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HISTORICAL FORESTRY STATISTICS OF THE UNITED STATES

LUMBER PRODUCTION IN THE UNITED STATES

1799
1809
1819
1829
1839
1849
1859
1869
1879

TIMBER CUT FROM THE NATIONAL FORESTS

1905
1906
1907
1908
1909
1910
1911
1912

STUMPAGE AND LOG PRICES

1910
1911
1912
1913
1914
1915
1916
1917

The objective of this report is to bring together historical forestry and forest product statistics which seem to be of widest general interest

Statistical Bulletin No. 228
U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Compiled by Dwight Hair
DIVISION OF FOREST ECONOMICS RESEARCH
OCTOBER 1958

Foreword

The objective of this report is to bring together in convenient reference form those historical forestry and forest products statistics which seem to be of the widest general interest to workers in conservation and forestry.

The compilation comprises 169 individual statistical series. These include: (1) Forestry statistics covering the national forests and Forest Service cooperative programs; (2) product statistics for lumber, pulpwood, woodpulp, paper and paperboard, turpentine, rosin, veneer logs, and miscellaneous timber products; and (3) price statistics for stumpage, logs, and lumber with price indexes for lumber, plywood, woodpulp, paper, paperboard, and all commodities.

Basic statistics on forest resources such as the area and ownership of forest land, volume of timber, and growth and cut have not been included. Since 1900 several reports containing these basic forest statistics have been published. The five most noteworthy for inclusion of new data, and thus of most historical interest, are listed below in chronological order:

- (1) U. S. Department of Agriculture, Forest Service.
1920. Timber depletion, lumber prices, lumber exports and concentration of timber ownership. Rpt. on Res. 311, 66th Cong. 2d sess. 71 pp., illus. (The Capper Report.)
- (2) U. S. Department of Agriculture, Forest Service.
1933. A national plan for American forestry. S. Doc. 12, 73d Cong. 1st sess. 2v., 1,667 pp., illus. (The Copeland Report.)
- (3) U. S. Congress Joint Committee on Forestry.
1938. Forest lands in the United States. S. Doc. 32, 77th Cong. 1st sess. 44 pp., illus. (The J. C. C. Report.)
- (4) U. S. Department of Agriculture, Forest Service.
1948. Forests and national prosperity. U. S. Dept. Agr. Misc. Pub. No. 668, 99 pp., illus. (The Reappraisal Report.)
- (5) U. S. Department of Agriculture, Forest Service.
1958. Timber Resources for America's Future. U. S. Dept. Agr. Forest Resource Rept. No. 14. 713 pp., illus. (The Timber Resource Review.)

Keyed to each numbered table is a section of explanatory notes in the appendix that defines the statistical series employed, shows source of data and methods of collection, and indicates the types of supplementary historical and current data available.

Current data covering most of the statistics on forestry presented here can be found in the annual "Report of the Chief of the Forest Service." These forestry statistics along with forest products statistics are also published annually by the U. S. Department of Agriculture in "Agricultural Statistics" and by the U. S. Department of Commerce in the "Statistical Abstract of the United States."

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TABLE 1. --National forests: Areas and purchases, 1905 to 1956

(National-forest area data are as of June 30 and include Alaska and Puerto Rico. National-forest purchases are for fiscal years ending June 30 and include Puerto Rico.)

