

Table 32.—Annual mortality (thousand cubic feet) of growing stock on timberland in the United States by ownership group, region, subregion, and species group, for 1991, 1986, 1976, 1962, and 1952.

Region, subregion, and species group	All owners					National Forest					Other public				
	1991	1986	1976	1962	1952	1991	1986	1976	1962	1952	1991 ^a	1986	1976	1962	1952
North:															
Northeast:															
Softwoods	281,033	257,140	191,544	180,000	150,800	6,348	5,393	1,746	4,180	3,570	13,611	14,875	10,561	7,927	6,911
Hardwoods	501,213	418,217	356,773	301,400	248,200	16,912	15,518	10,823	12,090	9,810	62,089	51,156	33,580	27,528	21,982
Total	782,247	675,357	548,317	481,400	399,000	23,261	20,911	12,569	16,210	13,380	75,700	66,031	44,141	35,455	28,893
North Central:															
Softwoods	165,931	110,926	132,777	113,149	64,834	32,515	19,836	21,732	24,296	16,214	54,922	41,299	36,930	33,314	19,644
Hardwoods	620,526	456,852	467,451	345,595	226,384	54,102	44,034	36,115	29,973	18,417	117,720	87,701	102,796	66,873	38,737
Total	786,457	567,778	600,228	458,744	291,218	86,618	63,870	57,847	54,269	34,631	172,641	129,000	139,726	100,187	58,381
North Total:															
Softwoods	446,964	368,066	324,321	293,149	215,634	38,864	25,229	23,478	28,476	19,784	68,533	56,174	47,491	41,241	26,555
Hardwoods	1,121,739	875,069	824,224	646,995	474,564	71,015	59,552	46,938	42,003	28,227	179,809	138,857	136,376	94,401	60,719
Total	1,568,704	1,243,135	1,148,545	940,144	690,218	109,878	84,781	70,416	70,479	48,011	248,342	195,031	183,867	135,642	87,274
South:															
Southeast:															
Softwoods	639,121	489,320	416,000	260,200	234,700	72,750	30,147	21,447	10,300	11,800	39,296	26,081	18,553	16,400	11,100
Hardwoods	541,367	371,125	286,783	301,000	283,800	54,059	35,262	24,358	19,000	18,600	18,409	14,171	13,018	9,400	6,300
Total	1,180,488	860,445	702,783	561,200	518,500	126,809	65,409	45,805	29,300	30,400	57,704	40,252	31,571	25,800	17,400
South Central:															
Softwoods	427,898	351,451	216,201	138,800	98,700	41,257	29,491	19,769	19,000	12,132	13,997	11,919	6,983	3,200	3,000
Hardwoods	599,679	460,976	359,267	469,400	355,200	37,001	18,285	14,497	20,100	12,227	45,045	30,302	18,081	12,200	8,359
Total	1,027,577	812,427	575,468	608,200	453,900	78,258	47,776	34,266	39,100	24,359	59,042	42,221	25,064	15,400	11,359
South Total:															
Softwoods	1,067,020	840,771	632,201	399,000	333,400	114,007	59,638	41,216	29,300	23,932	53,292	38,000	25,536	19,600	14,100
Hardwoods	1,141,045	832,101	646,050	770,400	639,000	91,061	53,547	38,855	39,100	30,827	63,454	44,473	31,099	21,600	14,659
Total	2,208,065	1,672,872	1,278,251	1,169,400	972,400	205,068	113,185	80,071	68,400	54,759	116,746	82,473	56,635	41,200	28,759
Rocky Mountains:															
Great Plains:															
Softwoods	7,576	7,033	3,940	3,600	3,300	*	4,483	3,543	3,226	3,025	159	38	130	85	59
Hardwoods	19,414	7,803	29,312	25,699	24,730	*	61	0	0	0	1,137	474	4,379	4,127	3,896
Total	26,991	14,836	33,252	29,299	28,030	*	4,544	3,543	3,226	3,025	1,296	512	4,509	4,212	3,955
Intermountain:															
Softwoods	596,567	487,864	454,779	598,400	565,300	423,315	365,637	270,479	418,400	388,200	49,857	51,122	66,643	65,887	66,354
Hardwoods	64,338	42,628	39,160	38,900	34,600	35,202	22,143	17,860	19,500	17,200	3,119	4,082	6,709	6,107	5,443
Total	660,905	530,492	493,939	637,300	599,900	458,517	387,780	288,339	437,900	405,400	52,977	55,204	73,352	71,994	71,797
Rocky Mountains Total:															
Softwoods	604,143	494,897	458,719	602,000	568,600	427,798	370,120	274,022	421,626	391,225	50,016	51,160	66,773	65,972	66,413
Hardwoods	83,753	50,431	68,472	64,599	59,330	35,263	22,204	17,860	19,500	17,200	4,256	4,556	11,088	10,234	9,339
Total	687,896	545,328	527,191	666,599	627,930	463,061	392,324	291,882	441,126	408,425	54,272	55,716	77,861	76,206	75,752
Pacific Coast:															
Alaska:															
Softwoods	196,134	172,267	213,596	222,195	224,700	123,624	99,767	146,799	164,133	171,090	23,702	25,451	63,781	56,741	52,563
Hardwoods	10,188	9,912	9,395	9,367	9,467	430	154	1,536	1,608	1,608	5,742	5,742	7,656	7,656	7,756
Total	206,323	182,179	222,991	231,562	234,167	124,054	99,921	148,335	165,741	172,698	29,444	31,193	71,437	64,397	60,319
Pacific Northwest:															
Softwoods	493,320	422,120	699,600	906,300	952,500	186,085	186,277	326,700	417,400	407,300	89,792	113,22	172,200	184,900	210,000
Hardwoods	111,323	68,287	71,800	64,000	50,500	142 ^b	156 ^b	6,600	7,000	6,100	22,717	12,559	11,900	16,800	13,700
Total	604,642	490,407	771,400	970,300	1,003,000	186,227	186,433	333,300	424,400	413,400	112,509	125,786	184,100	201,700	223,700
Pacific Southwest:															
Softwoods	183,886	247,804	137,700	346,100	366,800	107,886	171,205	80,800	198,100	199,500	4,316	6,395	5,100	12,800	16,500
Hardwoods	21,491	24,316	6,792	10,200	10,100	3,038	5,217	2,300	7,000	7,400	1,898	2,399	870	300	300
Total	205,376	272,120	144,492	356,300	376,900	110,924	176,422	83,100	205,100	206,900	6,215	8,794	5,970	13,100	16,800
Pacific Coast Total:															
Softwoods	873,339	842,191	1,050,896	1,474,595	1,544,000	417,595	457,249	554,299	779,633	777,890	117,810	145,073	241,081	254,441	279,063
Hardwoods	143,002	102,515	87,987	83,567	70,067	3,611	5,527	10,436	15,608	15,108	30,358	20,700	20,426	24,756	21,756
Total	1,016,341	944,706	1,138,883	1,558,162	1,614,067	421,206	462,776	564,735	795,241	792,998	148,168	165,773	261,507	279,197	300,819

