9	112,760	14,828	56,760	7,893	7,852	1,119	10,620	4,521	3,253	5,914
13.0 - 14.9	95,670	11,797	52,840	5,211	7,339	400	6,174	4,184	3,398	4,327
15.0 - 16.9	72,539	7,320	42,300	3,015	6,915	156	3,153	3,652	3,231	2,797
17.0 - 18.9	49,855	3,723	30,181	1,516	5,933	39	1,618	2,595	2,537	1,713
19.0 - 20.9	31,166	1,647	18,782	835	4,352	18	783	1,720	2,159	870
21.0 - 28.9	39,163	1,136	21,978	717	7,559	0	588	2,542	3,843	800
29.0 +	5,055	51	1,634	76	1,603	0	25	369	1,270	27
Total	512,692	54,258	271,257	28,465	48,627	3,854	37,773	22,992	22,112	23,354

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ from volume by State in other tables because of rounding.

Table 24—Net volume of hardwood sawtimber on timberland in the Eastern United States, by species, region, and diameter class, 1987

Region and diameter class (in inches)	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
	Million board feet, International 1/4-inch rule									
Northeast:										
11.0 - 12.9	44,569	2,276	4,601	2,498	2,603	1,509	1,748	5,710	7,662	2,833
13.0 - 14.9	39,484	2,097	4,450	2,311	3,021	1,255	1,416	5,315	5,654	2,699
15.0 - 16.9	29,877	1,803	4,214	1,706	2,251	869	1,114	3,792	3,399	2,106
17.0 - 18.9	21,045	1,484	3,104	1,230	1,967	611	697	2,637	2,393	1,515
19.0 - 20.9	13,342	998	2,259	730	1,279	283	463	1,784	1,222	849
21.0 - 28.9	19,566	1,416	3,609	999	2,184	388	895	2,817	1,818	1,045
29.0 +	3,835	387	766	111	383	41	173	547	423	155
Total	171,718	10,461	23,003	9,585	13,688	4,956	6,506	22,602	22,571	11,202
North Central:										
11.0 - 12.9	42,399	3,455	3,215	1,067	3,561	2,217	459	3,848	3,167	482
13.0 - 14.9	34,940	3,637	3,069	1,030	3,412	1,934	445	3,314	2,553	467
15.0 - 16.9	27,337	3,545	2,728	807	2,965	1,461	429	2,897	1,891	496
17.0 - 18.9	19,458	2,922	2,220	480	2,300	900	320	2,263	1,317	372
19.0 - 20.9	12,991	2,131	1,659	322	1,566	554	196	1,572	835	366
21.0 - 28.9	19,793	3,685	2,838	413	2,574	578	225	1,632	1,549	667
29.0 +	4,929	996	837	63	500	36	23	229	518	130
Total	161,847	20,371	16,566	4,182	16,878	7,680	2,097	15,755	11,830	2,980
Great Plains:										
11.0 - 12.9	725	95	44	10	15	31	0	3	12	0
13.0 - 14.9	701	92	30	12	18	28	0	1	17	0
15.0 - 16.9	620	87	31	7	12	19	0	0	13	0
17.0 - 18.9	521	72	24	6	12	19	0	0	16	0
19.0 - 20.9	445	63	31	2	13	6	0	1	15	0
21.0 - 28.9	1,133	184	50	2	27	10	0	1	37	0
29.0 +	795	76	19	0	6	2	0	1	27	0
Total	4,940	669	229	39	103	115	0	7	137	0
Southeast:										
11.0 - 12.9	32,845	3,255	1,123	2,327	5,758	1,754	12	175	2,390	319
13.0 - 14.9	35,702	3,529	1,379	2,513	5,981	2,133	19	195	2,183	460
15.0 - 16.9	32,653	3,416	1,551	2,458	5,543	1,732	37	192	1,946	469
17.0 - 18.9	26,123	2,616	1,390	2,106	4,821	1,362	17	146	1,365	419
19.0 - 20.9	18,256	1,780	1,160	1,475	3,157	866	16	107	957	293
21.0 - 28.9	30,605	3,014	2,602	3,302	6,382	1,386	52	124	1,308	563
29.0 +	7,264	663	809	1,372	1,793	199	0	50	147	91
Total	183,448	18,273	10,014	15,553	33,435	9,432	153	989	10,296	2,614
South Central:										
11.0 - 12.9	39,608	4,995	1,938	3,807	8,360	4,496	6	452	772	465
13.0 - 14.9	41,492	4,827	2,263	4,028	8,895	4,526	6	477	751	569
15.0 - 16.9	35,432	4,485	2,325	3,015	8,420	3,282	0	426	502	675
17.0 - 18.9	26,267	3,051	2,022	2,339	6,470	2,269	0	262	349	644
19.0 - 20.9	17,771	1,782	1,532	1,570	4,279	1,343	0	115	271	571
21.0 - 28.9	27,874	2,394	2,993	2,404	7,342	2,159	21	211	298	1,263
29.0 +	5,120	269	632	553	1,658	358	7	4	86	219
Total	193,564	21,803	13,705	17,716	45,424	18,433	40	1,947	3,029	4,406
Eastern total:										
11.0 - 12.9	160,146	14,076	10,921	9,709	20,297	10,007	2,225	10,188	14,003	4,099
13.0 - 14.9	152,319	14,182	11,191	9,894	21,327	9,876	1,886	9,302	11,158	4,195
15.0 - 16.9	125,919	13,336	10,849	7,993	19,191	7,363	1,580	7,307	7,751	3,746
17.0 - 18.9	93,414	10,145	8,760	6,161	15,570	5,161	1,034	5,308	5,440	2,950
19.0 - 20.9	62,805	6,754	6,641	4,099	10,294	3,052	675	3,579	3,300	2,079
21.0 - 28.9	98,971	10,693	12,092	7,120	18,509	4,521	1,193	4,785	5,010	3,538
29.0 +	21,943	2,391	3,063	2,099	4,340	636	203	831	1,201	595
Total	715,517	71,577	63,517	47,075	109,528	40,616	8,796	41,300	47,863	21,202

Table 24–Net volume of hardwood sawtimber on timberland in the Eastern United States, by species, region, and State, 1987, continued

Region and diameter class (in inches)	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow poplar	Cotton-wood and aspen	Black walnut	Black cherry	Other eastern hard-woods
	Million board feet, International 1/4-inch rule								
Northeast:									
11.0 - 12.9	251	192	2,288	750	1,300	2,201	92	2,230	3,825
13.0 - 14.9	301	182	1,945	702	1,590	1,456	109	2,306	2,675
15.0 - 16.9	222	188	1,446	489	1,573	775	132	1,737	2,061
17.0 - 18.9	133	130	999	363	1,247	272	38	1,113	1,112
19.0 - 20.9	91	92	508	234	878	181	45	709	737
21.0 - 28.9	121	183	527	250	1,545	85	57	751	876
29.0 +	22	0	101	44	329	27	0	68	258
Total	1,141	967	7,814	2,832	8,462	4,997	473	8,914	11,544
North Central:									
11.0 - 12.9	108	52	2,352	2,170	603	9,314	475	738	5,116
13.0 - 14.9	94	60	1,859	1,684	705	5,994	476	590	3,617
15.0 - 16.9	73	37	1,319	1,191	826	3,330	379	470	2,493
17.0 - 18.9	54	41	936	854	659	1,629	215	192	1,784
19.0 - 20.9	33	24	525	500	478	753	138	171	1,168
21.0 - 28.9	42	49	722	628	796	1,133	106	159	1,997
29.0 +	11	13	124	95	82	624	3	20	625
Total	415	276	7,837	7,122	4,149	22,777	1,792	2,340	16,800
Great Plains:									
11.0 - 12.9	0	0	91	26	0	155	55	1	187
13.0 - 14.9	0	0	82	34	0	154	50	2	181
15.0 - 16.9	0	0	71	22	0	145	33	1	179
17.0 - 18.9	0	0	59	13	0	123	28	1	148
19.0 - 20.9	0	0	46	6	0	141	15	0	106
21.0 - 28.9	0	0	95	11	0	467	17	0	232
29.0 +	0	0	9	1	0	552	4	0	98
Total	0	0	453	113	0	1,737	202	5	1,131
Southeast:									
11.0 - 12.9	4,171	3,959	822	177	4,244	40	100	108	2,111
13.0 - 14.9	4,259	4,224	898	157	5,542	38	103	55	2,034
15.0 - 16.9	3,465	3,531	769	215	5,555	46	59	33	1,636
17.0 - 18.9	2,440	2,915	647	107	4,298	41	61	48	1,324
19.0 - 20.9	1,731	1,892	435	91	3,305	44	29	19	899
21.0 - 28.9	2,185	2,766	612	112	4,644	89	41	58	1,365
29.0 +	312	811	105	26	548	91	8	7	232
Total	18,563	20,098	4,288	885	28,136	389	401	328	9,601
South Central:									
11.0 - 12.9	4,609	2,294	1,168	183	2,199	187	189	0	3,488
13.0 - 14.9	4,822	2,552	1,270	136	2,745	212	185	0	3,228
15.0 - 16.9	3,502	2,005	1,158	136	2,374	262	117	0	2,748
17.0 - 18.9	2,351	1,125	788	123	1,892	323	34	0	2,225
19.0 - 20.9	1,919	799	479	71	1,228	315	32	0	1,465
21.0 - 28.9	2,030	813	818	86	1,567	957	24	0	2,494
29.0 +	219	31	69	0	197	411	8	0	399
Total	19,452	9,619	5,750	735	12,202	2,667	589	0	16,047
Eastern total:									
11.0 - 12.9	9,139	6,497	6,721	3,306	8,346	11,897	911	3,077	14,727
13.0 - 14.9	9,476	7,018	6,054	2,713	10,582	7,854	923	2,953	11,735
15.0 - 16.9	7,262	5,761	4,763	2,053	10,328	4,558	720	2,241	9,117
17.0 - 18.9	4,978	4,211	3,429	1,460	8,096	2,388	376	1,354	6,593
19.0 - 20.9	3,774	2,807	1,993	902	5,889	1,434	259	899	4,375
21.0 - 28.9	4,378	3,811	2,774	1,087	8,552	2,731	245	968	6,964
29.0 +	564	855	408	166	1,156	1,705	23	95	1,612
Total	39,571	30,960	26,142	11,687	52,949	32,567	3,457	11,587	55,123

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ from volume by State in other tables because of rounding.

Table 25—Net volume of growing stock on timberland in the Western United States, by species, region, and diameter class, 1987

Region and diameter class[a]	All species	Total soft-woods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
		Softwoods								
	Million cubic feet									
Pacific Northwest:										
Douglas-fir subregion–										
5.0 - 6.9	2,760	2,045	928	12	224	656	7	10	0	21
7.0 - 8.9	5,114	3,750	1,803	16	358	1,225	5	17	0	42
9.0 - 10.9	7,114	5,270	2,662	21	430	1,715	8	25	1	71
11.0 - 12.9	7,843	5,961	3,160	24	505	1,800	13	22	1	79
13.0 - 14.9	8,005	6,393	3,600	27	533	1,795	12	27	3	91
15.0 - 16.9	7,593	6,391	3,604	39	546	1,709	10	29	1	103
17.0 - 18.9	7,125	6,234	3,556	29	544	1,662	11	30	6	88
19.0 - 20.9	6,212	5,676	3,334	42	548	1,330	16	31	6	83
21.0 - 28.9	17,614	16,677	9,548	86	1,835	3,796	75	126	14	254
29.0 +	25,441	25,079	15,030	158	2,424	4,184	334	111	61	903
Total, all classes	94,821	83,476	47,225	454	7,947	19,872	491	428	93	1,735
Ponderosa pine subregion–										
5.0 - 6.9	2,261	2,236	339	292	397	26	2	8	0	0
7.0 - 8.9	2,971	2,948	619	422	559	48	3	16	0	0
9.0 - 10.9	3,129	3,099	725	506	586	53	2	26	0	0
11.0 - 12.9	3,287	3,256	935	601	583	66	1	34	0	0
13.0 - 14.9	3,011	2,970	853	646	599	67	1	38	0	0
15.0 - 16.9	2,734	2,715	809	616	561	68	1	26	0	0
17.0 - 18.9	2,421	2,412	702	638	505	74	4	23	0	0
19.0 - 20.9	2,104	2,098	556	652	410	70	5	23	0	0
21.0 - 28.9	5,771	5,751	1,610	1,991	1,032	197	7	58	0	0
29.0 +	5,053	5,052	1,422	2,293	693	128	13	32	0	0
Total, all classes	32,742	32,537	8,570	8,657	5,925	797	39	284	0	0
Alaska–										
5.0 - 6.9	1,620	956	0	0	1	262	0	0	0	66
7.0 - 8.9	2,964	1,934	0	0	0	395	0	0	0	143
9.0 - 10.9	3,069	2,394	0	0	2	578	0	0	0	249
11.0 - 12.9	3,267	2,705	0	0	0	841	0	0	0	335
13.0 - 14.9	3,010	2,675	0	0	1	902	0	0	0	517
15.0 - 16.9	2,999	2,662	0	0	0	1,103	0	0	0	600
17.0 - 18.9	2,937	2,750	0	0	0	1,227	0	0	0	755
19.0 - 20.9	2,641	2,506	0	0	2	1,271	0	0	0	672
21.0 - 28.9	9,013	8,797	0	0	5	4,691	0	0	0	2,582
29.0 +	9,740	9,670	0	0	4	4,602	0	0	0	4,225
Total, all classes	41,260	37,049	0	0	15	15,872	0	0	0	10,144
Total, Pacific Northwest–										
5.0 - 6.9	6,641	5,237	1,267	304	622	944	9	18	0	87
7.0 - 8.9	11,049	8,632	2,422	438	917	1,668	8	33	0	185
9.0 - 10.9	13,312	10,763	3,387	527	1,018	2,346	10	51	1	320
11.0 - 12.9	14,397	11,922	4,095	625	1,088	2,707	14	56	1	414
13.0 - 14.9	14,026	12,038	4,453	673	1,133	2,764	13	65	3	608
15.0 - 16.9	13,326	11,768	4,413	655	1,107	2,880	11	55	1	703
17.0 - 18.9	12,483	11,396	4,258	667	1,049	2,963	15	53	6	843
19.0 - 20.9	10,957	10,280	3,890	694	960	2,671	21	54	6	755
21.0 - 28.9	32,398	31,225	11,158	2,077	2,872	8,684	82	184	14	2,836
29.0 +	40,234	39,801	16,452	2,451	3,121	8,914	347	143	61	5,128
Total, all classes	168,823	153,062	55,795	9,111	13,887	36,541	530	712	93	11,879