Fiscal year	National-forest lands and other lands administered by the Forest Service ¹		National-forest purchases (gross area approved for purchases)		
	Gross area within unit boundaries	Part of gross area under Forest Service administration	Acres	Average price per acre	Total price
	(1)	(2)	(3)	(4)	(5)
	1,000 acres	1,000 acres	Number	Dollars	1,000 dollars
1956-----	232,118	188,117	21,376	17.42	372
1955-----	235,728	188,120	18,665	10.30	192
1954 ² -----	235,694	188,138	7,761	14.02	109
1953-----	229,112	181,568	7,969	12.46	99
1952-----	229,165	181,293	10,181	10.42	106
1951-----	229,258	181,255	25,317	10.46	265
1950-----	229,341	181,205	61,078	8.71	532
1949-----	229,175	180,895	60,719	7.65	464
1948-----	228,936	180,528	103,490	7.15	739
1947-----	228,810	180,264	380,471	5.76	2,190
1946-----	228,760	179,726	--	--	--
1945-----	228,703	179,381	5	194.00	1
1944-----	228,643	179,101	9	66.02	1
1943-----	228,633	178,508	8,759	4.31	38
1942-----	228,725	178,340	243,522	4.53	1,103
1941-----	228,309	177,653	195,818	4.11	805
1940-----	228,174	176,779	553,077	3.98	2,203
1939-----	228,784	176,494	534,138	4.26	2,275
1938-----	227,280	175,238	800,113	3.39	2,713
1937-----	226,621	174,405	425,637	4.99	2,124
1936-----	197,435	165,979	2,891,040	4.01	11,592
1935-----	188,292	163,310	3,661,848	4.09	14,991
1934-----	188,037	162,591	4,206,817	2.38	10,018
1933-----	186,837	162,009	667,314	1.83	1,221
1932-----	186,215	161,361	83,086	2.48	206
1931-----	185,252	160,788	547,945	3.55	1,944
1930-----	183,976	160,091	538,048	2.73	1,468
1929-----	184,565	159,751	464,177	3.85	1,787
1928-----	184,404	159,481	261,107	7.65	1,996
1927-----	183,938	158,800	135,088	5.37	726
1926-----	184,124	158,759	191,725	3.85	737
1925-----	184,126	158,395	247,067	4.80	1,187
1924-----	182,817	157,503	130,290	3.26	425
1923-----	182,100	157,237	79,923	4.35	348
1922-----	181,800	156,837	242,169	3.31	802
1921-----	181,820	156,666	112,397	4.44	499
1920-----	180,300	156,032	101,428	4.44	451
1919-----	174,261	153,933	103,355	6.35	657
1918-----	175,951	155,375	185,199	5.18	959
1917-----	176,340	155,220	175,463	4.86	853
1916-----	176,089	155,400	54,898	5.76	316
1915-----	184,506	162,773	282,900	5.72	1,618
1914-----	185,321	163,849	391,114	4.96	1,940
1913-----	186,617	165,517	425,717	4.71	2,005
1912-----	187,406	165,027	287,698	5.65	1,627
1911-----	190,608	168,165	--	--	--
1910-----	192,931	168,029	--	--	--
1909-----	194,505	172,230	--	--	--
1908-----	167,977	147,820	--	--	--
1907-----	150,832	132,732	--	--	--
1906-----	106,994	94,159	--	--	--
1905-----	85,693	75,352	--	--	--

¹ Data for all years after 1936 include in addition to lands in national forests, areas in purchase units, experimental areas, land utilization projects, and other areas; and lands in the process of acquisition in these units.

² On January 2, 1954, some 6,910 thousand acres of land utilization project lands were transferred to the Forest Service for administration.

See explanatory notes in appendix.

TABLE 2. --National forests: Volume and value of timber cut, 1905 to 1956

(Volume in millions of board-feet; value in thousands of dollars)