Table 32.—(continued).

Region, subregion, and species group	Forest industry					Nonindustrial private				
	1991	1986	1976	1962	1952	1991 ^a	1986	1976	1962	1952
North:										
Northeast:										
Softwoods	99,311	95,216	65,375	45,251	37,876	161,763	141,656	113,862	122,642	102,443
Hardwoods	45,171	45,889	43,585	33,263	29,138	377,040	305,654	268,785	228,579	187,270
Total	144,483	141,105	108,960	78,514	67,014	538,803	447,310	382,647	351,221	289,713
North Central:										
Softwoods	18,369	13,254	22,180	17,507	8,308	60,125	36,537	51,935	38,032	20,668
Hardwoods	31,906	23,373	43,938	28,920	15,279	416,799	301,744	284,602	219,829	153,951
Total	50,274	36,627	66,118	46,427	23,587	476,924	338,281	336,537	257,861	174,619
North Total:										
Softwoods	117,680	108,470	87,555	62,758	46,184	221,888	178,193	165,797	160,674	123,111
Hardwoods	77,077	69,262	87,523	62,183	44,417	793,839	607,398	553,387	448,408	341,221
Total	194,757	177,732	175,078	124,941	90,601	1,015,727	785,591	719,184	609,082	464,332
South:										
Southeast:										
Softwoods	90,475	71,127	64,000	50,200	44,200	436,600	361,965	312,000	183,300	167,600
Hardwoods	72,330	57,090	40,125	42,000	43,800	396,568	264,602	209,282	230,600	215,100
Total	162,806	128,217	104,125	92,200	88,000	833,169	626,567	521,282	413,900	382,700
South Central:										
Softwoods	99,831	85,998	64,935	52,200	38,748	272,814	224,043	124,514	64,400	44,820
Hardwoods	81,713	71,521	61,844	82,100	50,775	435,919	340,868	264,845	355,000	283,839
Total	181,544	157,519	126,779	134,300	89,523	708,733	564,911	389,359	419,400	328,659
South Total:										
Softwoods	190,307	157,125	128,935	102,400	82,948	709,414	586,008	436,514	247,700	212,420
Hardwoods	154,043	128,611	101,969	124,100	94,575	832,487	605,470	474,127	585,600	498,939
Total	344,350	285,736	230,904	226,500	177,523	1,541,902	1,191,478	910,641	833,300	711,359
Rocky Mountains:										
Great Plains:										
Softwoods	0	0	24	14	9	2,934	2,512	243	275	207
Hardwoods	26	0	0	0	0	18,191	7,268	24,933	21,572	20,834
Total	26	0	24	14	9	21,125	9,780	25,176	21,847	21,041
Intermountain:										
Softwoods	41,615	27,696	22,407	22,949	22,197	81,780	43,409	95,250	91,164	88,549
Hardwoods	223	0	359	464	441	25,794	16,403	14,232	12,829	11,516
Total	41,837	27,696	22,766	23,413	22,638	107,574	59,812	109,482	103,993	100,065
Rocky Mountains Total:										
Softwoods	41,615	27,696	22,431	22,963	22,206	84,714	45,921	95,493	91,439	88,756
Hardwoods	249	0	359	464	441	43,985	23,671	39,165	34,401	32,350
Total	41,864	27,696	22,790	23,427	22,647	128,699	69,592	134,658	125,840	121,106
Pacific Coast:										
Alaska:										
Softwoods	0	0	0	0	0	48,809	47,049	3,016	1,321	1,047
Hardwoods	0	0	0	0	0	4,016	4,016	203	103	103
Total	0	0	0	0	0	52,824	51,065	3,219	1,424	1,150
Pacific Northwest:										
Softwoods	108,082	74,475	134,300	222,400	255,200	109,361	48,141	66,400	81,600	80,000
Hardwoods	37,698	23,938	25,600	17,900	12,800	50,766	31,634	27,700	22,300	17,900
Total	145,779	98,413	159,900	240,300	268,000	160,127	79,775	94,100	103,900	97,900
Pacific Southwest:										
Softwoods	35,142	29,539	20,600	48,000	53,500	36,542	40,665	31,200	87,200	97,300
Hardwoods	6,281	5,280	1,700	1,500	1,100	10,723	11,420	1,922	1,400	1,300
Total	41,423	34,819	22,300	49,500	54,600	46,814	52,085	33,122	88,600	98,600
Pacific Coast Total:										
Softwoods	143,224	104,014	154,900	270,400	308,700	194,711	135,855	100,616	170,121	178,347
Hardwoods	43,979	29,218	27,300	19,400	13,900	65,054	47,070	29,825	23,803	19,303
Total	187,203	133,232	182,200	289,800	322,600	259,765	182,925	130,441	193,924	197,650