Table 25—Net volume of growing stock on timberland in the Western United States, by species, region, and diameter class, 1987, continued

Region and diameter class[a]	Softwoods - continued					Hardwoods				
	Engelmann and other spruces	Western larch	Incense cedar	Lodgepole pine	Other western soft-woods	Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other western hard-woods
	Million cubic feet									
Pacific Northwest:										
Douglas-fir subregion[b]--										
5.0 - 6.9	2	0	39	39	107	715	5	478	43	189
7.0 - 8.9	3	1	53	59	168	1,364	11	1,023	48	282
9.0 - 10.9	5	1	62	67	202	1,844	24	1,432	58	330
11.0 - 12.9	5	0	61	76	215	1,882	18	1,477	63	324
13.0 - 14.9	6	1	61	44	193	1,612	25	1,168	80	339
15.0 - 16.9	9	3	80	28	230	1,202	45	857	47	253
17.0 - 18.9	8	5	70	17	208	891	38	608	57	188
19.0 - 20.9	7	2	78	5	194	536	46	271	50	169
21.0 - 28.9	22	9	277	3	632	937	100	367	91	379
29.0 +	10	6	842	0	1,016	362	73	29	47	213
Total, all classes	77	28	1,623	338	3,165	11,345	385	7,710	584	2,666
Ponderosa pine subregion[b]--										
5.0 - 6.9	51	120	7	966	28	25	4	0	9	12
7.0 - 8.9	63	199	7	966	46	23	9	0	2	12
9.0 - 10.9	83	216	8	837	57	30	19	1	5	5
11.0 - 12.9	107	229	10	643	47	31	21	2	1	7
13.0 - 14.9	105	220	8	385	48	41	30	3	2	6
15.0 - 16.9	118	206	8	238	64	19	18	0	1	0
17.0 - 18.9	99	164	9	135	59	9	9	0	0	0
19.0 - 20.9	96	158	8	85	35	6	5	1	0	0
21.0 - 28.9	256	402	32	61	105	20	15	3	2	0
29.0 +	138	183	56	9	85	1	1	0	0	0
Total, all classes	1,116	2,097	153	4,325	574	205	131	10	22	42
Alaska--										
5.0 - 6.9	512	0	0	1	114	664	236	13	0	415
7.0 - 8.9	1,269	0	0	0	127	1,030	337	6	0	687
9.0 - 10.9	1,325	0	0	1	239	675	222	8	0	445
11.0 - 12.9	1,202	0	0	0	327	562	210	9	0	343
13.0 - 14.9	855	0	0	1	399	335	129	13	0	193
15.0 - 16.9	486	0	0	10	463	337	177	5	0	155
17.0 - 18.9	282	0	0	13	473	187	109	5	0	73
19.0 - 20.9	69	0	0	5	487	135	128	1	0	6
21.0 - 28.9	48	0	0	8	1,463	216	211	1	0	4
29.0 +	4	0	0	0	835	70	68	1	0	1
Total, all classes	6,052	0	0	39	4,927	4,211	1,827	62	0	2,322
Total, Pacific Northwest--										
5.0 - 6.9	565	120	46	1,006	249	1,404	245	491	52	616
7.0 - 8.9	1,335	200	60	1,025	341	2,417	357	1,029	50	981
9.0 - 10.9	1,413	217	70	905	498	2,549	265	1,441	63	780
11.0 - 12.9	1,314	229	71	719	589	2,475	249	1,488	64	674
13.0 - 14.9	966	221	69	430	640	1,988	184	1,184	82	538
15.0 - 16.9	613	209	88	276	757	1,558	240	862	48	408
17.0 - 18.9	389	169	79	165	740	1,087	156	613	57	261
19.0 - 20.9	172	160	86	95	716	677	179	273	50	175
21.0 - 28.9	326	411	309	72	2,200	1,173	326	371	93	383
29.0 +	152	189	898	9	1,936	433	142	30	47	214
Total, all classes	7,245	2,125	1,776	4,702	8,666	15,761	2,343	7,782	606	5,030

Table 25–Net volume of growing stock on timberland in the Western United States, by species, region, and diameter class, 1987, continued

Region and diameter class[a]	All species	Total soft-woods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
		Softwoods								
	Million cubic feet									
Pacific Southwest:										
5.0 - 6.9	1,442	891	279	186	254	2	22	2	28	0
7.0 - 8.9	2,215	1,417	365	322	441	0	41	6	67	3
9.0 - 10.9	2,577	1,754	470	377	528	6	49	8	117	0
11.0 - 12.9	2,916	2,135	527	439	670	6	67	8	162	2
13.0 - 14.9	3,133	2,383	572	495	780	3	66	12	197	0
15.0 - 16.9	3,326	2,627	653	603	747	7	86	13	237	5
17.0 - 18.9	3,417	2,791	632	615	799	3	117	15	345	0
19.0 - 20.9	3,149	2,664	645	576	681	5	113	17	403	5
21.0 - 28.9	11,634	10,222	2,368	2,157	2,891	2	487	96	1,414	17
29.0 +	20,248	19,429	6,190	2,925	4,899	8	1,983	142	2,144	4
Total, all classes	54,057	46,313	12,701	8,695	12,690	42	3,031	319	5,114	36
Rocky Mountains:										
5.0 - 6.9	9,726	8,640	1,401	656	1,558	64	0	28	0	0
7.0 - 8.9	13,742	12,319	2,114	1,158	1,849	98	0	48	0	0
9.0 - 10.9	14,813	13,389	2,545	1,396	2,021	111	0	91	0	0
11.0 - 12.9	13,314	12,426	2,711	1,697	1,898	110	0	137	0	0
13.0 - 14.9	11,236	10,686	2,639	1,702	1,647	104	0	135	0	0
15.0 - 16.9	9,275	8,958	2,325	1,638	1,395	87	0	128	0	0
17.0 - 18.9	7,310	7,143	1,981	1,361	1,033	91	0	147	0	0
19.0 - 20.9	5,728	5,604	1,628	1,172	822	63	0	140	0	0
21.0 - 28.9	13,325	13,162	3,623	3,258	1,688	160	0	463	0	0
29.0 +	6,150	6,075	1,599	1,508	951	83	2	261	0	0
Total, all classes	104,619	98,402	22,566	15,546	14,862	971	2	1,578	0	0
Total, Western regions:										
5.0 - 6.9	17,809	14,768	2,947	1,146	2,434	1,010	31	48	28	87
7.0 - 8.9	27,006	22,368	4,901	1,918	3,207	1,766	49	87	67	188
9.0 - 10.9	30,702	25,906	6,402	2,300	3,567	2,463	59	150	118	320
11.0 - 12.9	30,627	26,483	7,333	2,761	3,656	2,823	81	201	163	416
13.0 - 14.9	28,395	25,107	7,664	2,870	3,560	2,871	79	212	200	608
15.0 - 16.9	25,927	23,353	7,391	2,896	3,249	2,974	97	196	238	708
17.0 - 18.9	23,210	21,330	6,871	2,643	2,881	3,057	132	215	351	843
19.0 - 20.9	19,834	18,548	6,163	2,442	2,463	2,739	134	211	409	760
21.0 - 28.9	57,357	54,609	17,149	7,492	7,451	8,846	569	743	1,428	2,853
29.0 +	66,632	65,305	24,241	6,884	8,971	9,005	2,332	546	2,205	5,132
Total, all regions and classes	327,499	297,777	91,062	33,352	41,439	37,554	3,563	2,609	5,207	11,915

Table 25--Net volume of growing stock on timberland in the Western United States, by species, region, and diameter class, 1987, continued

Region and diameter class[a]	Softwoods - continued					Hardwoods				
	Engelmann and other spruces	Western larch	Incense cedar	Lodgepole pine	Other western soft-woods	Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other western hard-woods
	Million cubic feet									
Pacific Southwest:										
5.0 - 6.9	0	0	79	24	15	551	2	10	412	127
7.0 - 8.9	1	0	99	53	19	798	2	24	579	193
9.0 - 10.9	2	0	100	64	33	823	2	24	629	168
11.0 - 12.9	1	0	139	83	31	781	2	14	549	216
13.0 - 14.9	1	0	141	85	31	750	1	14	547	188
15.0 - 16.9	2	0	135	94	45	699	2	13	489	195
17.0 - 18.9	2	0	141	83	39	626	2	8	469	147
19.0 - 20.9	1	0	131	57	30	485	0	6	357	122
21.0 - 28.9	2	0	497	196	95	1,412	7	18	1,068	319
29.0 +	2	0	903	122	107	819	0	2	629	188
Total, all classes	14	0	2,365	861	445	7,744	20	133	5,728	1,863
Rocky Mountains:										
5.0 - 6.9	592	292	0	3,873	176	1,086	1,074	0	0	12
7.0 - 8.9	1,000	438	0	5,301	313	1,423	1,410	0	0	13
9.0 - 10.9	1,426	505	0	4,936	358	1,424	1,413	0	0	11
11.0 - 12.9	1,669	491	0	3,315	398	888	884	0	0	4
13.0 - 14.9	1,641	483	0	1,976	359	550	548	0	0	2
15.0 - 16.9	1,650	436	0	1,010	289	317	314	0	0	3
17.0 - 18.9	1,469	376	0	416	269	167	167	0	0	0
19.0 - 20.9	1,038	340	0	188	213	124	124	0	0	0
21.0 - 28.9	2,379	885	1	111	594	163	163	0	0	0
29.0 +	654	571	2	8	436	75	75	0	0	0
Total, all classes	13,518	4,817	3	21,134	3,405	6,217	6,172	0	0	45
Total, Western regions:										
5.0 - 6.9	1,157	412	125	4,903	440	3,041	1,321	501	464	755
7.0 - 8.9	2,336	638	159	6,379	673	4,638	1,769	1,053	629	1,187
9.0 - 10.9	2,841	722	170	5,905	889	4,796	1,680	1,465	692	959
11.0 - 12.9	2,984	720	210	4,117	1,018	4,144	1,135	1,502	613	894
13.0 - 14.9	2,608	704	210	2,491	1,030	3,288	733	1,198	629	728
15.0 - 16.9	2,265	645	223	1,380	1,091	2,574	556	875	537	606
17.0 - 18.9	1,860	545	220	664	1,048	1,880	325	621	526	408
19.0 - 20.9	1,211	500	217	340	959	1,286	303	279	407	297
21.0 - 28.9	2,707	1,296	807	379	2,889	2,748	496	389	1,161	702
29.0 +	808	760	1,803	139	2,479	1,327	217	32	676	402
Total, all regions and classes	20,777	6,942	4,144	26,697	12,516	29,722	8,535	7,915	6,334	6,938

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

[a] Diameter classes are displayed in inches.

[b] Estimates of hardwood volume are not available for most National Forests in Oregon and Washington.