Fiscal year	Total		Commercial sales			Land exchange	
	Volume (1)	Value ² (2)	Timber ¹		Miscellaneous forest products value ² (5)	Volume (6)	Value (7)
			Volume (3)	Value (4)			
1956-----	6,907	97,888	6,813	96,865	268	94	755
1955-----	6,328	71,027	6,225	70,105	266	103	656
1954-----	5,365	65,663	5,180	64,149	255	185	1,259
1953-----	5,161	70,842	4,982	69,727	226	179	889
1952-----	4,418	59,534	4,232	58,275	193	186	1,066
1951-----	4,688	47,995	4,422	46,533	178	266	1,284
1950-----	3,502	30,925	3,195	29,084	211	307	1,630
1949-----	3,740	28,973	3,380	26,928	224	360	1,821
1948-----	3,758	21,199	3,451	19,842	145	307	1,212
1947-----	3,835	16,583	3,472	14,955	183	363	1,445
1946-----	2,730	11,641	2,470	10,494	150	260	997
1945-----	3,145	13,120	2,732	11,682	104	413	1,334
1944-----	3,333	14,305	2,840	12,416	150	493	1,739
1943-----	2,359	8,732	1,864	6,835	60	495	1,837
1942-----	2,205	6,188	1,560	4,523	79	645	1,586
1941-----	2,067	5,824	1,552	4,529	62	515	1,233
1940-----	1,740	4,864	1,371	3,825	57	369	982
1939-----	1,290	3,428	1,017	2,685	52	273	691
1938-----	1,288	3,261	1,075	2,662	52	213	547
1937-----	1,291	3,228	1,097	2,740	39	194	449
1936-----	1,021	2,620	815	2,119	30	206	471
1935-----	752	1,979	668	1,719	41	84	219
1934-----	675	1,636	599	1,397	26	76	213
1933-----	473	1,096	389	838	19	84	239
1932-----	612	1,540	545	1,326	21	67	193
1931-----	1,222	3,365	1,048	2,888	17	174	460
1930-----	1,653	4,812	1,488	4,340	23	165	449
1929-----	1,497	4,360	1,353	3,892	31	144	437
1928-----	1,272	3,520	1,168	3,209	12	104	299
1927-----	1,360	3,853	1,161	3,306	7	3 199	3 540
1926-----	1,193	3,381	1,193	3,371	10	--	--
1925-----	1,022	2,813	1,022	2,808	5	--	--
1924-----	1,144	3,109	1,144	3,095	14	--	--
1923-----	995	2,581	995	2,570	11	--	--
1922-----	723	1,760	723	1,752	8	--	--
1921-----	800	1,904	800	1,896	8	--	--
1920-----	805	1,774	805	1,764	10	--	--
1919-----	705	1,523	705	1,515	8	--	--
1918-----	730	1,527	730	1,527	--	--	--
1917-----	736	1,533	736	1,533	--	--	--
1916-----	595	1,255	595	1,255	--	--	--
1915-----	566	1,179	566	1,179	--	--	--
1914-----	626	1,271	626	1,271	--	--	--
1913-----	496	1,075	496	1,075	--	--	--
1912-----	431	943	431	943	--	--	--
1911-----	375	843	375	843	--	--	--
1910-----	380	906	380	906	--	--	--
1909-----	352	678	352	678	--	--	--
1908-----	393	794	393	794	--	--	--
1907-----	195	338	195	338	--	--	--
1906-----	139	203	139	4 203	--	--	--
1905-----	68	86	68	4 86	--	--	--

¹ Includes all timber sales for which a charge is made.

² Includes materials not measurable in board-feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.