(Continued)

Table 32.—(continued).

Region, subregion, and species group	All owners					National Forest					Other public				
	1991	1986	1976	1962	1952	1991	1986	1976	1962	1952	1991 ^a	1986	1976	1962	1952
United States:															
Softwoods	2,991,466	2,545,925	2,466,137	2,768,744	2,661,634	998,263	912,236	893,015	1,259,035	1,212,831	289,652	290,407	380,881	381,254	386,131
Hardwoods	2,489,539	1,860,116	1,626,733	1,565,561	1,242,981	200,949	140,830	114,089	116,211	91,362	277,876	208,586	198,989	150,991	106,473
Total	5,481,005	4,406,041	4,092,870	4,334,305	3,904,615	1,199,213	1,053,066	1,007,104	1,375,246	1,304,193	567,528	498,993	579,870	532,245	492,604

^aIndian lands are included in the Nonindustrial Private owner group for 1991 only. For 1986 and earlier years, these Indian lands may be included in the Other Public owner group.

^bEstimates of hardwood mortality are not available for most National Forests in Oregon and Washington.

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

Note: An "*" indicates that the 1992 data have not been updated since 1987. See Appendix A of this report for more detail.

Table 32.—(continued).

Region, subregion, and species group	Forest industry					Nonindustrial private				
	1991	1986	1976	1962	1952	1991 ^a	1986	1976	1962	1952
United States:										
Softwoods	492,825	397,305	393,821	458,521	460,038	1,210,727	945,977	798,420	669,934	602,638
Hardwoods	275,348	227,091	217,151	206,147	153,333	1,735,365	1,283,609	1,096,504	1,092,212	891,813
Total	768,173	624,396	610,972	664,668	613,371	2,946,092	2,229,586	1,894,924	1,762,146	1,494,447

Table 33.—Net annual growth (thousand cubic feet) of growing stock on timberland in the United States by ownership group, region, subregion, and species group, for 1991, 1986, 1976, 1962, and 1952.