Table 26—Net volume of sawtimber on timberland in the Western United States, by species, region, and diameter class, 1987

Region and diameter class[a]	All species	Total soft-woods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
		Softwoods								
	Million board feet, International 1/4-inch rule									
Pacific Northwest:										
Douglas-fir subregion–										
9.0 - 10.9	23,554	23,554	12,081	82	1,743	7,783	26	100	3	313
11.0 - 12.9	39,560	31,035	16,516	122	2,435	9,808	43	98	4	396
13.0 - 14.9	44,686	36,311	20,672	127	2,724	10,571	62	141	16	497
15.0 - 16.9	44,520	37,924	21,714	218	2,986	10,335	50	163	3	602
17.0 - 18.9	43,375	38,509	22,001	176	3,112	10,702	69	188	33	534
19.0 - 20.9	38,636	35,856	21,259	256	3,302	8,578	96	185	39	522
21.0 - 28.9	110,742	106,028	63,844	501	7,504	25,520	468	833	90	1,629
29.0 +	179,423	177,857	105,977	973	17,792	31,257	2,211	782	395	6,302
Total, all classes	524,496	487,074	284,064	2,455	41,598	114,554	3,025	2,490	583	10,795
Ponderosa pine subregion–										
9.0 - 10.9	15,666	15,666	3,557	2,284	3,042	286	9	151	0	0
11.0 - 12.9	18,297	18,168	4,865	3,080	3,247	390	8	227	0	0
13.0 - 14.9	17,886	17,672	4,850	3,638	3,605	451	7	259	0	0
15.0 - 16.9	17,281	17,183	4,969	3,748	3,579	502	4	191	0	0
17.0 - 18.9	16,094	16,044	4,532	4,170	3,348	553	23	178	0	0
19.0 - 20.9	14,652	14,618	3,825	4,549	2,813	551	27	172	0	0
21.0 - 28.9	46,981	46,860	11,841	19,144	7,385	1,647	56	445	0	0
29.0 +	41,269	41,260	11,456	19,801	4,868	1,154	115	304	0	0
Total, all classes	188,126	187,471	49,895	60,414	31,887	5,534	249	1,927	0	0
Alaska–										
9.0 - 10.9	7,388	7,388	0	0	0	137	0	0	0	373
11.0 - 12.9	14,276	12,340	0	0	0	3,488	0	0	0	1,378
13.0 - 14.9	13,905	12,544	0	0	6	4,046	0	0	0	2,298
15.0 - 16.9	14,410	12,910	0	0	0	5,198	0	0	0	3,021
17.0 - 18.9	14,269	13,446	0	0	0	5,970	0	0	0	3,935
19.0 - 20.9	13,013	12,401	0	0	10	6,307	0	0	0	3,587
21.0 - 28.9	46,291	45,096	0	0	27	23,683	0	0	0	14,595
29.0 +	52,596	52,192	0	0	22	23,163	0	0	0	25,208
Total, all classes	176,148	168,317	0	0	65	71,992	0	0	0	54,395
Total, Pacific Northwest–										
9.0 - 10.9	46,608	46,608	15,638	2,366	4,785	8,206	35	251	3	686
11.0 - 12.9	72,133	61,543	21,381	3,202	5,682	13,686	51	325	4	1,774
13.0 - 14.9	76,477	66,527	25,522	3,765	6,335	15,068	69	400	16	2,795
15.0 - 16.9	76,211	68,017	26,683	3,966	6,565	16,035	54	354	3	3,623
17.0 - 18.9	73,738	67,999	26,533	4,346	6,460	17,225	92	366	33	4,469
19.0 - 20.9	66,301	62,875	25,084	4,805	6,125	15,436	123	357	39	4,109
21.0 - 28.9	204,014	197,984	75,685	19,645	14,916	50,850	524	1,278	90	16,224
29.0 +	273,288	271,309	117,433	20,774	22,682	55,574	2,326	1,086	395	31,510
Total, all classes	888,770	842,862	333,959	62,869	73,550	192,080	3,274	4,417	583	65,190

Table 26--Net volume of sawtimber on timberland in the Western United States, by species, region, and diameter class, 1987, continued

Region and diameter class[a]	Softwoods - continued					Hardwoods				
	Engelmann and other spruces	Western larch	Incense cedar	Lodgepole pine	Other western soft-woods	Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other western hard-woods
	Million board feet, International 1/4-inch rule									
Pacific Northwest:										
Douglas-fir subregion[b]--										
9.0 - 10.9	14	3	239	301	866	0	0	0	0	0
11.0 - 12.9	11	1	220	320	1,061	8,525	89	6,919	153	1,364
13.0 - 14.9	26	2	252	210	1,011	8,375	142	6,436	196	1,601
15.0 - 16.9	42	5	368	150	1,288	6,596	279	5,003	124	1,190
17.0 - 18.9	49	9	337	99	1,200	4,866	236	3,612	153	865
19.0 - 20.9	43	11	389	23	1,153	2,780	298	1,606	143	733
21.0 - 28.9	150	56	1,589	19	3,825	4,714	641	2,176	257	1,640
29.0 +	57	25	5,733	0	6,353	1,566	461	158	142	805
Total, all classes	392	112	9,127	1,122	16,757	37,422	2,146	25,910	1,168	8,198
Ponderosa pine subregion[b]--										
9.0 - 10.9	457	1,060	42	4,535	243	0	0	0	0	0
11.0 - 12.9	630	1,332	287	3,878	224	129	89	4	5	31
13.0 - 14.9	679	1,406	144	2,386	247	214	161	17	10	26
15.0 - 16.9	792	1,428	105	1,518	347	98	96	0	1	1
17.0 - 18.9	711	1,237	82	878	332	50	48	1	0	1
19.0 - 20.9	683	1,196	68	543	191	34	28	5	0	1
21.0 - 28.9	1,953	3,162	251	401	575	121	92	16	12	1
29.0 +	1,043	1,453	490	150	426	9	8	0	0	1
Total, all classes	6,948	12,274	1,469	14,289	2,585	655	522	43	28	62
Alaska--										
9.0 - 10.9	6,812	0	0	0	66	0	0	0	0	0
11.0 - 12.9	6,349	0	0	0	1,125	1,936	654	40	0	1,242
13.0 - 14.9	4,674	0	0	4	1,516	1,361	505	59	0	797
15.0 - 16.9	2,795	0	0	48	1,848	1,500	820	20	0	660
17.0 - 18.9	1,505	0	0	71	1,965	823	505	21	0	297
19.0 - 20.9	399	0	0	27	2,071	612	573	2	0	37
21.0 - 28.9	283	0	0	43	6,465	1,195	1,170	3	0	22
29.0 +	24	0	0	0	3,775	404	397	2	0	5
Total, all classes	22,841	0	0	193	18,831	7,831	4,624	147	0	3,060
Total, Pacific Northwest--										
9.0 - 10.9	7,283	1,063	281	4,836	1,175	0	0	0	0	0
11.0 - 12.9	6,990	1,333	507	4,198	2,410	10,590	832	6,963	158	2,637
13.0 - 14.9	5,379	1,408	396	2,600	2,774	9,950	808	6,512	206	2,424
15.0 - 16.9	3,629	1,433	473	1,716	3,483	8,194	1,195	5,023	125	1,851
17.0 - 18.9	2,265	1,246	419	1,048	3,497	5,739	789	3,634	153	1,163
19.0 - 20.9	1,125	1,207	457	593	3,415	3,426	899	1,613	143	771
21.0 - 28.9	2,386	3,218	1,840	463	10,865	6,030	1,903	2,195	269	1,663
29.0 +	1,124	1,478	6,223	150	10,554	1,979	866	160	142	811
Total, all classes	30,181	12,386	10,596	15,604	38,173	45,908	7,292	26,100	1,196	11,320

Table 26--Net volume of sawtimber on timberland in the Western United States, by species, region, and diameter class, 1987, continued

Region and diameter class[a]	All species	Total soft-woods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
		Softwoods								
	Million board feet, International 1/4-inch rule									
Pacific Southwest:										
9.0 - 10.9	10,000	10,000	2,732	2,167	3,147	25	268	50	452	0
11.0 - 12.9	15,837	12,830	3,198	2,690	4,167	30	405	59	750	8
13.0 - 14.9	17,877	14,853	3,612	3,118	5,017	11	432	81	1,012	0
15.0 - 16.9	19,624	16,628	4,173	3,912	4,841	39	546	81	1,265	29
17.0 - 18.9	20,547	17,848	4,088	4,023	5,244	13	767	100	1,942	0
19.0 - 20.9	19,210	17,094	4,185	3,844	4,457	28	761	113	2,304	29
21.0 - 28.9	73,910	67,481	15,898	14,833	19,185	14	3,332	690	8,363	107
29.0+	136,153	132,455	42,245	20,894	32,840	46	14,197	1,006	13,833	27
Total, all classes	313,158	289,189	80,131	55,481	78,898	206	20,708	2,180	29,921	200
Rocky Mountains:										
9.0 - 10.9	51,532	51,532	9,397	4,108	7,966	430	0	378	0	0
11.0 - 12.9	64,045	59,459	12,713	6,835	9,470	517	0	700	0	0
13.0 - 14.9	57,091	54,022	13,332	8,089	8,506	514	0	725	0	0
15.0 - 16.9	48,471	46,693	12,226	8,393	7,200	430	0	655	0	0
17.0 - 18.9	39,161	38,224	10,724	7,339	5,356	433	0	754	0	0
19.0 - 20.9	31,100	30,403	8,812	6,596	4,321	292	1	726	0	0
21.0 - 28.9	73,989	73,135	19,767	19,226	8,771	694	1	2,396	0	0
29.0+	33,812	33,443	8,969	9,341	4,718	306	16	1,399	0	0
Total, all classes	399,201	386,911	95,940	69,927	56,308	3,616	18	7,733	0	0
Total, Western regions:										
9.0 - 10.9	108,140	108,140	27,767	8,641	15,898	8,661	303	679	455	686
11.0 - 12.9	152,015	133,832	37,292	12,727	19,319	14,233	456	1,084	754	1,782
13.0 - 14.9	151,445	135,402	42,466	14,972	19,858	15,593	501	1,206	1,028	2,795
15.0 - 16.9	144,306	131,338	43,082	16,271	18,606	16,504	600	1,090	1,268	3,652
17.0 - 18.9	133,446	124,071	41,345	15,708	17,060	17,671	859	1,220	1,975	4,469
19.0 - 20.9	116,611	110,372	38,081	15,245	14,903	15,756	885	1,196	2,343	4,138
21.0 - 28.9	351,913	338,600	111,350	53,704	42,872	51,558	3,857	4,364	8,453	16,331
29.0+	443,253	437,207	168,647	51,009	60,240	55,926	16,539	3,491	14,228	31,537
Total, all regions and classes	1,601,129	1,518,962	510,030	188,277	208,756	195,902	24,000	14,330	30,504	65,390

Table 26--Net volume of sawtimber on timberland in the Western United States, by species, region, and diameter class, 1987, continued

Region and diameter class[a]	Softwoods - continued					Hardwoods				
	Engelmann and other spruces	Western larch	Incense cedar	Lodgepole pine	Other western soft-woods	Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other western hard-woods
	Million board feet, International 1/4-inch rule									
Pacific Southwest:										
9.0 - 10.9	11	0	569	400	179	0	0	0	0	0
11.0 - 12.9	6	0	784	552	181	3,007	10	62	2,074	861
13.0 - 14.9	7	0	821	565	177	3,024	8	75	2,185	756
15.0 - 16.9	16	0	819	640	267	2,996	8	73	2,032	883
17.0 - 18.9	16	0	862	560	233	2,699	11	46	1,977	665
19.0 - 20.9	5	0	811	381	176	2,116	0	31	1,504	581
21.0 - 28.9	14	0	3,111	1,321	613	6,429	37	102	4,817	1,473
29.0 +	14	0	5,812	841	700	3,698	0	11	2,881	806
Total, all classes	89	0	13,589	5,260	2,526	23,969	74	400	17,470	6,025
Rocky Mountains:										
9.0 - 10.9	5,946	2,205	0	19,888	1,214	0	0	0	0	0
11.0 - 12.9	8,171	2,808	1	16,525	1,719	4,586	4,566	0	0	20
13.0 - 14.9	8,391	2,756	1	10,060	1,648	3,069	3,058	0	0	11
15.0 - 16.9	8,739	2,466	1	5,166	1,417	1,778	1,764	0	0	14
17.0 - 18.9	8,069	2,127	0	2,111	1,311	937	935	0	0	2
19.0 - 20.9	5,791	1,889	0	991	984	697	693	0	0	4
21.0 - 28.9	14,076	4,871	5	638	2,690	854	853	0	0	1
29.0 +	4,036	2,880	11	37	1,730	369	369	0	0	0
Total, all classes	63,219	22,002	19	55,416	12,713	12,290	12,238	0	0	52
Total, Western regions:										
9.0 - 10.9	13,240	3,268	850	25,124	2,568	0	0	0	0	0
11.0 - 12.9	15,167	4,141	1,292	21,275	4,310	18,183	5,408	7,025	2,232	3,518
13.0 - 14.9	13,777	4,164	1,218	13,225	4,599	16,043	3,874	6,587	2,391	3,191
15.0 - 16.9	12,384	3,899	1,293	7,522	5,167	12,968	2,967	5,096	2,157	2,748
17.0 - 18.9	10,350	3,373	1,281	3,719	5,041	9,375	1,735	3,680	2,130	1,830
19.0 - 20.9	6,921	3,096	1,268	1,965	4,575	6,239	1,592	1,644	1,647	1,356
21.0 - 28.9	16,476	8,089	4,956	2,422	14,168	13,313	2,793	2,297	5,086	3,137
29.0 +	5,174	4,358	12,046	1,028	12,984	6,046	1,235	171	3,023	1,617
Total, all regions and classes	93,489	34,388	24,204	76,280	53,412	82,167	19,604	26,500	18,666	17,397

Note: Data may not add to totals because of rounding. Total volume by state in this table may differ slightly from volume by state in other tables because of rounding.