³ Includes land-exchanges figures from beginning of exchange cuttings.

⁴ Estimated.

See explanatory notes in appendix.

TABLE 3. --National forests: Grazing and utilization of recreation resources, 1905 to 1956

Year	Number of livestock permitted to graze ¹		Utilization of recreation resources ²		
	Cattle horses, and swine	Sheep and goats	Total users recreation resources	Utilization of--	
				Improved public recreation areas	Other public recreation resources
(1)	(2)	(3)	(4)	(5)	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousand visits</i>	<i>Thousand visits</i>	<i>Thousand visits</i>
1956-----	1,136	2,739	52,556	24,913	27,643
1955-----	1,148	2,830	45,713	22,192	23,521
1954-----	1,148	2,918	40,304	19,636	20,668
1953-----	1,157	2,969	35,403	17,090	18,313
1952-----	1,141	3,006	33,007	15,802	17,205
1951-----	1,137	3,018	29,950	14,739	15,211
1950-----	1,128	3,013	27,368	12,941	14,427
1949-----	1,194	3,098	26,080	13,209	12,871
1948-----	1,228	3,329	24,011	12,391	11,620
1947-----	1,252	3,409	21,331	10,506	10,825
1946-----	1,297	3,736	18,241	8,763	9,478
1945-----	1,293	3,896	10,074	5,072	5,002
1944-----	1,324	4,288	7,152	3,585	3,567
1943-----	1,344	4,548	6,275	3,412	2,863
1942-----	1,330	4,768	10,407	6,066	4,341
1941-----	1,309	4,800	18,005	10,688	7,317
1940-----	1,314	4,968	16,163	13,053	3,110
1939-----	1,385	5,152	14,332	11,466	2,866
1938-----	1,350	5,323	14,495	10,810	3,685
1937-----	1,360	5,497	11,833	8,810	3,023
1936-----	1,385	5,657	10,781	8,233	2,548
1935-----	1,416	5,701	9,718	7,722	1,996
1934-----	1,486	6,170	8,581	6,953	1,628
1933-----	1,468	6,171	8,166	6,576	1,590
1932-----	1,472	6,330	7,896	6,227	1,669
1931-----	1,448	6,614	8,074	5,959	2,115
1930-----	1,423	6,722	6,911	5,253	1,658
1929-----	1,469	6,977	7,132	4,959	2,173
1928-----	1,485	6,799	6,550	4,783	1,767
1927-----	1,558	6,718	6,137	4,469	1,668
1926-----	1,634	6,514	6,044	4,460	1,584
1925-----	1,700	6,442	5,622	4,217	1,405
1924-----	1,844	6,613	4,660	3,460	1,200
1923-----	1,962	6,726	--	--	--
1922-----	2,093	6,906	--	--	--
1921-----	2,080	6,980	--	--	--
1920-----	2,217	7,881	--	--	--
1919-----	2,234	7,996	--	--	--
1918-----	2,243	8,512	--	--	--
1917-----	2,054	7,636	--	--	--
1916-----	1,861	7,886	--	--	--
1915-----	1,727	7,284	--	--	--
1914-----	1,620	7,619	--	--	--
1913-----	1,557	7,868	--	--	--
1912-----	1,503	7,552	--	--	--
1911-----	1,448	7,449	--	--	--
1910-----	1,498	7,649	--	--	--
1909-----	1,586	7,820	--	--	--
1908-----	1,382	7,087	--	--	--
1907-----	1,200	6,657	--	--	--
1906-----	1,015	5,762	--	--	--
1905-----	692	1,710	--	--	--