Region, subregion, and species group	All owners					National Forest					Other public				
	1991	1986	1976	1962	1952	1991	1986	1976	1962	1952	1991 ^a	1986	1976	1962	1952
North:															
Northeast:															
Softwoods	713,754	701,741	1,067,271	821,900	652,600	17,119	19,019	18,359	15,394	13,282	51,810	53,518	48,791	31,676	27,166
Hardwoods	2,378,798	2,246,366	2,072,571	1,721,900	1,358,000	88,003	131,021	116,999	88,006	69,443	200,135	265,069	237,900	181,916	142,264
Total	3,092,552	2,948,107	3,139,842	2,543,800	2,010,600	105,122	150,040	135,358	103,400	82,725	251,945	318,587	286,691	213,592	169,430
North Central:															
Softwoods	500,287	586,546	490,986	389,027	320,702	84,336	117,617	97,660	73,431	57,215	134,106	168,327	142,017	120,065	92,256
Hardwoods	1,769,020	1,977,350	1,718,072	1,490,378	1,385,188	122,752	154,278	158,742	140,821	112,026	269,737	340,975	304,325	269,546	213,120
Total	2,269,307	2,563,896	2,209,058	1,879,405	1,705,890	207,088	271,895	256,402	214,252	169,241	403,843	509,302	446,342	389,611	305,376
North Total:															
Softwoods	1,214,040	1,288,287	1,558,257	1,210,927	973,302	101,455	136,636	116,019	88,825	70,497	185,916	221,845	190,808	151,741	119,422
Hardwoods	4,147,819	4,223,716	3,790,643	3,212,778	2,743,188	210,755	285,299	275,741	228,827	181,469	469,872	606,044	542,225	451,462	355,384
Total	5,361,859	5,512,003	5,348,900	4,423,205	3,716,490	312,210	421,935	391,760	317,652	251,966	655,788	827,889	733,033	603,203	474,806
South:															
Southeast:															
Softwoods	2,378,376	2,622,053	3,104,000	2,151,467	1,874,017	50,184	93,774	137,000	89,697	80,313	132,106	147,893	149,000	84,254	70,017
Hardwoods	1,944,800	2,104,004	2,186,000	1,468,069	1,291,618	114,462	139,288	141,000	86,444	73,208	87,933	85,918	71,000	32,372	27,169
Total	4,323,176	4,726,057	5,290,000	3,619,536	3,165,635	164,646	233,062	278,000	176,141	153,521	220,039	233,811	220,000	116,626	97,186
South Central:															
Softwoods	2,722,232	2,876,764	3,210,598	2,547,300	1,767,400	174,464	230,844	245,340	336,300	211,300	52,037	54,534	71,156	57,700	56,388
Hardwoods	2,786,476	2,382,778	2,822,683	1,926,200	1,749,700	147,254	134,532	144,064	111,300	67,265	127,883	100,875	108,706	70,600	55,182
Total	5,508,708	5,259,542	6,033,281	4,473,500	3,517,100	321,718	365,376	389,404	447,600	278,565	179,921	155,409	179,862	128,300	111,570
South Total:															
Softwoods	5,100,608	5,498,817	6,314,598	4,698,767	3,641,417	224,648	324,618	382,340	425,997	291,613	184,144	202,427	220,156	141,954	126,405
Hardwoods	4,731,276	4,486,782	5,008,683	3,394,269	3,041,318	261,715	273,820	285,064	197,744	140,473	215,816	186,793	179,706	102,972	82,351
Total	9,831,884	9,985,599	11,323,281	8,093,036	6,682,735	486,363	598,438	667,404	623,741	432,086	399,960	389,220	399,862	244,926	208,756
Rocky Mountains:															
Great Plains:															
Softwoods	46,810	47,412	43,521	30,419	22,220	*	32,989	31,087	20,993	14,700	2,406	3,105	2,977	2,006	1,469
Hardwoods	51,328	38,438	39,818	33,946	30,500	*	554	676	200	100	2,668	3,266	3,552	2,950	2,615
Total	98,138	85,850	83,339	64,365	52,720	*	33,543	31,763	21,193	14,800	5,074	6,371	6,529	4,956	4,084
Intermountain:															
Softwoods	1,937,948	1,909,449	1,550,496	1,226,400	1,077,700	1,251,631	1,263,727	1,013,396	754,900	673,400	168,512	216,692	158,464	138,559	117,646
Hardwoods	135,817	131,347	99,098	65,900	56,800	66,435	56,642	65,498	36,400	31,300	14,713	24,216	6,945	6,182	5,462
Total	2,073,765	2,040,796	1,649,594	1,292,300	1,134,500	1,318,066	1,320,369	1,078,894	791,300	704,700	183,225	240,908	165,409	144,741	123,108
Rocky Mountains Total:															
Softwoods	1,984,758	1,956,861	1,594,017	1,256,819	1,099,920	1,284,620	1,296,716	1,044,483	775,893	688,100	170,918	219,797	161,441	140,565	119,115
Hardwoods	187,145	169,785	138,916	99,846	87,300	66,989	57,196	66,174	36,600	31,400	17,381	27,482	10,497	9,132	8,077
Total	2,171,903	2,126,646	1,732,933	1,356,665	1,187,220	1,351,608	1,353,912	1,110,657	812,493	719,500	188,299	247,279	171,938	149,697	127,192

Table 33.—(continued).