[a] Diameter classes are displayed in inches

[b] Estimates of hardwood volume are not available for most National Forests in Oregon and Washington.

Table 27--Annual mortality of growing stock on timberland in the United States, by ownership, region, and species group, for 1952, 1962, 1970, 1976, and 1986

Region and species group	All owners					National Forest					Other public				
	1986	1976	1970	1962	1952	1986	1976	1970	1962	1952	1986	1976	1970	1962	1952
						Thousand cubic feet									
Northeast:															
Softwoods	257,140	191,544	207,938	180,000	150,800	5,393	1,746	4,692	4,180	3,570	14,875	10,561	9,292	7,927	6,911
Hardwoods	418,217	356,773	356,776	301,400	248,200	15,518	10,823	14,309	12,030	9,810	51,156	33,580	33,391	27,528	21,982
Total	675,357	548,317	564,714	481,400	399,000	20,911	12,569	19,001	16,210	13,380	66,031	44,141	42,683	35,455	28,893
North Central:															
Softwoods	110,926	132,777	124,099	113,149	64,834	19,836	21,732	24,672	24,296	16,214	41,299	36,930	36,123	33,314	19,644
Hardwoods	456,852	467,451	411,103	345,595	226,384	44,034	36,115	34,171	29,973	18,417	87,701	102,796	85,411	66,873	38,737
Total	567,778	600,228	535,202	458,744	291,218	63,870	57,847	58,843	54,269	34,631	129,000	139,726	121,534	100,187	58,381
Great Plains:															
Softwoods	7,033	3,940	3,700	3,600	3,300	4,483	3,543	3,325	3,226	3,025	38	130	85	85	59
Hardwoods	7,803	29,312	27,400	25,699	24,730	61	0	0	0	0	474	4,379	3,962	4,127	3,896
Total	14,836	33,252	31,100	29,299	28,030	4,544	3,543	3,325	3,226	3,025	512	4,509	4,047	4,212	3,955
Southeast:															
Softwoods	538,929	416,000	259,065	260,200	234,700	30,253	21,447	13,783	10,300	11,800	29,634	18,553	11,294	16,400	11,100
Hardwoods	375,942	286,783	261,194	301,000	283,800	35,194	24,358	20,935	19,000	18,600	13,662	13,018	10,940	9,400	6,300
Total	914,871	702,783	520,259	561,200	518,500	65,447	45,805	34,718	29,300	30,400	43,296	31,571	22,234	25,800	17,400
South Central:															
Softwoods	351,451	216,201	167,505	138,800	98,700	29,491	19,769	23,022	19,000	12,132	11,919	6,983	3,710	3,200	3,000
Hardwoods	460,976	359,267	316,200	469,400	355,200	18,285	14,497	15,081	20,100	12,227	30,302	18,081	13,255	12,200	8,359
Total	812,427	575,468	483,705	608,200	453,900	47,776	34,266	38,103	39,100	24,359	42,221	25,064	16,965	15,400	11,359
Pacific Northwest:															
Douglas-fir subregion--															
Softwoods	228,370	484,400	577,200	663,200	700,300	65,696	237,200	244,300	296,500	296,400	82,505	113,600	135,500	127,100	127,900
Hardwoods	67,338	70,600	66,600	62,400	49,400	156[a]	6,500	6,300	6,700	5,800	12,440	11,200	9,900	16,100	13,300
Total	295,708	555,000	643,800	725,600	749,700	65,852	243,700	250,600	303,200	302,200	94,945	124,800	145,400	143,200	141,200
Ponderosa pine subregion--															
Softwoods	193,750	215,200	248,200	243,100	252,200	120,581	89,500	122,800	120,900	110,900	30,722	58,600	56,900	57,800	82,100
Hardwoods	949	1,200	1,500	1,600	1,100	0[a]	100	200	300	300	119	700	700	700	400
Total	194,699	216,400	249,700	244,700	253,300	120,581	89,600	123,000	121,200	111,200	30,841	59,300	57,600	58,500	82,500
Alaska--															
Softwoods	172,267	213,596	221,195	222,195	224,700	99,767	146,799	158,692	164,133	171,090	25,451	63,781	61,002	56,741	52,563
Hardwoods	9,912	9,395	9,456	9,367	9,467	154	1,536	1,597	1,608	1,608	5,742	7,656	7,656	7,656	7,756
Total	182,179	222,991	230,651	231,562	234,167	99,921	148,335	160,289	165,741	172,698	31,193	71,437	68,658	64,397	60,319
Total, Pacific Northwest--															
Softwoods	594,387	913,196	1,046,595	1,128,495	1,177,200	286,044	473,499	525,792	581,533	578,390	138,678	235,981	253,402	241,641	262,563
Hardwoods	78,199	81,195	77,556	73,367	59,967	310[a]	8,136	8,097	8,608	7,708	18,301	19,556	18,256	24,456	21,456
Total	672,586	994,391	1,124,151	1,201,862	1,237,167	286,354	481,635	533,889	590,141	586,098	156,979	255,537	271,658	266,097	284,019
Pacific Southwest:															
Softwoods	247,804	137,700	168,600	346,100	366,800	171,205	80,800	103,600	198,100	199,500	6,395	5,100	7,000	12,800	16,500
Hardwoods	24,316	6,792	9,792	10,200	10,100	5,217	2,300	4,300	7,000	7,400	2,399	870	670	300	300
Total	272,120	144,492	178,392	356,300	376,900	176,422	83,100	107,900	205,100	206,900	8,794	5,970	7,670	13,100	16,800
Rocky Mountains:															
Softwoods	487,864	454,779	541,719	598,400	565,300	365,637	270,479	357,419	418,400	388,200	51,122	66,643	66,643	65,887	66,354
Hardwoods	42,628	39,160	45,985	38,900	34,600	22,143	17,860	24,685	19,500	17,200	4,062	6,709	6,709	6,107	5,443
Total	530,492	493,939	587,704	637,300	599,900	387,780	288,339	382,104	437,900	405,400	55,204	73,352	73,352	71,994	71,797
United States:															
Softwoods	2,595,534	2,466,137	2,519,221	2,768,744	2,661,634	912,342	893,015	1,056,305	1,259,035	1,212,831	293,960	380,881	387,549	381,254	386,131
Hardwoods	1,864,933	1,626,733	1,506,006	1,565,561	1,242,981	140,762	114,089	121,578	116,211	91,362	208,077	198,989	172,594	150,991	106,473
Total	4,460,467	4,092,870	4,025,227	4,334,305	3,904,615	1,053,104	1,007,104	1,177,883	1,375,246	1,304,193	502,037	579,870	560,143	532,245	492,604

Table 27—Annual mortality of growing stock on timberland in the United States, by ownership, region, and species group, for 1952, 1962, 1970, 1976, and 1986, continued

Region and species group	Forest industry					Farmer and other private				
	1986	1976	1970	1962	1952	1986	1976	1970	1962	1952
	Thousand cubic feet									
Northeast:										
Softwoods	95,216	65,375	65,174	45,251	37,876	141,656	113,862	128,780	122,642	102,443
Hardwoods	45,889	43,585	40,681	33,263	29,138	305,654	268,785	268,395	228,579	187,270
Total	141,105	108,960	105,855	78,514	67,014	447,310	382,647	397,175	351,221	289,713
North Central:										
Softwoods	13,254	22,180	18,786	17,507	8,308	36,537	51,935	44,518	38,032	20,668
Hardwoods	23,373	43,938	37,825	28,920	15,279	301,744	284,602	253,696	219,829	153,951
Total	36,627	66,118	56,611	46,427	23,587	338,281	336,537	298,214	257,861	174,619
Great Plains:										
Softwoods	0	24	14	14	9	2,512	243	276	275	207
Hardwoods	0	0	0	0	0	7,268	24,933	23,438	21,572	20,834
Total	0	24	14	14	9	9,780	25,176	23,714	21,847	21,041
Southeast:										
Softwoods	81,458	64,000	40,268	50,200	44,200	397,584	312,000	193,720	183,300	167,600
Hardwoods	56,829	40,125	36,989	42,000	43,800	270,257	209,282	192,330	230,600	215,100
Total	138,287	104,125	77,257	92,200	88,000	667,841	521,282	386,050	413,900	382,700
South Central:										
Softwoods	85,998	64,935	52,484	52,200	38,748	224,043	124,514	88,289	64,400	44,820
Hardwoods	71,521	61,844	55,996	82,100	50,775	340,868	264,845	231,868	355,000	283,839
Total	157,519	126,779	108,480	134,300	89,523	564,911	389,359	320,157	419,400	328,659
Pacific Northwest:										
Douglas-fir subregion–										
Softwoods	53,331	100,500	147,400	188,200	223,600	26,838	33,100	50,000	51,400	52,400
Hardwoods	23,757	25,600	21,300	17,900	12,700	30,985	27,300	29,100	21,700	17,600
Total	77,088	126,100	168,700	206,100	236,300	57,823	60,400	79,100	73,100	70,000
Ponderosa pine subregion–										
Softwoods	21,144	33,800	34,400	34,200	31,600	21,303	33,300	34,100	30,200	27,600
Hardwoods	181	0	0	0	100	649	400	600	600	300
Total	21,325	33,800	34,400	34,200	31,700	21,952	33,700	34,700	30,800	27,900
Alaska–										
Softwoods	0	0	0	0	0	47,049	3,016	1,501	1,321	1,047
Hardwoods	0	0	0	0	0	4,016	203	203	103	103
Total	0	0	0	0	0	51,065	3,219	1,704	1,424	1,150
Total, Pacific Northwest–										
Softwoods	74,475	134,300	181,800	222,400	255,200	95,190	69,416	85,601	82,921	81,047
Hardwoods	23,938	25,600	21,300	17,900	12,800	35,650	27,903	29,903	22,403	18,003
Total	98,413	159,900	203,100	240,300	268,000	130,840	97,319	115,504	105,324	99,050
Pacific Southwest:										
Softwoods	29,539	20,600	25,000	48,000	53,500	40,665	31,200	33,000	87,200	97,300
Hardwoods	5,280	1,700	2,000	1,500	1,100	11,420	1,922	2,822	1,400	1,300
Total	34,819	22,300	27,000	49,500	54,600	52,085	33,122	35,822	88,600	98,600
Rocky Mountains:										
Softwoods	27,696	22,407	23,466	22,949	22,197	43,409	95,250	94,191	91,164	88,549
Hardwoods	0	359	501	464	441	16,403	14,232	14,090	12,829	11,516
Total	27,696	22,766	23,967	23,413	22,638	59,812	109,482	108,281	103,993	100,065
United States:										
Softwoods	407,636	393,821	406,992	458,521	460,038	981,596	798,420	668,375	669,934	602,638
Hardwoods	226,830	217,151	195,292	206,147	153,333	1,289,264	1,096,504	1,016,542	1,092,212	891,813
Total	634,466	610,972	602,284	664,668	613,371	2,270,860	1,894,924	1,684,917	1,762,146	1,494,447

Note: Data may not add to totals because of rounding.

[a]Estimates of hardwood mortality are not available for most National Forests in Oregon and Washington.