¹ Excludes animals under six months of age.

² Figures for 1924-1932 and 1939-1956 are for calendar years; figures for 1933-1938 are for fiscal years.

See explanatory notes in appendix.

TABLE 4. --National forests: Receipts and payments to States and Territories, 1905 to 1958

(Value in thousands of dollars)

Fiscal year	Receipts from national forests				Payments to States and Territories ¹			
	Total receipts ²	Timber use ²	Grazing use	Other use	Total	25 percent fund	Arizona and New Mexico school fund	State of Minnesota
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1956-----	114,793	110,127	2,906	1,760	28,665	28,490	129	46
1955-----	79,521	75,044	2,953	1,524	19,573	19,412	114	46
1954-----	67,220	62,802	3,107	1,311	16,543	16,394	103	46
1953-----	75,369	69,889	4,416	1,064	18,865	18,697	123	45
1952-----	71,404	65,406	5,023	975	17,536	17,359	132	45
1951-----	57,560	52,511	4,166	883	14,126	13,974	107	45
1950-----	34,485	30,269	3,385	831	8,479	8,363	72	44
1949-----	32,038	27,889	3,276	873	7,858	7,753	61	44
1948-----	24,999	21,243	2,898	858	6,069	6,012	57	--
1947-----	18,697	15,745	2,294	658	4,596	4,547	49	--
1946-----	14,123	10,802	2,060	1,261	3,463	3,424	39	--
1945-----	16,274	11,813	2,159	2,302	4,039	4,003	36	--
1944-----	15,866	12,872	2,459	535	4,177	4,139	38	--
1943-----	10,080	7,634	1,973	473	2,503	2,476	27	--
1942-----	7,170	5,100	1,595	475	1,693	1,670	23	--
1941-----	6,630	4,737	1,429	464	1,556	1,533	23	--
1940-----	5,859	3,943	1,463	453	1,455	1,432	23	--
1939-----	4,903	2,857	1,574	472	1,215	1,192	23	--
1938-----	4,671	2,518	1,696	457	1,167	1,136	31	--
1937-----	4,936	2,925	1,580	431	1,242	1,214	28	--
1936-----	4,063	2,203	1,442	418	1,028	996	32	--
1935-----	3,289	1,729	1,151	409	837	816	21	--
1934-----	3,315	1,522	1,359	434	844	821	23	--
1933-----	2,626	783	1,498	345	680	651	29	--
1932-----	2,294	1,049	830	415	589	568	21	--
1931-----	4,993	2,607	1,961	425	1,272	1,241	31	--
1930-----	6,752	4,390	1,943	419	1,719	1,678	41	--
1929-----	6,300	4,109	1,740	451	1,606	1,565	41	--
1928-----	5,442	3,325	1,714	403	1,387	1,351	36	--
1927-----	5,167	3,253	1,531	383	1,311	1,285	26	--
1926-----	5,156	3,367	1,422	367	1,300	1,286	14	--
1925-----	5,000	2,941	1,725	334	1,271	1,243	28	--
1924-----	5,252	3,036	1,916	300	1,347	1,302	45	--
1923-----	5,336	2,722	2,342	272	1,371	1,321	50	--
1922-----	3,422	1,813	1,316	293	882	846	36	--
1921-----	4,152	1,770	2,132	250	1,083	1,023	60	--
1920-----	4,794	2,045	2,486	263	1,253	1,180	73	--
1919-----	4,358	1,535	2,609	214	1,149	1,070	79	--
1918-----	3,575	1,630	1,726	219	946	876	70	--
1917-----	3,457	1,640	1,550	267	911	849	62	--
1916-----	2,824	1,422	1,210	192	737	696	41	--
1915-----	2,481	1,183	1,130	168	649	611	38	--
1914-----	2,438	1,312	1,002	124	640	599	41	--
1913-----	2,392	1,271	999	122	633	587	46	--
1912-----	2,109	1,028	961	120	554	518	36	--
1911-----	1,969	952	928	89	515	485	30	--
1910-----	2,041	1,011	970	60	511	510	1	--
1909-----	1,766	701	1,023	42	442	442	--	--
1908-----	1,788	811	947	30	447	447	--	--
1907-----	1,530	654	857	19	153	153	--	--
1906-----	758	238	513	7	76	76	--	--
1905-----	73	73	--	--	--	--	--	--