Region, subregion, and species group	Forest industry					Nonindustrial private				
	1991	1986	1976	1962	1952	1991 ^a	1986	1976	1962	1952
North:										
Northeast:										
Softwoods	188,130	188,430	377,359	236,099	178,928	456,694	440,774	622,762	538,731	433,224
Hardwoods	233,445	230,023	226,164	155,996	128,574	1,857,215	1,620,253	1,491,508	1,295,982	1,017,719
Total	421,576	418,453	603,523	392,095	307,502	2,313,909	2,061,027	2,114,270	1,834,713	1,450,943
North Central:										
Softwoods	42,303	50,172	55,090	43,948	43,288	239,541	250,430	196,219	151,583	127,943
Hardwoods	88,806	105,370	118,401	100,298	99,057	1,287,726	1,376,727	1,136,604	979,713	960,985
Total	131,109	155,542	173,491	144,246	142,345	1,527,267	1,627,157	1,332,823	1,131,296	1,088,928
North Total:										
Softwoods	230,437	238,602	432,449	280,047	222,216	696,235	691,204	818,981	690,314	561,167
Hardwoods	322,251	335,393	344,565	256,294	227,631	3,144,941	2,996,980	2,628,112	2,275,695	1,978,704
Total	552,685	573,995	777,014	536,641	449,847	3,841,176	3,688,184	3,447,093	2,966,009	2,539,871
South:										
Southeast:										
Softwoods	760,734	724,829	688,000	410,752	374,583	1,435,352	1,655,557	2,130,000	1,566,764	1,349,104
Hardwoods	216,026	245,858	259,000	173,905	170,797	1,526,380	1,632,940	1,715,000	1,175,348	1,020,444
Total	976,760	970,687	947,000	584,657	545,380	2,961,732	3,288,497	3,845,000	2,742,112	2,369,548
South Central:										
Softwoods	923,602	829,133	894,423	971,400	707,496	1,572,129	1,762,253	1,999,679	1,181,900	792,216
Hardwoods	395,148	347,608	452,703	285,200	202,822	2,116,191	1,799,763	2,117,210	1,459,100	1,424,431
Total	1,318,749	1,176,741	1,347,126	1,256,600	910,318	3,688,320	3,562,016	4,116,889	2,641,000	2,216,647
South Total:										
Softwoods	1,684,335	1,553,962	1,582,423	1,382,152	1,082,079	3,007,481	3,417,810	4,129,679	2,748,664	2,141,320
Hardwoods	611,173	593,466	711,703	459,105	373,619	3,642,571	3,432,703	3,832,210	2,634,448	2,444,875
Total	2,295,509	2,147,428	2,294,126	1,841,257	1,455,698	6,650,052	6,850,513	7,961,889	5,383,112	4,586,195
Rocky Mountains:										
Great Plains:										
Softwoods	340	340	608	296	233	11,076	10,978	8,849	7,124	5,818
Hardwoods	62	0	62	10	5	48,044	34,618	35,528	30,786	27,780
Total	402	340	670	306	238	59,119	45,596	44,377	37,910	33,598
Intermountain:										
Softwoods	126,657	124,840	103,030	91,385	78,404	391,148	304,190	275,606	241,556	208,250
Hardwoods	679	980	793	871	660	53,991	49,509	25,862	22,447	19,378
Total	127,336	125,820	103,823	92,256	79,064	445,139	353,699	301,468	264,003	227,628
Rocky Mountains Total:										
Softwoods	126,997	125,180	103,638	91,681	78,637	402,224	315,168	284,455	248,680	214,068
Hardwoods	741	980	855	881	665	102,034	84,127	61,390	52,233	47,158
Total	127,738	126,160	104,493	92,562	79,302	504,258	399,295	345,845	301,913	261,226

(Continued)

Table 33.—(continued).

Region, subregion, and species group	All owners					National Forest					Other public				
	1991	1986	1976	1962	1952	1991	1986	1976	1962	1952	1991 ^a	1986	1976	1962	1952
Pacific Coast:															
Alaska:															
Softwoods	172,694	102,686	162,499	124,900	103,600	85,386	15,378	22,627	15,836	10,367	67,911	66,723	136,877	107,494	92,588
Hardwoods	96,957	93,664	6,824	6,725	6,725	4,060	768	15	16	16	55,310	55,309	6,609	6,609	6,609
Total	269,651	196,350	169,323	131,625	110,325	89,446	16,146	22,642	15,852	10,383	123,222	122,032	143,486	114,103	99,197
Pacific Northwest:															
Softwoods	2,566,351	2,783,990	2,158,700	1,818,600	1,472,500	589,480	589,266	538,800	506,900	440,900	496,959	634,145	467,000	403,700	258,900
Hardwoods	337,813	431,588	400,800	302,300	221,500	433 ^b	433 ^b	14,700	14,800	13,600	62,553	87,510	93,000	57,700	33,500
Total	2,904,165	3,215,578	2,559,500	2,120,900	1,694,000	589,913	589,699	553,500	521,700	454,500	559,512	721,655	560,000	461,400	292,400
Pacific Southwest:															
Softwoods	935,410	889,365	713,200	499,600	444,000	463,457	421,551	363,500	185,600	162,000	23,527	25,198	13,900	14,000	14,000
Hardwoods	151,283	156,834	79,137	80,000	75,000	0 ^c	0 ^c	16,100	30,000	29,000	12,814	15,865	7,735	5,000	6,000
Total	1,086,693	1,046,199	792,337	579,600	519,000	463,457	421,551	379,600	215,600	191,000	36,341	41,063	21,635	19,000	20,000
Pacific Coast Total:															
Softwoods	3,674,455	3,776,041	3,034,399	2,443,100	2,020,100	1,138,323	1,026,195	924,927	708,336	613,267	588,398	726,066	617,777	525,194	365,488
Hardwoods	586,053	682,086	486,761	389,025	303,225	4,493	1,201	30,815	44,816	42,616	130,677	158,684	107,344	69,309	46,109
Total	4,260,509	4,458,127	3,521,160	2,832,125	2,323,325	1,142,786	1,027,396	955,742	753,152	655,883	719,075	884,750	725,121	594,503	411,597
United States:															
Softwoods	11,973,862	12,520,006	12,501,271	9,609,613	7,734,739	2,749,046	2,784,165	2,467,769	1,999,051	1,663,477	1,129,376	1,370,135	1,190,182	959,454	730,430
Hardwoods	9,652,293	9,562,369	9,425,003	7,095,418	6,175,031	543,952	617,516	657,794	507,987	395,958	833,746	979,003	839,772	632,875	491,921
Total	21,626,155	22,082,375	21,926,274	16,705,031	13,909,770	3,292,997	3,401,681	3,125,563	2,507,038	2,059,435	1,963,122	2,349,138	2,029,954	1,592,329	1,222,351

^aIndian lands are included in the Nonindustrial Private owner group for 1991 only. For 1986 and earlier years, these Indian lands may be included in the Other Public owner group.