Table 28--Net annual growth of growing stock on timberland in the United States, by ownership, region, and species group, for 1952, 1962, 1970, 1976, and 1986

Region and species group	All owners					National Forest					Other public				
	1986	1976	1970	1962	1952	1986	1976	1970	1962	1952	1986	1976	1970	1962	1952
	Thousand cubic feet														
Northeast:															
Softwoods	701,741	1,067,271	901,716	821,900	652,600	19,019	18,359	16,090	15,394	13,282	53,518	48,791	36,512	31,676	27,166
Hardwoods	2,246,366	2,072,571	1,972,900	1,721,900	1,358,000	131,021	116,999	104,727	88,006	69,443	265,069	237,900	210,056	181,916	142,264
Total	2,948,107	3,139,842	2,874,616	2,543,800	2,010,600	150,040	135,358	120,817	103,400	82,725	318,587	286,691	246,568	213,592	169,430
North Central:															
Softwoods	586,546	490,986	434,522	389,027	320,702	117,617	97,660	75,388	73,431	57,215	168,327	142,017	126,457	120,065	92,256
Hardwoods	1,977,350	1,718,072	1,619,998	1,490,378	1,385,188	154,278	158,742	140,106	140,821	112,026	340,975	304,325	277,577	269,546	213,120
Total	2,563,896	2,209,058	2,054,520	1,879,405	1,705,890	271,895	256,402	215,494	214,252	169,241	509,302	446,342	404,034	389,611	305,376
Great Plains:															
Softwoods	47,412	43,521	37,100	30,419	22,220	32,989	31,087	25,792	20,993	14,700	3,105	2,977	2,545	2,006	1,469
Hardwoods	38,438	39,818	35,400	33,946	30,500	554	676	400	200	100	3,266	3,552	2,864	2,950	2,615
Total	85,850	83,339	72,500	64,365	52,720	33,543	31,763	26,192	21,193	14,800	6,371	6,529	5,409	4,956	4,084
Southeast:															
Softwoods	2,971,927	3,104,000	2,695,000	2,151,467	1,874,017	119,533	137,000	129,000	89,697	80,313	159,171	149,000	126,000	84,254	70,017
Hardwoods	2,197,431	2,186,000	1,846,000	1,468,069	1,291,618	144,386	141,000	122,000	86,444	73,208	80,903	71,000	55,000	32,372	27,169
Total	5,169,358	5,290,000	4,541,000	3,619,536	3,165,635	263,919	278,000	251,000	176,141	153,521	240,074	220,000	181,000	116,626	97,186
South Central:															
Softwoods	2,876,764	3,210,598	2,948,259	2,547,300	1,767,400	230,844	245,340	313,618	336,300	211,300	54,534	71,156	77,626	57,700	56,388
Hardwoods	2,382,778	2,822,683	2,436,427	1,926,200	1,749,700	134,532	144,064	122,044	111,300	67,265	100,875	108,706	89,941	70,600	55,182
Total	5,259,542	6,033,281	5,384,686	4,473,500	3,517,100	365,376	389,404	435,662	447,600	278,565	155,409	179,862	167,567	128,300	111,570
Pacific Northwest:															
Douglas-fir subregion--															
Softwoods	2,139,382	1,544,600	1,409,400	1,214,000	975,000	320,189	226,700	240,400	197,000	180,000	495,178	371,000	356,000	316,000	193,000
Hardwoods	424,168	397,000	382,900	299,000	219,000	226[a]	13,600	13,900	14,000	13,000	84,012	92,400	91,000	57,000	33,000
Total	2,563,550	1,941,600	1,792,300	1,513,000	1,194,000	320,415	240,300	254,300	211,000	193,000	579,190	463,400	447,000	373,000	226,000
Ponderosa pine subregion--															
Softwoods	644,608	614,100	652,900	604,600	497,500	269,077	312,100	328,700	309,900	260,900	138,967	96,000	91,400	87,700	65,900
Hardwoods	7,420	3,800	3,400	3,300	2,500	207[a]	1,100	800	800	600	3,498	600	700	700	500
Total	652,028	617,900	656,300	607,900	500,000	269,284	313,200	329,500	310,700	261,500	142,465	96,600	92,100	88,400	66,400
Alaska--															
Softwoods	102,686	162,499	144,299	124,900	103,600	15,378	22,627	19,626	15,836	10,367	66,723	136,877	122,486	107,494	92,588
Hardwoods	93,664	6,824	6,825	6,725	6,725	768	15	16	16	16	55,309	6,609	6,609	6,609	6,609
Total	196,350	169,323	151,124	131,625	110,325	16,146	22,642	19,642	15,852	10,383	122,032	143,486	129,095	114,103	99,197
Total, Pacific Northwest--															
Softwoods	2,886,676	2,321,199	2,206,599	1,943,500	1,576,100	604,644	561,427	588,726	522,736	451,267	700,868	603,877	569,886	511,194	351,488
Hardwoods	525,252	407,624	393,125	309,025	228,225	1,201[a]	14,715	14,716	14,816	13,616	142,819	99,609	98,309	64,309	40,109
Total	3,411,928	2,728,823	2,599,724	2,252,525	1,804,325	605,845	576,142	603,442	537,552	464,883	843,687	703,486	668,195	575,503	391,597
Pacific Southwest:															
Softwoods	889,365	713,200	698,400	499,600	444,000	421,551	363,500	338,400	185,600	162,000	25,198	13,900	14,000	14,000	14,000
Hardwoods	156,834	79,137	91,837	80,000	75,000	0[b]	16,100	19,800	30,000	29,000	15,865	7,735	7,635	5,000	6,000
Total	1,046,199	792,337	790,237	579,600	519,000	421,551	379,600	358,200	215,600	191,000	41,063	21,635	21,635	19,000	20,000
Rocky Mountains:															
Softwoods	1,909,449	1,550,496	1,416,321	1,226,400	1,077,700	1,263,727	1,013,396	879,221	754,900	673,400	216,692	158,464	158,464	138,559	117,646
Hardwoods	131,347	99,098	83,856	65,900	56,800	56,642	65,498	50,256	36,400	31,300	24,216	6,945	6,945	6,182	5,462
Total	2,040,796	1,649,594	1,500,177	1,292,300	1,134,500	1,320,369	1,078,894	929,477	791,300	704,700	240,908	165,409	165,409	144,741	123,108
United States:															
Softwoods	12,869,880	12,501,271	11,337,917	9,609,613	7,734,739	2,809,924	2,467,769	2,366,235	1,999,051	1,663,477	1,381,413	1,190,182	1,111,490	959,454	730,430
Hardwoods	9,655,796	9,425,003	8,479,543	7,095,418	6,175,031	622,614	657,794	574,049	507,987	395,958	973,988	839,772	748,327	632,875	491,921
Total	22,525,676	21,926,274	19,817,460	16,705,031	13,909,770	3,432,538	3,125,563	2,940,284	2,507,038	2,059,435	2,355,401	2,029,954	1,859,817	1,592,329	1,222,351

Table 28—Net annual growth of growing stock on timberland in the United States, by ownership, region, and species group, for 1952, 1962, 1970, 1976, and 1986, continued

Region and species group	Forest industry					Farmer and other private				
	1986	1976	1970	1962	1952	1986	1976	1970	1962	1952
	Thousand cubic feet									
Northeast:										
Softwoods	188,430	377,359	338,968	236,099	178,928	440,774	622,762	510,146	538,731	433,224
Hardwoods	230,023	226,164	192,874	155,996	128,574	1,620,253	1,491,508	1,465,243	1,295,982	1,017,719
Total	418,453	603,523	531,842	392,095	307,502	2,061,027	2,114,270	1,975,389	1,834,713	1,450,943
North Central:										
Softwoods	50,172	55,090	62,504	43,948	43,288	250,430	196,219	170,173	151,583	127,943
Hardwoods	105,370	118,401	118,342	100,298	99,057	1,376,727	1,136,604	1,083,973	979,713	960,985
Total	155,542	173,491	180,846	144,246	142,345	1,627,157	1,332,823	1,254,146	1,131,296	1,088,928
Great Plains:										
Softwoods	340	608	369	296	233	10,978	8,849	8,394	7,124	5,818
Hardwoods	0	62	10	10	5	34,618	35,528	32,126	30,786	27,780
Total	340	670	379	306	238	45,596	44,377	40,520	37,910	33,598
Southeast:										
Softwoods	789,102	688,000	558,000	410,752	374,583	1,904,121	2,130,000	1,882,000	1,566,764	1,349,104
Hardwoods	271,273	259,000	230,000	173,905	170,797	1,700,869	1,715,000	1,439,000	1,175,348	1,020,444
Total	1,060,375	947,000	788,000	584,657	545,380	3,604,990	3,845,000	3,321,000	2,742,112	2,369,548
South Central:										
Softwoods	829,133	894,423	889,055	971,400	707,496	1,762,253	1,999,679	1,667,960	1,181,900	792,216
Hardwoods	347,608	452,703	379,504	285,200	202,822	1,799,763	2,117,210	1,844,938	1,459,100	1,424,431
Total	1,176,741	1,347,126	1,268,559	1,256,600	910,318	3,562,016	4,116,889	3,512,898	2,641,000	2,216,647
Pacific Northwest:										
Douglas-fir subregion–										
Softwoods	914,562	606,400	455,000	393,000	337,000	409,453	340,500	358,000	308,000	265,000
Hardwoods	153,868	144,700	124,000	98,000	75,000	186,062	146,300	154,000	130,000	98,000
Total	1,068,430	751,100	579,000	491,000	412,000	595,515	486,800	512,000	438,000	363,000
Ponderosa pine subregion–										
Softwoods	114,725	84,800	84,500	71,100	62,000	121,839	121,200	148,300	135,900	108,700
Hardwoods	211	500	400	400	300	3,504	1,600	1,500	1,400	1,100
Total	114,936	85,300	84,900	71,500	62,300	125,343	122,800	149,800	137,300	109,800
Alaska–										
Softwoods	0	0	0	0	0	20,585	2,995	2,187	1,570	645
Hardwoods	0	0	0	0	0	37,587	200	200	100	100
Total	0	0	0	0	0	58,172	3,195	2,387	1,670	745
Total, Pacific Northwest–										
Softwoods	1,029,287	691,200	539,500	464,100	399,000	551,877	464,695	508,487	445,470	374,345
Hardwoods	154,079	145,200	124,400	98,400	75,300	227,153	148,100	155,700	131,500	99,200
Total	1,183,366	836,400	663,900	562,500	474,300	779,030	612,795	664,187	576,970	473,545
Pacific Southwest:										
Softwoods	204,912	138,500	135,000	108,000	90,000	237,704	197,300	211,000	192,000	178,000
Hardwoods	45,596	19,100	24,000	15,000	11,000	95,373	36,202	40,402	30,000	29,000
Total	250,508	157,600	159,000	123,000	101,000	333,077	233,502	251,402	222,000	207,000
Rocky Mountains:										
Softwoods	124,840	103,030	104,287	91,385	78,404	304,190	275,606	274,349	241,556	208,250
Hardwoods	980	793	1,082	871	660	49,509	25,862	25,573	22,447	19,378
Total	125,820	103,823	105,369	92,256	79,064	353,699	301,468	299,922	264,003	227,628
United States:										
Softwoods	3,216,216	2,948,210	2,627,683	2,325,980	1,871,932	5,462,327	5,895,110	5,232,509	4,325,128	3,468,900
Hardwoods	1,154,929	1,221,423	1,070,212	829,680	688,215	6,904,265	6,706,014	6,086,955	5,124,876	4,598,937
Total	4,371,145	4,169,633	3,697,895	3,155,660	2,560,147	12,366,592	12,601,124	11,319,464	9,450,004	8,067,837

Note: Data may not add to totals because of rounding.

[a] Estimates of hardwood growth are not available for most National Forests in Oregon and Washington.

[b] Estimates of hardwood growth are not available for National Forest land in California.