¹ Payments made year following collection of receipts.

² Includes receipts from national-forest revested Oregon and California Railroad Grant Lands beginning 1941 and Tongass (Alaska), Suspense Account beginning 1948.

See explanatory notes in appendix.

TABLE 5.--Forest Service expenditures by classes, 1906 to 1957

(Thousands of dollars)

Fiscal year	Total	Protection and administration	Construction and maintenance			Research	Acquisition	Civilian Conservation Corps	Miscellaneous cooperation
			Roads and trails	Forest highways ¹	Other				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1957-----	156,438	53,827	35,194	--	20,468	10,647	409	--	35,893
1956-----	133,134	53,057	31,265	--	14,789	8,931	402	--	24,690
1955-----	114,482	42,622	29,234	--	12,240	7,768	151	--	22,467
1954-----	108,263	42,365	25,534	--	12,095	6,322	106	--	21,841
1953-----	99,577	37,360	24,690	--	10,313	5,752	99	--	21,363
1952-----	91,382	38,063	18,191	--	8,810	5,777	128	--	20,413
1951-----	85,771	35,363	16,492	--	8,144	6,141	335	--	19,296
1950-----	82,392	36,118	15,022	--	6,601	6,135	483	--	18,033
1949-----	78,280	31,802	15,211	--	7,191	6,415	462	--	17,199
1948-----	74,726	31,067	14,012	--	5,748	5,800	699	--	17,400
1947-----	² 79,235	29,936	17,444	--	5,620	6,219	2,124	--	17,634
1946-----	² 58,259	24,990	7,752	--	3,207	4,236	(³)	--	15,402
1945-----	² 53,430	22,211	5,894	--	2,376	4,016	1	--	14,856
1944-----	² 59,867	20,560	6,924	--	2,167	3,952	(³)	--	16,588
1943-----	² 66,271	19,698	5,762	--	2,136	3,593	52	--	14,547
1942-----	² 50,900	19,230	5,889	--	7,561	3,070	1,582	3,411	7,442
1941-----	63,455	17,331	8,494	5,244	13,399	3,213	2,307	7,548	5,919
1940-----	76,404	18,861	9,837	7,661	15,157	3,379	3,491	9,536	8,482
1939-----	74,854	23,614	(⁴)	8,902	19,970	3,196	2,966	10,386	5,820
1938-----	84,399	17,133	(⁴)	9,565	28,732	3,241	7,330	12,632	5,766
1937-----	108,068	17,317	(⁴)	8,516	41,253	3,485	15,353	16,372	5,772
1936-----	117,876	13,458	(⁴)	10,689	44,429	3,300	16,881	23,081	6,038
1935-----	109,523	10,666	(⁴)	12,940	45,260	2,872	9,116	21,450	7,219
1934-----	97,575	7,050	(⁴)	14,654	44,388	1,921	2,826	21,590	5,146
1933-----	30,944	6,693	(⁴)	9,977	9,653	1,552	292	25	2,752
1932-----	37,961	11,261	(⁴)	13,590	7,101	1,660	1,838	--	2,511
1931-----	35,878	9,492	(⁴)	9,917	10,663	1,622	2,165	--	2,019
1930-----	26,903	11,114	(⁴)	5,765	4,855	1,249	2,168	--	1,752
1929-----	24,069	8,566	(⁴)	6,502	5,235	1,116	1,172	--	1,478
1928-----	22,657	7,735	(⁴)	5,816	4,698	1,008	2,131	--	1,269
1927-----	23,512	9,230	(⁴)	6,373	4,885	903	1,126	--	995
1926-----	22,729	7,415	(⁴)	7,496	5,549	835	1,147	--	287
1925-----	23,805	7,758	(⁴)	9,044	4,855	934	937	--	277
1924-----	19,766	5,703	(⁴)	7,942	4,968	763	214	--	176
1923-----	16,667	6,051	(⁴)	4,995	4,844	724	40	--	13
1922-----	13,063	5,921	(⁴)	3,288	3,018	812	15	--	9
1921-----	15,115	6,087	(⁴)	4,211	3,997	781	28	--	11
1920-----	15,256	6,144	(⁴)	4,250	4,035	788	28	--	11
1919-----	8,184	5,194	982	--	1,363	474	39	--	132
1918-----	7,064	4,483	605	--	1,419	409	34	--	114
1917-----	6,028	3,826	659	--	1,067	349	29	--	98
1916-----	5,952	3,875	428	--	1,127	385	39	--	98
1915-----	6,240	4,667	369	--	738	364	17	--	85
1914-----	5,735	3,855	495	--	926	344	24	--	91
1913-----	5,348	3,796	300	--	880	305	17	--	50
1912-----	5,530	3,857	306	--	1,073	294	--	--	--
1911-----	5,920	5,023	62	--	525	310	--	--	--
1910-----	4,695	3,559	188	--	621	327	--	--	--
1909-----	3,913	3,060	152	--	470	231	--	--	--
1908-----	3,447	2,655	163	--	426	203	--	--	--
1907-----	1,820	1,643	9	--	61	107	--	--	--
1906-----	1,190	1,102	--	--	18	70	--	--	--