^bEstimates of hardwood growth are not available for most National Forests in Oregon and Washington.

^cEstimates of hardwood growth are not available for National Forests in California.

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

Note: An "***" indicates that the 1992 data have not been updated since 1987. See Appendix A of this report for more detail.

Table 33.—(continued).

Region, subregion, and species group	Forest industry					Nonindustrial private				
	1991	1986	1976	1962	1952	1991 ^a	1986	1976	1962	1952
Pacific Coast:										
Alaska:										
Softwoods	0	0	0	0	0	19,397	20,585	2,995	1,570	645
Hardwoods	0	0	0	0	0	37,587	37,587	200	100	100
Total	0	0	0	0	0	56,984	58,172	3,195	1,670	745
Pacific Northwest:										
Softwoods	904,530	1,029,287	691,200	454,100	399,000	575,383	531,292	461,700	443,900	373,700
Hardwoods	111,051	154,079	145,200	96,400	75,300	163,776	189,566	147,900	131,400	99,100
Total	1,015,581	1,183,366	836,400	562,500	474,300	739,158	720,858	609,600	575,300	472,800
Pacific Southwest:										
Softwoods	243,783	204,912	138,500	108,000	90,000	204,643	237,704	197,300	192,000	178,000
Hardwoods	54,245	45,596	19,100	15,000	11,000	84,224	95,373	36,202	30,000	29,000
Total	298,028	250,508	157,600	123,000	101,000	288,867	333,077	233,502	222,000	207,000
Pacific Coast Total:										
Softwoods	1,148,312	1,234,199	829,700	572,100	489,000	799,423	789,581	661,995	637,470	552,345
Hardwoods	165,296	199,675	164,300	113,400	86,300	285,587	322,526	184,302	161,500	128,200
Total	1,313,609	1,433,874	994,000	685,500	575,300	1,085,009	1,112,107	846,297	798,970	680,545
United States:										
Softwoods	3,190,078	3,151,943	2,948,210	2,325,980	1,871,932	4,905,363	5,213,763	5,895,110	4,325,128	3,468,900
Hardwoods	1,099,462	1,129,514	1,221,423	829,680	688,215	7,175,133	6,836,336	6,706,014	5,124,876	4,598,937
Total	4,289,540	4,281,457	4,169,633	3,155,660	2,560,147	12,080,496	12,050,099	12,601,124	9,450,004	8,067,837

Table 34.—Annual removals (thousand cubic feet) of growing stock on timberland in the United States by ownership group, region, subregion, and species group, for 1991, 1986, and 1976.

Region, subregion, and species group	All owners			National Forest	Other public	Forest industry	Non- industrial private
	1991	1986	1976	1991	1991	1991	1991
North:							
Northeast:							
Softwoods	499,500	520,797	498,576	7,427	13,059	316,826	162,188
Hardwoods	819,643	781,162	803,694	21,559	69,996	255,990	472,098
Total	1,319,143	1,301,959	1,302,270	28,986	83,055	572,816	634,286
North Central:							
Softwoods	242,153	204,719	193,534	38,242	58,041	31,102	114,768
Hardwoods	1,225,518	1,201,539	999,059	76,744	153,970	119,498	875,306
Total	1,467,671	1,406,258	1,192,593	114,986	212,011	150,600	990,074
North Total:							
Softwoods	741,653	725,516	692,110	45,669	71,100	347,928	276,956
Hardwoods	2,045,161	1,982,701	1,802,753	98,303	223,966	375,488	1,347,404
Total	2,786,814	2,708,217	2,494,863	143,972	295,066	723,416	1,624,360
South:							
Southeast:							
Softwoods	2,761,294	2,411,562	2,028,804	84,323	79,355	869,540	1,728,076
Hardwoods	1,410,063	1,260,821	1,002,521	39,658	35,019	286,106	1,049,280
Total	4,171,357	3,672,383	3,031,325	123,981	114,374	1,155,646	2,777,356
South Central:							
Softwoods	3,056,950	2,905,505	2,407,658	192,490	45,752	1,271,307	1,547,401
Hardwoods	1,723,962	1,625,779	1,239,717	55,914	44,450	480,339	1,143,259
Total	4,780,912	4,531,284	3,647,375	248,404	90,202	1,751,646	2,690,660
South Total:							
Softwoods	5,818,244	5,317,067	4,436,462	276,813	125,107	2,140,847	3,275,477
Hardwoods	3,134,025	2,886,600	2,242,238	95,572	79,469	766,445	2,192,539
Total	8,952,269	8,203,667	6,678,700	372,385	204,576	2,907,292	5,468,016
Rocky Mountains:							
Great Plains:							
Softwoods	34,670	25,797	21,322	23,298	14	0	11,358
Hardwoods	16,260	16,260	20,600	8	23	0	16,229
Total	50,930	42,057	41,922	23,306	37	0	27,587
Intermountain:							
Softwoods	761,859	817,031	821,687	372,036	55,706	171,721	162,396
Hardwoods	13,750	11,635	3,054	9,609	851	922	2,368
Total	775,609	828,666	824,741	381,645	56,557	172,643	164,764
Rocky Mountains Total:							
Softwoods	796,529	842,828	843,009	395,334	55,720	171,721	173,754
Hardwoods	30,010	27,895	23,654	9,617	874	922	18,597
Total	826,539	870,723	866,663	404,951	56,594	172,643	192,351
Pacific Coast:							
Alaska:							
Softwoods	235,401	117,881	107,437	99,414	3,414	0	132,573
Hardwoods	4,740	5,211	3,164	0	1,680	0	3,060
Total	240,141	123,092	110,601	99,414	5,094	0	135,633
Pacific Northwest:							
Softwoods	2,477,420	3,121,025	3,101,707	597,303	388,478	1,051,069	440,570
Hardwoods	116,434	98,375	106,286	8,156	19,800	58,808	29,670
Total	2,593,854	3,219,400	3,207,993	605,459	408,278	1,109,877	470,240