Table 29--Annual removals of growing stock on timberland in the United States, by ownership, region, and species group, for 1970, 1976, and 1986

Region and species group	All owners 1986	All owners 1976	All owners 1970	National Forest 1986	Other public 1986	Forest industry 1986	Farmer and other private 1986
	Thousand cubic feet						
Northeast:							
Softwoods	520,797	498,576	412,946	5,526	16,301	272,577	226,393
Hardwoods	781,162	803,694	737,748	13,001	27,924	109,862	630,375
Total	1,301,959	1,302,270	1,150,694	18,527	44,225	382,439	856,768
North Central:							
Softwoods	204,719	193,534	170,946	25,688	32,899	37,403	108,729
Hardwoods	1,201,539	999,059	985,062	53,388	74,111	141,646	932,394
Total	1,406,258	1,192,593	1,156,008	79,076	107,010	179,049	1,041,123
Great Plains:							
Softwoods	25,797	21,322	19,324	18,923	3,063	272	3,539
Hardwoods	16,260	20,600	24,100	2,045	502	1,840	11,874
Total	42,057	41,922	43,424	20,968	3,565	2,112	15,413
Southeast:							
Softwoods	2,835,520	2,028,804	1,799,365	73,605	119,719	821,272	1,820,925
Hardwoods	1,331,789	1,002,521	1,059,074	14,397	35,617	185,440	1,096,335
Total	4,167,309	3,031,325	2,858,439	88,002	155,336	1,006,712	2,917,260
South Central:							
Softwoods	2,905,505	2,407,658	1,874,013	173,814	74,061	1,088,383	1,569,247
Hardwoods	1,625,779	1,239,717	1,283,955	34,129	61,801	322,015	1,207,834
Total	4,531,284	3,647,375	3,157,968	207,943	135,862	1,410,398	2,777,081
Pacific Northwest:							
Douglas-fir subregion--							
Softwoods	2,382,280	2,466,649	2,420,000	538,491	418,841	1,221,525	203,422
Hardwoods	98,375	106,257	85,000	33,214	13,766	44,052	7,342
Total	2,480,655	2,572,906	2,505,000	571,706	432,608	1,265,578	210,764
Ponderosa pine subregion--							
Softwoods	738,745	635,058	586,000	387,174	102,155	179,102	70,314
Hardwoods	0	29	2,100	0	0	0	0
Total	738,745	635,087	588,100	387,174	102,155	179,102	70,314
Alaska--							
Softwoods	117,881	107,437	204,571	54,347	2,820	0	60,713
Hardwoods	5,211	3,164	3,142	100	5,011	0	100
Total	123,092	110,601	207,713	54,447	7,831	0	60,813
Total, Pacific Northwest--							
Softwoods	3,238,906	3,209,144	3,210,571	980,012	523,816	1,400,628	334,449
Hardwoods	103,586	109,450	90,242	33,314	18,777	44,052	7,442
Total	3,342,492	3,318,594	3,300,813	1,013,326	542,593	1,444,680	341,891
Pacific Southwest:							
Softwoods	818,897	818,402	901,017	334,305	15,366	435,121	34,105
Hardwoods	11,579	16,805	26,758	5,604	238	4,324	1,413
Total	830,476	835,207	927,775	339,910	15,604	439,444	35,518
Rocky Mountains:							
Softwoods	817,031	821,687	870,409	449,018	72,693	158,446	136,874
Hardwoods	11,635	3,054	3,527	5,834	1,382	2,793	1,626
Total	828,666	824,741	873,936	454,852	74,075	161,238	138,501
United States:							
Softwoods	11,367,172	9,999,127	9,258,591	2,060,891	857,918	4,214,101	4,234,262
Hardwoods	5,083,329	4,194,900	4,210,466	161,713	220,353	811,971	3,889,293
Total	16,450,501	14,194,027	13,469,057	2,222,604	1,078,271	5,026,073	8,123,555

Note: Data may not add to totals because of rounding.

Table 30--Volume of roundwood products harvested in the United States, by source of material, species group, region, and product, 1986

Region and product	All sources			Source of material: Growing stock			Source of material: Other sources		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
	Thousand cubic feet								
Northeast:									
Sawlogs	621,571	297,552	324,019	525,143	238,279	286,864	96,428	59,273	37,155
Pulpwood	510,115	264,078	246,037	410,414	208,384	202,030	99,701	55,694	44,007
Veneer logs	27,789	8,702	19,087	24,768	7,191	17,577	3,021	1,511	1,510
Fuelwood	976,896	86,335	890,561	130,086	11,524	118,562	846,810	74,811	771,999
Other products	53,091	21,143	31,948	42,101	14,037	28,064	10,990	7,106	3,884
Total	2,189,462	677,810	1,511,652	1,132,512	479,415	653,097	1,056,950	198,395	858,555
North Central:									
Sawlogs	447,660	45,937	401,723	405,554	44,828	360,726	42,106	1,109	40,997
Pulpwood	465,903	113,923	351,980	394,057	101,514	292,543	71,846	12,409	59,437
Veneer logs	15,157	871	14,286	14,290	871	13,419	867	0	867
Fuelwood	788,473	38,706	749,767	109,374	8,245	101,129	679,099	30,461	648,638
Other products	172,216	23,382	148,834	146,435	19,429	127,006	25,781	3,953	21,828
Total	1,889,409	222,819	1,666,590	1,069,710	174,887	894,823	819,699	47,932	771,767
Great Plains:									
Sawlogs	31,197	22,571	8,626	30,089	22,342	7,747	1,108	229	879
Pulpwood	223	223	0	223	223	0	0	0	0
Veneer logs	193	0	193	184	0	184	9	0	9
Fuelwood	58,560	2,635	55,925	3,718	361	3,357	54,842	2,274	52,568
Other products	1,328	971	357	1,039	926	113	289	45	244
Total	91,501	26,400	65,101	35,253	23,852	11,401	56,248	2,548	53,700
Southeast:									
Sawlogs	1,408,800	1,064,779	344,021	1,375,403	1,052,863	322,540	33,397	11,916	21,481
Pulpwood	1,583,351	1,149,361	433,990	1,420,315	1,068,453	351,862	163,036	80,908	82,128
Veneer logs	270,207	220,816	49,391	267,398	219,488	47,910	2,809	1,328	1,481
Fuelwood	401,480	43,389	358,091	216,532	27,358	189,174	184,948	16,031	168,917
Other products	62,556	47,630	14,926	59,653	46,460	13,193	2,903	1,170	1,733
Total	3,726,394	2,525,975	1,200,419	3,339,301	2,414,622	924,679	387,093	111,353	275,740

Table 30--Volume of roundwood products harvested in the United States, by source of material, species group, region, and product, 1986, continued

Region and product	All sources			Source of material: Growing stock			Source of material: Other sources		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
	Thousand cubic feet								
South Central:									
Sawlogs	1,665,861	1,108,212	557,649	1,630,440	1,091,980	538,460	35,421	16,232	19,189
Pulpwood	1,700,785	1,058,619	642,166	1,558,560	994,158	564,402	142,225	64,461	77,764
Veneer logs	537,409	515,643	21,766	526,493	505,174	21,319	10,916	10,469	447
Fuelwood	345,218	9,836	335,382	106,727	4,234	102,493	238,491	5,602	232,889
Other products	103,718	84,058	19,660	98,855	81,018	17,837	4,863	3,040	1,823
Total	4,352,991	2,776,368	1,576,623	3,921,075	2,676,564	1,244,511	431,916	99,804	332,112
Pacific Northwest:									
Douglas-fir subregion--									
Sawlogs	1,074,199	1,046,145	28,054	1,001,866	975,902	25,964	72,333	70,243	2,090
Pulpwood	440,997	432,553	8,444	60,109	58,817	1,292	380,888	373,736	7,152
Veneer logs	471,098	468,748	2,350	390,079	388,148	1,931	81,019	80,600	419
Fuelwood	227,354	139,522	87,832	149,232	88,965	60,267	78,122	50,557	27,565
Other products	595,761	595,761	0	588,415	588,415	0	7,346	7,346	0
Total	2,809,409	2,682,729	126,680	2,189,701	2,100,247	89,454	619,708	582,482	37,226
Ponderosa pine subregion--									
Sawlogs	501,681	501,681	0	494,871	494,871	0	6,810	6,810	0
Pulpwood	9,783	9,783	0	0	0	0	9,783	9,783	0
Veneer logs	102,192	102,192	0	100,603	100,603	0	1,589	1,589	0
Fuelwood	51,103	51,103	0	13,550	13,550	0	37,553	37,553	0
Other products	412	412	0	39	39	0	373	373	0
Total	665,171	665,171	0	609,063	609,063	0	56,108	56,108	0
Alaska									
Sawlogs	36,916	36,839	77	35,759	35,682	77	1,157	1,157	0
Pulpwood	20,376	20,376	0	17,656	17,656	0	2,720	2,720	0
Veneer logs	0	0	0	0	0	0	0	0	0
Fuelwood	13,744	7,681	6,063	11,296	6,372	4,924	2,448	1,309	1,139
Other products	33,943	33,931	12	33,189	33,177	12	754	754	0
Total	104,979	98,827	6,152	97,900	92,887	5,013	7,079	5,940	1,139

Table 30--Volume of roundwood products harvested in the United States, by source of material, species group, region, and product, 1986, continued

Region and product	All sources			Source of material: Growing stock			Source of material: Other sources		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
	Thousand cubic feet								
Total, Pacific Northwest:									
Sawlogs	1,612,796	1,584,665	28,131	1,532,496	1,506,455	26,041	80,300	78,210	2,090
Pulpwood	471,156	462,712	8,444	77,765	76,473	1,292	393,391	386,239	7,152
Veneer logs	573,290	570,940	2,350	490,682	488,751	1,931	82,608	82,189	419
Fuelwood	292,201	198,306	93,895	174,078	108,887	65,191	118,123	89,419	28,704
Other products	630,116	630,104	12	621,643	621,631	12	8,473	8,473	0
Total	3,579,559	3,446,727	132,832	2,896,664	2,802,197	94,467	682,895	644,530	38,365
Pacific Southwest:									
Sawlogs	687,841	686,738	1,103	643,686	642,654	1,032	44,155	44,084	71
Pulpwood	17,152	14,945	2,207	4,073	3,549	524	13,079	11,396	1,683
Veneer logs	38,391	38,391	0	37,960	37,960	0	431	431	0
Fuelwood	145,056	84,119	60,937	49,936	39,913	10,023	95,120	44,206	50,914
Other products	18,491	18,491	0	18,491	18,491	0	0	0	0
Total	906,931	842,684	64,247	754,146	742,567	11,579	152,785	100,117	52,668
Rocky Mountains:									
Sawlogs	587,937	584,822	3,115	578,868	575,844	3,024	9,069	8,978	91
Pulpwood	39,098	38,948	150	28,689	28,539	150	10,409	10,409	0
Veneer logs	77,695	77,695	0	77,695	77,695	0	0	0	0
Fuelwood	105,850	82,009	23,841	7,271	5,423	1,848	98,579	76,586	21,993
Other products	45,766	42,631	3,135	43,129	39,996	3,133	2,637	2,635	2
Total	856,346	826,105	30,241	735,652	727,497	8,155	120,694	98,608	22,086
United States:									
Sawlogs	7,063,663	5,395,276	1,668,387	6,721,679	5,175,245	1,546,434	341,984	220,031	121,953
Pulpwood	4,787,783	3,102,809	1,684,974	3,894,096	2,481,293	1,412,803	893,687	621,516	272,171
Veneer logs	1,540,131	1,433,058	107,073	1,439,470	1,337,130	102,340	100,661	95,928	4,733
Fuelwood	3,113,734	545,335	2,568,399	797,722	205,945	591,777	2,316,012	339,390	1,976,622
Other products	1,087,282	868,410	218,872	1,031,346	841,988	189,358	55,936	26,422	29,514
Total	17,592,593	11,344,888	6,247,705	13,884,313	10,041,601	3,842,712	3,708,280	1,303,287	2,404,993

Note: Data may not add to totals because of rounding.

Table 31–Weight of bark and wood residue from primary wood-using mills by type of material, species group, region and type of use, 1986

Region and type of use	Total residue			Bark residue			Wood residue: All materials			Wood residue: Coarse materials			Wood residue: Fine materials		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
	Thousand dry tons														
Northeast:															
Fiber products	1,851	454	1,397	6	3	3	1,845	451	1,394	1,738	387	1,351	107	64	43
Fuel	849	244	605	266	116	150	583	128	455	457	84	373	126	44	82
Other uses	631	187	444	225	71	154	406	116	290	88	12	76	318	104	214
Not used	356	43	313	117	22	95	239	21	218	168	14	154	71	7	64
Total	3,687	928	2,759	614	212	402	3,073	716	2,357	2,451	497	1,954	622	219	403
North Central:															
Fiber products	1,185	136	1,049	70	13	57	1,115	123	992	1,055	118	937	60	5	55
Fuel	3,207	459	2,748	1,790	341	1,449	1,417	118	1,299	972	73	899	445	45	400
Other uses	829	63	766	261	11	250	568	52	516	61	4	57	507	48	459
Not used	572	66	506	192	29	163	380	37	343	131	14	117	249	23	226
Total	5,793	724	5,069	2,313	394	1,919	3,480	330	3,150	2,219	209	2,010	1,261	121	1,140
Great Plains:															
Fiber products	88	83	5	0	0	0	88	83	5	83	78	5	5	5	0
Fuel	97	55	42	50	38	12	47	17	30	32	7	25	15	10	5
Other uses	66	47	19	2	2	0	64	45	19	5	2	3	59	43	16
Not used	98	75	23	21	13	8	77	62	15	34	23	11	43	39	4
Total	349	260	89	73	53	20	276	207	69	154	110	44	122	97	25
Southeast:															
Fiber products	7,388	6,047	1,341	6	1	5	7,382	6,046	1,336	7,152	5,839	1,313	230	207	23
Fuel	10,444	7,790	2,654	4,615	3,423	1,192	5,829	4,367	1,462	1,488	1,046	442	4,341	3,321	1,020
Other uses	5,063	3,287	1,776	1,238	708	530	3,825	2,579	1,246	1,884	1,152	732	1,941	1,427	514
Not used	385	146	239	115	42	73	270	104	166	110	46	64	160	58	102
Total	23,280	17,270	6,010	5,974	4,174	1,800	17,306	13,096	4,210	10,634	8,083	2,551	6,672	5,013	1,659