¹ Amounts spent by Public Roads Administration for Forest Highways not included with Forest Service expenditures after fiscal year 1941.

² Totals include funds spent for the Emergency Rubber Project. Figures are as follows: 1942, \$2,715,000; 1943, \$20,483,000; 1944, \$9,676,000; 1945, \$4,076,000; 1946, \$2,672,000; 1947, \$258,000.

³ Less than 500 dollars.

⁴ Separate data not available, included in "Other".

See explanatory notes in appendix.

TABLE 6. --Forest Service expenditures by classes in 1947-49 dollars, 1906 to 1957

(Thousands of dollars)

Fiscal year	Total	Protection and administration	Construction and maintenance			Research	Acquisition	Civilian Conservation Corps	Miscellaneous cooperation
			Roads and trails	Forest highways ¹	Other				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1957-----	133,026	45,771	29,927	--	17,405	9,054	348	--	30,521
1956-----	116,478	46,419	27,353	--	12,939	7,814	352	--	21,601
1955-----	103,416	38,502	26,408	--	11,057	7,017	137	--	20,295
1954-----	98,153	38,409	23,150	--	10,965	5,732	96	--	19,801
1953-----	90,442	33,933	22,425	--	9,367	5,224	90	--	19,403
1952-----	81,884	34,107	16,300	--	7,894	5,177	115	--	18,291
1951-----	74,713	30,804	14,366	--	7,094	5,349	292	--	16,808
1950-----	79,915	35,032	14,570	--	6,403	5,951	468	--	17,491
1949-----	78,911	32,058	15,333	--	7,249	6,467	466	--	17,338
1948-----	71,577	29,758	13,421	--	5,506	5,556	669	--	16,667
1947-----	² 82,194	31,054	18,095	--	5,830	6,451	2,203	--	18,293
1946-----	² 74,027	31,754	9,850	--	4,075	5,382	(³)	--	19,571
1945-----	² 77,660	32,283	8,567	--	3,454	5,837	2	--	21,593
1944-----	² 88,561	30,414	10,243	--	3,206	5,846	(³)	--	24,538
1943-----	² 98,912	29,400	8,600	--	3,188	5,363	77	--	21,712
1942-----	² 79,283	29,953	9,173	--	11,777	4,782	2,464	5,313	11,592
1941-----	111,717	30,512	14,954	9,232	23,590	5,657	4,062	13,289	10,421
1940-----	149,519	36,910	19,251	14,992	29,661	6,613	6,832	18,661	16,599
1939-----	149,409	47,134	(⁴)	17,768	39,860	6,379	5,920	20,731	11,617
1938-----	165,164	33,528	(⁴)	18,718	56,227	6,343	14,344	24,720	11,284
1937-----	192,635	30,868	(⁴)	15,180	73,535	6,212	27,367	29,184	10,289
1936-----	224,526	25,634	(⁴)	20,360	84,627	6,286	32,154	43,964	11,501
1935-----	210,621	20,511	(⁴)	24,885	87,038	5,523	17,531	41,250	13,883
1934-----	200,359	14,476	(⁴)	30,090	91,146	3,944	5,803	44,333	10,567
1933-----	72,299	15,638	(⁴)	23,311	22,554	3,626	682	58	6,430
1932-----	90,169	26,748	(⁴)	32,280	16,867	3,943	4,366	--	5,965
1931-----	75,692	20,025	(⁴)	20,922	22,496	3,422	4,568	--	4,259
1930-----	47,955	19,811	(⁴)	10,276	8,654	2,226	3,865	--	3,123
1929-----	38,884	13,839	(⁴)	10,504	8,457	1,803	1,893	--	2,388
1928-----	36,021	12,297	(⁴)	9,246	7,469	1,603	3,388	--	2,018
1927-----	37,923	14,887	(⁴)	10,279	7,879	1,457	1,816	--	1,605
1926-----	34,968	11,408	(⁴)	11,532	8,537	1,285	1,765	--	441
1925-----	35,371	11,527	(⁴)	13,438	7,214	1,388	1,392	--	412
1924-----	30,981	8,939	(⁴)	12,448	7,787	1,196	335	--	276
1923-----	25,485	9,252	(⁴)	7,638	7,407	1,107	61	--	20
1922-----	20,801	9,428	(⁴)	5,236	4,806	1,293	24	--	14
1921-----	23,841	9,601	(⁴)	6,642	6,305	1,232	44	--	17
1920-----	15,210	6,125	(⁴)	4,237	4,023	786	28	--	11
1919-----	9,083	5,765	1,090	--	1,513	526	43	--	146
1918-----	8,281	5,256	709	--	1,663	479	40	--	134
1917-----	7,890	5,008	862	--	1,397	457	38	--	128
1916-----	10,705	6,969	770	--	2,027	693	70	--	176
1915-----	13,805	10,325	816	--	1,633	805	38	--	188
1914-----	12,946	8,702	1,117	--	2,090	777	54	--	206
1913-----	11,780	8,361	661	--	1,938	672	38	--	110
1912-----	12,316	8,590	681	--	2,390	655	--	--	--
1911-----	14,028	11,903	147	--	1,244	734	--	--	--
1910-----	10,251	7,771	410	--	1,356	714	--	--	--
1909-----	8,913	6,970	346	--	1,071	526	--	--	--
1908-----	8,428	6,491	399	--	1,042	496	--	--	--
1907-----	4,292	3,875	21	--	144	252	--	--	--
1906-----	2,960	2,741	--	--	45	174	--	--	--

¹ Amounts spent by Public Roads Administration for Forest Highways not included with Forest Service expenditures after fiscal year 1941.

² Totals include funds spent for the Emergency Rubber Project. Figures are as follows: 1942, \$4,229,000; 1943, \$30,572,000; 1944, \$14,314,000; 1945, \$5,924,000; 1946, \$3,395,000; 1947, \$268,000.

³ Less than 500 dollars.

⁴ Separate data not available, included in "Other".

See explanatory notes in appendix.