(Continued)

Table 34.—(continued).

Region, subregion, and species group	All owners			National Forest	Other public	Forest Industry	Non- Industrial private
	1991	1986	1976	1991	1991	1991	1991
Pacific Southwest:							
Softwoods	886,329	818,897	818,402	366,940	15,068	400,621	103,700
Hardwoods	21,696	11,579	16,805	7,919	325	10,848	2,604
Total	908,025	830,476	835,207	374,859	15,393	411,469	106,304
Pacific Coast Total:							
Softwoods	3,599,150	4,057,803	4,027,541	1,063,657	406,960	1,451,690	676,843
Hardwoods	142,870	115,165	126,255	16,075	21,805	69,656	35,334
Total	3,742,020	4,172,968	4,153,801	1,079,732	428,765	1,521,346	712,177
United States:							
Softwoods	10,955,576	10,943,214	9,999,127	1,781,473	658,887	4,112,186	4,403,030
Hardwoods	5,352,066	5,012,361	4,194,900	219,567	326,114	1,212,511	3,593,874
Total	16,307,642	15,955,575	14,194,027	2,001,040	985,001	5,324,697	7,996,904

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

Table 35.—Net annual growth, removals, and mortality (thousand cubic feet) of growing stock on timberland in the United States by species group, region, subregion, and state, 1991.