Table 31--Weight of bark and wood residue from primary wood-using mills by type of material, species group, region and type of use, 1986, continued

Region and type of use	Total residue			Bark residue			Wood residue: All materials			Wood residue: Coarse materials			Wood residue: Fine materials		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
	Thousand dry tons														
South Central:															
Fiber products	13,851	9,784	4,067	153	96	57	13,698	9,688	4,010	13,448	9,501	3,947	250	187	63
Fuel	10,381	6,721	3,660	5,648	3,566	2,082	4,733	3,155	1,578	379	237	142	4,354	2,918	1,436
Other uses	1,547	957	590	225	129	96	1,322	828	494	691	438	253	631	390	241
Not used	482	224	258	171	73	98	311	151	160	134	71	63	177	80	97
Total	26,261	17,686	8,575	6,197	3,864	2,333	20,064	13,822	6,242	14,652	10,247	4,405	5,412	3,575	1,837
Pacific Northwest:															
Douglas-fir subregion--															
Fiber products	7,185	6,994	191	29	28	1	7,156	6,966	190	5,546	5,403	143	1,610	1,563	47
Fuel	5,646	5,470	176	2,659	2,586	73	2,987	2,884	103	1,590	1,537	53	1,397	1,347	50
Other uses	1,479	1,426	53	468	444	24	1,011	982	29	604	589	15	407	393	14
Not used	162	158	4	41	40	1	121	118	3	69	67	2	52	51	1
Total	14,472	14,048	424	3,197	3,098	99	11,275	10,950	325	7,809	7,596	213	3,466	3,354	112
Ponderosa pine subregion--															
Fiber products	1,841	1,841	0	1	1	0	1,840	1,840	0	1,414	1,414	0	426	426	0
Fuel	2,265	2,265	0	898	898	0	1,367	1,367	0	573	573	0	794	794	0
Other uses	361	361	0	120	120	0	241	241	0	107	107	0	134	134	0
Not used	22	22	0	6	6	0	16	16	0	7	7	0	9	9	0
Total	4,489	4,489	0	1,025	1,025	0	3,464	3,464	0	2,101	2,101	0	1,363	1,363	0
Alaska--															
Fiber products	79	79	0	0	0	0	79	79	0	79	79	0	0	0	0
Fuel	43	43	0	32	32	0	11	11	0	10	10	0	1	1	0
Other uses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not used	106	106	0	62	62	0	44	44	0	1	1	0	43	43	0
Total	228	228	0	94	94	0	134	134	0	90	90	0	44	44	0

Table 31--Weight of bark and wood residue from primary wood-using mills by type of material, species group, region and type of use, 1986, continued

Region and type of use	Total residue			Bark residue			Wood residue: All materials			Wood residue: Coarse materials			Wood residue: Fine materials		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
	Thousand dry tons														
Total, Pacific Northwest--															
Fiber products	9,105	8,914	191	30	29	1	9,075	8,885	190	7,039	6,896	143	2,036	1,989	47
Fuel	7,954	7,778	176	3,589	3,516	73	4,365	4,262	103	2,173	2,120	53	2,192	2,142	50
Other uses	1,840	1,787	53	588	564	24	1,252	1,223	29	711	696	15	541	527	14
Not used	290	286	4	109	108	1	181	178	3	77	75	2	104	103	1
Total	19,189	18,765	424	4,316	4,217	99	14,873	14,548	325	10,000	9,787	213	4,873	4,761	112
Pacific Southwest:															
Fiber products	2,371	2,371	0	25	25	0	2,346	2,346	0	1,847	1,847	0	499	499	0
Fuel	3,249	3,249	0	1,113	1,113	0	2,136	2,136	0	1,020	1,020	0	1,116	1,116	0
Other uses	565	565	0	230	230	0	335	335	0	114	114	0	221	221	0
Not used	114	114	0	50	50	0	64	64	0	24	24	0	40	40	0
Total	6,299	6,299	0	1,418	1,418	0	4,881	4,881	0	3,005	3,005	0	1,876	1,876	0
Rocky Mountains:															
Fiber products	3,420	3,418	2	0	0	0	3,420	3,418	2	2,594	2,592	2	826	826	0
Fuel	1,605	1,593	12	697	693	4	908	900	8	142	138	4	766	762	4
Other uses	541	538	3	296	295	1	245	243	2	46	46	0	199	197	2
Not used	680	662	18	261	256	5	419	406	13	117	111	6	302	295	7
Total	6,246	6,211	35	1,254	1,244	10	4,992	4,967	25	2,899	2,887	12	2,093	2,080	13
United States:															
Fiber products	39,259	31,207	8,052	290	167	123	38,969	31,040	7,929	34,956	27,258	7,698	4,013	3,782	231
Fuel	37,786	27,889	9,897	17,768	12,806	4,962	20,018	15,083	4,935	6,663	4,725	1,938	13,355	10,358	2,997
Other uses	11,082	7,431	3,651	3,065	2,010	1,055	8,017	5,421	2,596	3,600	2,464	1,136	4,417	2,957	1,460
Not used	2,977	1,616	1,361	1,036	593	443	1,941	1,023	918	795	378	417	1,146	645	501
Total	91,104	68,143	22,961	22,159	15,576	6,583	68,945	52,567	16,378	46,014	34,825	11,189	22,931	17,742	5,189

Note: Data may not add to totals because of rounding.

Table 32--Roundwood products, logging residues, and other removals from growing stock and other sources, by species group, and region, 1986

Region, class of material and source of material	Total	Species group: Softwoods	Species group: Hardwoods
	Thousand cubic feet		
Northeast:			
Roundwood products--			
Growing stock	1,132,512	479,415	653,097
Other sources	1,056,950	198,395	858,555
Total	2,189,462	677,810	1,511,652
Logging residues--			
Growing stock[a]	101,021	24,577	76,444
Other sources[b]	327,883	177,183	150,700
Total	428,904	201,760	227,144
Other removals--			
Growing stock[c]	68,426	16,805	51,621
Other sources[b]	61,789	13,938	47,851
Total	130,215	30,743	99,472
Total, all classes--			
Growing stock	1,301,959	520,797	781,162
Other sources	1,446,622	389,516	1,057,106
Total, all materials	2,748,581	910,313	1,838,268
North Central:			
Roundwood products--			
Growing stock	1,069,710	174,887	894,823
Other sources	819,699	47,932	771,767
Total	1,889,409	222,819	1,666,590
Logging residues--			
Growing stock[a]	100,455	6,263	94,192
Other sources[b]	80,906	10,241	70,665
Total	181,361	16,504	164,857
Other removals--			
Growing stock[c]	236,093	23,569	212,524
Other sources[b]	140,761	10,615	130,146
Total	376,854	34,184	342,670
Total, all classes--			
Growing stock	1,406,258	204,719	1,201,539
Other sources	1,041,366	68,788	972,578
Total, all materials	2,447,624	273,507	2,174,117

Table 32--Roundwood products, logging residues, and other removals from growing stock and other sources, by species group and region, 1986, continued

Region, class of material and source of material	Total	Species group: Softwoods	Species group: Hardwoods
	Thousand cubic feet		
Great Plains:			
Roundwood products--			
Growing stock	35,253	23,852	11,401
Other sources	56,248	2,548	53,700
Total	91,501	26,400	65,101
Logging residues--			
Growing stock[a]	3,112	1,807	1,305
Other sources[b]	769	12	757
Total	3,881	1,819	2,062
Other removals--			
Growing stock[c]	3,692	138	3,554
Other sources[b]	2,230	62	2,168
Total	5,922	200	5,722
Total, all classes--			
Growing stock	42,057	25,797	16,260
Other sources	59,247	2,622	56,625
Total, all materials	101,304	28,419	72,885
Southeast:			
Roundwood products--			
Growing stock	3,339,301	2,414,622	924,679
Other sources	387,093	111,353	275,740
Total	3,726,394	2,525,975	1,200,419
Logging residues--			
Growing stock[a]	385,406	192,246	193,160
Other sources[b]	262,416	61,158	201,258
Total	647,822	253,404	394,418
Other removals--			
Growing stock[c]	442,602	228,652	213,950
Other sources[b]	185,298	28,884	156,414
Total	627,900	257,536	370,364
Total, all classes--			
Growing stock	4,167,309	2,835,520	1,331,789
Other sources	834,807	201,395	633,412
Total, all materials	5,002,116	3,036,915	1,965,201

Table 32--Roundwood products, logging residues, and other removals from growing stock and other sources, by species group and region, 1986, continued

Region, class of material and source of material	Total	Species group: Softwoods	Species group: Hardwoods
	Thousand cubic feet		
South Central:			
Roundwood products--			
Growing stock	3,921,075	2,676,564	1,244,511
Other sources	431,916	99,804	332,112
Total	4,352,991	2,776,368	1,576,623
Logging residues--			
Growing stock[a]	378,516	171,829	206,687
Other sources[b]	918,736	296,175	622,561
Total	1,297,252	468,004	829,248
Other removals--			
Growing stock[c]	231,693	57,112	174,581
Other sources[b]	281,049	26,694	254,355
Total	512,742	83,806	428,936
Total, all classes--			
Growing stock	4,531,284	2,905,505	1,625,779
Other sources	1,631,701	422,673	1,209,028
Total, all materials	6,162,985	3,328,178	2,834,807
Pacific Northwest:			
Douglas-fir subregion--			
Roundwood products--			
Growing stock	2,189,701	2,100,247	89,454
Other sources	619,708	582,482	37,226
Total	2,809,409	2,682,729	126,680
Logging residues--			
Growing stock[a]	289,951	281,801	8,150
Other sources[b]	468,278	455,196	13,082
Total	758,229	736,997	21,232
Other removals--			
Growing stock[c]	1,003	232	771
Other sources[b]	12,600	10,080	2,520
Total	13,603	10,312	3,291
Total, all classes--			
Growing stock	2,480,655	2,382,280	98,375
Other sources	1,100,586	1,047,758	52,828
Total, all materials	3,581,241	3,430,038	151,203

Table 32--Roundwood products, logging residues, and other removals from growing stock and other sources, by species group and region, 1986, continued

Region, class of material and source of material	Total	Species group: Softwoods	Species group: Hardwoods
	Thousand cubic feet		
Ponderosa pine subregion--			
Roundwood products--			
Growing stock	609,063	609,063	0
Other sources	56,108	56,108	0
Total	665,171	665,171	0
Logging residues--			
Growing stock[a]	129,380	129,380	0
Other sources[b]	74,920	74,920	0
Total	204,300	204,300	0
Other removals--			
Growing stock[c]	302	302	0
Other sources[b]	3,780	3,780	0
Total	4,082	4,082	0
Total, all classes--			
Growing stock	738,745	738,745	0
Other sources	134,808	134,808	0
Total, all materials	873,553	873,553	0
Alaska--			
Roundwood products--			
Growing stock	97,900	92,887	5,013
Other sources	7,079	5,940	1,139
Total	104,979	98,827	6,152
Logging residues--			
Growing stock[a]	24,982	24,868	114
Other sources[b]	14,076	13,994	82
Total	39,058	38,862	196
Other removals--			
Growing stock[c]	210	126	84
Other sources[b]	0	0	0
Total	210	126	84
Total, all classes--			
Growing stock	123,092	117,881	5,211
Other sources	21,155	19,934	1,221
Total, all materials	144,247	137,815	6,432

Table 32--Roundwood products, logging residues, and other removals from growing stock and other sources, by species group and region, 1986, continued

Region, class of material and source of material	Total	Species group: Softwoods	Species group: Hardwoods
	Thousand cubic feet		
Total, Pacific Northwest:			
Roundwood products--			
Growing stock	2,896,664	2,802,197	94,467
Other sources	682,895	644,530	38,365
Total	3,579,559	3,446,727	132,832
Logging residues--			
Growing stock[a]	444,313	436,049	8,264
Other sources[b]	557,274	544,110	13,164
Total	1,001,587	980,159	21,428
Other removals--			
Growing stock[c]	1,515	660	855
Other sources[b]	16,380	13,860	2,520
Total	17,895	14,520	3,375
Total, all classes--			
Growing stock	3,342,492	3,238,906	103,586
Other sources	1,256,549	1,202,500	54,049
Total, all materials	4,599,041	4,441,406	157,635
Pacific Southwest:			
Roundwood products--			
Growing stock	754,146	742,567	11,579
Other sources	152,785	100,117	52,668
Total	906,931	842,684	64,247
Logging residues--			
Growing stock[a]	76,198	76,198	0
Other sources[b]	182,727	182,727	0
Total	258,925	258,925	0
Other removals--			
Growing stock[c]	132	132	0
Other sources[b]	1,257	1,257	0
Total	1,389	1,389	0
Total, all classes--			
Growing stock	830,476	818,897	11,579
Other sources	336,769	284,101	52,668
Total, all materials	1,167,245	1,102,998	64,247