Region, subregion, and state	All species			Softwoods			Hardwoods		
	Growth	Removals	Mortality	Growth	Removals	Mortality	Growth	Removals	Mortality
North:									
Northeast:									
Connecticut	61,486	21,059	16,550	7,096	3,202	148	54,389	17,857	16,402
Delaware	13,504	3,204	4,113	2,946	1,201	1,549	10,558	2,003	2,564
Maine	513,431	459,878	214,606	287,525	306,021	163,188	225,905	153,857	51,418
Maryland	163,292	39,272	27,343	28,863	11,372	7,351	134,429	27,900	19,991
Massachusetts	147,512	36,809	15,622	46,562	11,257	5,749	100,950	25,552	9,873
New Hampshire	205,240	85,670	54,972	60,481	46,987	35,953	144,759	38,683	19,018
New Jersey	51,193	17,646	12,256	9,439	1,690	1,498	41,754	15,956	10,758
New York	583,822	222,831	161,224	117,205	60,482	27,647	466,617	162,349	133,577
Pennsylvania	631,742	284,046	176,933	69,693	10,825	11,015	562,049	273,221	165,918
Rhode Island	10,487	2,587	3,479	2,441	502	96	8,046	2,085	3,383
Vermont	205,676	75,081	48,490	53,277	41,308	18,869	152,399	33,773	29,620
West Virginia	505,167	71,060	46,659	28,225	4,653	7,968	476,942	66,407	38,691
Total	3,092,552	1,319,143	782,247	713,754	499,500	281,033	2,378,798	819,643	501,213
North Central:									
Illinois	132,398	68,123	40,298	2,398	1,858	1,116	130,000	66,265	39,183
Indiana	150,630	92,730	39,405	6,496	302	1,188	144,134	92,428	38,218
Iowa	41,155	26,157	15,864	840	28	59	40,314	26,129	15,806
Michigan	619,637	382,930	184,907	202,307	79,036	53,947	417,330	303,894	130,961
Minnesota	368,641	287,979	217,631	113,665	69,253	66,448	254,976	218,726	151,184
Missouri	244,800	135,928	68,895	33,039	11,576	3,526	211,761	124,352	65,369
Ohio	290,711	113,139	56,153	11,615	5,080	4,390	279,096	108,059	51,763
Wisconsin	421,337	360,685	163,303	129,927	75,020	35,259	291,409	285,665	128,044
Total	2,269,307	1,467,671	786,457	500,287	242,153	165,931	1,769,020	1,225,518	620,526
North Total:	5,361,859	2,786,814	1,568,704	1,214,040	741,653	446,964	4,147,819	2,045,161	1,121,739
South:									
Southeast:									
Florida	628,248*	615,910	121,308*	487,513*	523,767	61,733*	140,736*	92,143	59,575*
Georgia	1,274,707	1,325,665	267,665	817,944	966,086	148,606	456,763	359,579	119,058
North Carolina	1,159,616	958,001	263,984	589,859	531,190	116,394	569,758	426,811	147,590
South Carolina	458,998	713,065	366,205	254,086	505,665	240,387	204,912	207,400	125,818
Virginia	801,607	558,716	161,325	228,974	234,586	72,000	572,632	324,130	89,325
Total	4,323,176	4,171,357	1,180,488	2,378,376	2,761,294	639,121	1,944,800	1,410,063	541,367
South Central:									
Alabama	1,224,126	1,072,506	198,178	657,875	715,202	106,292	566,251	357,304	91,886
Arkansas	784,706	758,417	143,374	386,981	494,633	43,151	397,725	263,784	100,224
Kentucky	388,110	100,145	91,683	25,522	7,809	13,038	362,589	92,336	78,645
Louisiana	838,640	814,141	157,495	529,449	586,728	77,577	309,191	227,413	79,918
Mississippi	946,333	961,515	170,849	509,830	617,758	93,617	436,504	343,757	77,232
Oklahoma	84,841	84,103	17,416	46,176	48,823	2,996	38,664	35,280	14,420
Tennessee	595,011	368,794	146,478	97,785	89,629	32,814	497,226	279,165	113,664
Texas	646,940	621,291	102,104	468,614	496,368	58,415	178,326	124,923	43,689
Total	5,508,708	4,780,912	1,027,577	2,722,232	3,056,950	427,898	2,786,476	1,723,962	599,679
South Total:	9,831,884	8,952,269	2,208,065	5,100,608	5,818,244	1,067,020	4,731,276	3,134,025	1,141,045
Rocky Mountains:									
Great Plains:									
Kansas	32,300	8,327	13,708	361	92	46	31,938	8,235	13,662
Nebraska	13,268	5,383	4,623	4,405	569	902	8,863	4,814	3,721
North Dakota	9,152	1,687	1,694	296	10	0	8,856	1,677	1,694
South Dakota	43,419*	35,533	6,965*	41,748*	33,999	6,628*	1,670*	1,534	337*
Total	98,138	50,930	26,991	46,810	34,670	7,576	51,328	16,260	19,414

(Continued)

Table 35.—(continued).

Region, subregion, and state	All species			Softwoods			Hardwoods		
	Growth	Removals	Mortality	Growth	Removals	Mortality	Growth	Removals	Mortality
Intermountain:									
Arizona	120,073	67,264	29,712	114,495	66,481	26,687	5,578	783	3,026
Colorado	297,543*	33,857	103,682*	227,302*	24,681	81,557*	70,241*	9,176	22,125*
Idaho	728,705	333,015	189,614	717,277	329,898	180,210	11,429	3,117	9,404
Montana	607,168	258,529	182,289	595,672	258,279	178,026	11,496	250	4,263
Nevada	4,966	615	1,642	4,364	615	1,592	602	0	50
New Mexico	152,908	29,523	72,490	140,327	29,236	60,208	12,581	287	12,282
Utah	64,044*	11,494	40,624*	47,995*	11,409	30,298*	16,049*	85	10,326*
Wyoming	98,358*	41,312	40,852*	90,517*	41,260	37,990*	7,841*	52	2,862*
Total	2,073,765	775,609	660,905	1,937,948	761,859	596,567	135,817	13,750	64,338
Rocky Mountains									
Total:	2,171,903	826,539	687,896	1,984,758	796,529	604,143	187,145	30,010	83,753
Pacific Coast:									
Alaska:									
Alaska	269,651	240,141	206,323	172,694	235,401	196,134	96,957	4,740	10,188
Total	269,651	240,141	206,323	172,694	235,401	196,134	96,957	4,740	10,188
Pacific Northwest:									
Oregon	1,390,973	1,365,806	253,034	1,239,315	1,319,113	215,874	151,658	46,693	37,161
Washington	1,513,191	1,228,048	351,608	1,327,036	1,158,307	277,446	186,155	69,741	74,162
Total	2,904,164	2,593,854	604,642	2,566,351	2,477,420	493,320	337,813	116,434	111,323
Pacific Southwest:									
California	1,085,683	908,025	204,289	935,410	886,329	183,886	150,273	21,696	20,403
Hawaii	988*	0	1,088*	0*	0	0*	988*	0	1,088*
Total	1,086,671	908,025	205,377	935,410	886,329	183,886	151,261	21,696	21,491
Pacific Coast									
Total	4,260,486	3,742,020	1,016,342	3,674,455	3,599,150	873,340	586,031	142,870	143,002
United States:	21,626,134	16,307,642	5,481,004	11,973,862	10,955,576	2,991,468	9,652,269	5,352,066	2,489,539

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

Note: An "*" indicates that the 1992 data have not been updated since 1987. See Appendix A of this report for more detail.