Table 32--Roundwood products, logging residues, and other removals from growing stock and other sources, by species group and region, 1986, continued

Region, class of material and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic feet	
Rocky Mountains:			
Roundwood products--			
Growing stock	735,652	727,497	8,155
Other sources	120,694	98,608	22,086
Total	856,346	826,105	30,241
Logging residues--			
Growing stock[a]	93,014	89,534	3,480
Other sources[b]	0	0	0
Total	93,014	89,534	3,480
Other removals--			
Growing stock[c]	0	0	0
Other sources[b]	0	0	0
Total	0	0	0
Total, all classes--			
Growing stock	828,666	817,031	11,635
Other sources	120,694	98,608	22,086
Total, all materials	949,360	915,639	33,721

Table 32--Roundwood products, logging residues, and other removals from growing stock and other sources, by species group and region, 1986, continued

Region, class of material and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic feet	
United States:			
Roundwood products--			
Growing stock	13,884,313	10,041,601	3,842,712
Other sources	3,708,280	1,303,287	2,404,993
Total	17,592,593	11,344,888	6,247,705
Logging residues--			
Growing stock[a]	1,582,035	998,503	583,532
Other sources[b]	2,330,711	1,271,606	1,059,105
Total	3,912,746	2,270,109	1,642,637
Other removals--			
Growing stock[c]	984,153	327,068	657,085
Other sources[b]	688,764	95,310	593,454
Total	1,672,917	422,378	1,250,539
Total, all classes--			
Growing stock	16,450,501	11,367,172	5,083,329
Other sources	6,727,755	2,670,203	4,057,552
Total, all materials	23,178,256	14,037,375	9,140,881

Note: Data may not add to totals because of rounding.

[a] Growing stock volume cut or knocked down during harvest but left at the harvest site.

[b] Wood volume other than growing stock left on the ground after harvest, cultural operations, or timberland clearing. This volume is net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; includes downed dead and cull trees, tops above the 4-inch growing stock top, and trees smaller than 5 inches dbh; excludes stumps and limbs.

[c] Growing stock volume removed by cultural operations or timberland clearing.

Acknowledgments

We greatly appreciate the help of the staffs of the Forest Inventory and Analysis Work Units at the Forest Service Experiment Stations and the Timber Management staffs in the Regional Offices of the Forest Service who compiled the basic resource data for entry into the RPA National Timber Database. The following people made significant contributions and were responsible for coordination and submission of resource data: Gary Carroll, Vernon LaBau, Theodore Setzer, Bruce Hiserote, Thomas Farrenkopf, Sharon Woudenberg, Robert Nevel, David Dickson, Thomas Frieswyk, James Blyth, William B. Smith, John Tansey, Larry Royer, Robert Cathey, Carl Bylin, William McWilliams, Dennis May, James Laux, Moxon Hart, Daniel Greene, Mel Mehl, Pat D. Jackson, Henry Cheatham, Allen Toby, Ralph Warbington, Carl Bronson, John Teply, Marianne Sheets, Karl Stoneking, Ray Ellis, Richard Hesse, and George Rogers.

Appendix

Table 33—Addresses of Forest and Range Experiment Stations in the United States and their areas of responsibility for timber inventory[a]

Address	States of responsibility
Northeastern Forest Experiment Station 370 Reed Road Broomall, PA 19008	Connecticut, Delaware, Kentucky, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont and West Virginia
North Central Forest Experiment Station 1992 Folwell Avenue St. Paul, MN 55108	Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, and Wisconsin
Southeastern Forest Experiment Station 200 Weaver Blvd. P.O. Box 2860 Asheville, NC 28802	Florida, Georgia, North Carolina, South Carolina, and Virginia
Southern Forest Experiment Station Forestry Sciences Laboratory P.O. Box 906 Starkville, MS 39759	Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas
Pacific Northwest Research Station P.O. Box 3890 Portland, OR 97208	California, Oregon, and Washington
Pacific Northwest Research Station Forest Sciences Laboratory 201 E. 9th Avenue, Suite 303 Anchorage, AK 99501	Alaska and Hawaii
Intermountain Forest and Range Experiment Station Federal Building 324 25th Street Ogden, UT 84401	Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming

[a] For additional information contact the Forest Inventory and Analysis Unit at the Experiment Station.

Table 34--Addresses of National Forest system Regional Offices in the United States[a]

Address	Region	Location of National Forests
Northern Region Federal Building P.O. Box 7669 Missoula, MT 59807	Region 1	Montana, northern Idaho, North Dakota, and northwestern South Dakota
Forest Service, USDA Rocky Mountain Region 11177 West 8th Avenue P.O. Box 25127 Lakewood, CO 80225	Region 2	Colorado, Kansas, Nebraska, South Dakota, and eastern Wyoming
Forest Service, USDA Southwestern Region Federal Building 517 Gold Avenue S.W. Albuquerque, NM 87102	Region 3	Arizona and New Mexico
Forest Service, USDA Intermountain Region Federal Building 324 25th Street Ogden, UT 84401	Region 4	Southern Idaho, Nevada, Utah, and western Wyoming
Forest Service, USDA Pacific Southwest Region 630 Sansome Street San Francisco, CA 94111	Region 5	California
Forest Service, USDA Pacific Northwest Region 319 S.W. Pine Street P.O. Box 3623 Portland, OR 97208	Region 6	Oregon and Washington
Forest Service, USDA Southern Region 1720 Peachtree Road, N.W. Atlanta, GA 30367	Region 8	Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas
Forest Service, USDA Eastern Region 310 West Wisconsin Avenue, Room 500 Milwaukee, WI 53203	Region 9	Connecticut, Delaware, Illinois, Indiana, Iowa Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey New York, Ohio, Pennsylvania, Rhode Island, Vermont, West Virginia, and Wisconsin
Forest Service, USDA Alaska Region Federal Office Building Juneau, AK 99802	Region 10	Alaska

[a] For additional information contact the Timber Management Staff at the Regional Office.

Table 35—Common and scientific names of tree species

Common name	Scientific name
Eastern softwoods:	
True firs	*Abies* Mill.
Balsam fir	*A. balsamea* (L.) Mill.
Fraser fir	*A. fraseri* (Pursh) Poir.
Eastern redcedar	*Juniperus virginiana* L.
Tamarack	*Larix laricina* (Du Roi) K. Koch
Spruce	*Picea* A. Dietr.
Jack pine	*Pinus banksiana* Lamb.
Shortleaf pine	*P. echinata* Mill.
Slash pine	*P. elliottii* Engelm.
Longleaf pine	*P. palustris* Mill.
Red pine	*P. resinosa* Ait.
Eastern white pine	*P. strobus* L.
Loblolly pine	*P. taeda* L.
Baldcypress	*Taxodium* Rich.
Northern white-cedar	*Thuja occidentalis* L.
Eastern hemlock	*Tsuga canadensis* (L.) Carr.
Eastern hardwoods:	
Maple	*Acer* L.
Red (soft) maple	*A. rubrum* L.
Sugar (hard) maple	*A. saccharum* Marsh.
Birch	*Betula* L.
Yellow birch	*B. alleghaniensis* Britton
Paper birch	*B. papyrifera* Marsh.
Gray birch	*B. populifolia* Marsh.
Hackberry	*Celtis occidentalis* L.
American beech	*Fagus grandifolia* Ehrh.
Ash	*Fraxinus* L.
Black walnut	*Juglans nigra* L.
Sweetgum	*Liquidambar styraciflua* L.
Yellow-poplar	*Liriodendron tulipifera* L.
Tupelo, gum	*Nyssa* L.
Black tupelo	*N. sylvatica* Marsh. var. *sylvatica*
Sycamore	*Platanus occidentalis* L.
Aspen	*Populus* L.
Balsam poplar	*P. balsamifera* L.
Eastern cottonwood	*P. deltoides* Bartr. ex Marsh.
Black cherry	*Prunus serotina* Ehrh.
Oak	*Quercus* L.
White oak	*Q. alba* L.
Swamp white oak	*Q. bicolor* Willd.
Scarlet oak	*Q. coccinea* Muenchh.
Northern pin oak	*Q. ellipsoidalis* E. J. Hill
Southern red oak	*Q. falcata* Michx.
Cherrybark oak	*Q. falcata* var. *pagodifolia* Ell.

Table 35—Common and scientific names of tree species (continued)

Common name	Scientific name
Bear oak	*Q. ilicifolia* Wangenh.
Shingle oak	*Q. imbricaria* Michx.
Overcup oak	*Q. lyrata* Walt.
Bur oak	*Q. macrocarpa* Michx.
Blackjack oak	*Q. marilandica* Muenchh.
Swamp chestnut oak	*Q. michauxii* Nutt.
Chinkapin oak	*Q. muehlenbergii* Engelm.
Water oak	*Q. nigra* L.
Pin oak	*Q. palustris* Muenchh.
Willow oak	*Q. phellos* L.
Chestnut oak	*Q. prinus* L.
Northern red oak	*Q. rubra* L.
Shumard oak	*Q. shumardii* Buckl.
Post oak	*Q. stellata* Wangenh. var. *stellata*
Black oak	*Q. velutina* Lam.
Willow	*Salix* L.
Basswood	*Tilia* L.
Elm	*Ulmus* L.
Western softwoods:	
True firs	*Abies* Mill.
Pacific silver fir	*A. amabilis* Dougl. ex Forbes
White fir	*A. concolor* (Gord. & Glend.) Lindl. ex Hildebr.
Grand fir	*A. grandis* (Dougl. ex D. Don) Lindl.
Subalpine fir	*A. lasiocarpa* (Hook.) Nutt.
Juniper	*Juniperus* L.
Incense-cedar	*Libocedrus decurrens* Torr.
Engelmann spruce	*Picea engelmannii* Parry ex Engelm.
Blue spruce	*P. pungens* Engelm.
Sitka spruce	*P. sitchensis* (Bong.) Carr.
Lodgepole pine	*Pinus contorta* Dougl. ex Loud.
Pinyon pine	*P. edulis* Engelm.
Apache pine	*P. engelmannii* Carr.
Limber pine	*P. flexilis* James
Jeffrey pine	*P. jeffreyi* Grev. & Balf.
Sugar pine	*P. lambertiana* Dougl.
Chihuahua pine	*P. leiophylla* var. *chihuahuana* (Engelm.) Shaw
Western white pine	*P. monticola* Dougl. ex D. Don
Ponderosa pine	*P. ponderosa* Dougl. ex Laws.
Arizona pine	*P. ponderosa* var. *arizonica* (Engelm.) Shaw
Douglas-fir	*Pseudotsuga menziesii* (Mirb.) Franco
Redwood	*Sequoia sempervirens* (D. Don) Endl.
Western redcedar	*Thuja plicata* Donn ex D. Don
Western hemlock	*Tsuga heterophylla* (Raf.) Sarg.
Mountain hemlock	*T. mertensiana* (Bong.) Carr.

Waddell, Karen L.; Oswald, Daniel D.; Powell, Douglas S. 1989. Forest statistics of the United States, 1987. Resour. Bull. PNW-RB-168. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 106 p.

The Forest and Rangeland Renewable Resources Planning Act (RPA) of 1974 (88 Stat. 476 as amended) directs the U.S. Department of Agriculture to conduct a comprehensive assessment of all forest and range land resources on both public and private lands. Forest resource data collected from periodic surveys in each State and Forest Service Region were entered into a database management system, compiled, and summarized for the United States. Tables include information on area, volume, removals, and timber product outputs. This paper extracts sections of the 1989 RPA Assessment document.

Keywords: RPA, assessment, volume, area, removals, timber products.

The **Forest Service** of the U.S. Department of Agriculture is dedicated to the principle of multiple use management of the Nation's forest resources for sustained yields of wood, water, forage, wildlife, and recreation. Through forestry research, cooperation with the States and private forest owners, and management of the National Forests and National Grasslands, it strives — as directed by Congress — to provide increasingly greater service to a growing Nation.

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Table 35—Common and scientific names of tree species (continued)

Common name	Scientific name
Western hardwoods:	
Red alder	*Alnus rubra* Bong.
Tanoak	*Lithocarpus densiflorus* (Hook & Arn.) Rehd.
Cottonwood	*Populus* L.
Oak	*Quercus* L.

Source: Little, Elbert L., Jr. 1979. Checklist of United States trees (native and naturalized). Agric. Handb. 541. Washington, DC. U.S. Department of Agriculture, Forest Service. 375 p.

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