TABLE 7. --National forests: Number of sportsman-users and trappers, and number and hunter-take of big-game animals, 1921 to 1956

(Thousands)

Year	Sportsman-users			Trappers	Big-game animals ¹	Big-game hunter-take ¹
	Total	Fishermen	Hunters			
	(1)	(2)	(3)	(4)	(5)	(6)
1956-----	13,920	9,570	4,350	11	3,410	541
1955-----	12,342	8,278	4,064	13	3,310	518
1954-----	11,092	7,404	3,688	13	3,170	479
1953-----	9,965	6,803	3,162	20	3,010	452
1952-----	8,916	5,931	2,985	21	2,770	408
1951-----	7,755	5,099	2,656	20	2,810	416
1950-----	7,170	4,885	2,285	25	2,620	358
1949-----	7,161	4,831	2,330	29	2,490	356
1948-----	5,375	3,575	1,800	51	2,470	318
1947-----	4,944	3,446	1,498	58	2,402	275
1946-----	4,216	2,921	1,295	68	2,360	265
1945-----	2,939	1,922	1,017	--	2,326	213
1944-----	2,290	1,450	840	--	2,299	153
1943-----	2,177	1,455	722	--	2,261	228
1942-----	2,629	1,769	860	--	2,326	236
1941-----	3,540	2,500	1,040	--	2,134	216
1940-----	3,647	2,635	1,012	--	2,099	216
1939-----	--	--	--	--	1,911	176
1938-----	--	--	--	--	1,841	163
1937-----	--	--	--	--	1,741	114
1936-----	--	--	--	--	1,684	123
1935-----	--	--	--	--	1,524	--
1934-----	--	--	--	--	1,274	--
1933-----	--	--	--	--	1,169	--
1932-----	--	--	--	--	1,171	--
1931-----	--	--	--	--	1,176	--
1930-----	--	--	--	--	1,073	--
1929-----	--	--	--	--	988	--
1928-----	--	--	--	--	930	--
1927-----	--	--	--	--	877	--
1926-----	--	--	--	--	853	--
1925-----	--	--	--	--	773	--
1924-----	--	--	--	--	693	--
1923-----	--	--	--	--	605	--
1922-----	--	--	--	--	518	--
1921-----	--	--	--	--	535	--

¹ Includes deer, elk, antelope, bear, moose, mountain goat, bighorn, peccary, and wild boar.

See explanatory notes in appendix.

TABLE 8.--Forest fires: Number and area burned over, 1926 to 1956

Year	Total		Protected area				Unprotected area	
			Federal lands		State and private lands		State and private lands	
	Fires (1)	Area burned over (2)	Fires (3)	Area burned over (4)	Fires (5)	Area burned over (6)	Fires (7)	Area burned over (8)
	<i>Number</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>
1956-----	143,485	6,606	11,341	372	82,997	1,613	49,147	4,621
1955-----	145,180	¹ 8,069	6,830	364	80,774	2,448	57,576	4,976
1954-----	¹ 176,891	¹ 8,833	8,592	176	118,681	2,787	49,614	5,830
1953-----	154,160	9,976	10,149	318	94,446	2,534	49,565	7,124
1952-----	188,277	14,187	9,634	281	118,363	6,347	60,280	7,559
1951-----	164,090	10,781	8,638	471	97,230	3,055	58,222	7,255
1950-----	¹ 208,402	15,519	8,418	391	96,578	3,408	103,404	11,720
1949-----	193,774	15,397	9,592	317	78,649	2,320	105,533	12,760
1948-----	174,189	16,557	6,681	312	61,095	1,962	106,413	14,283
1947-----	200,799	23,226	8,928	318	71,442	2,814	120,429	20,094
1946-----	172,278	20,691	9,670	321	66,103	2,253	96,505	18,117
1945-----	124,728	17,681	8,539	445	48,176	2,456	68,013	14,780
1944-----	131,229	16,549	8,985	375	56,148	2,301	66,096	13,873
1943-----	210,326	32,333	9,892	702	78,815	3,860	121,619	27,771
1942-----	¹ 208,218	31,854	9,940	576	75,849	3,863	122,428	27,415
1941-----	199,702	26,405	10,002	437	80,994	3,138	108,706	22,830
1940-----	195,427	25,848	14,076	482	73,527	2,934	107,824	22,432
1939-----	212,671	30,449	12,356	523	85,677	3,266	114,638	26,660
1938-----	232,229	33,815	9,873	316	76,326	2,623	146,030	30,876
1937-----	185,209	21,981	9,468	90	54,292	1,254	121,449	20,637
1936-----	226,285	43,207	11,144	425	73,709	3,792	141,432	38,990
1935-----	140,297	30,335	7,962	228	54,592	2,311	77,743	27,796
1934-----	162,663	41,821	8,064	658	61,254	3,515	93,345	37,648
1933-----	140,722	43,890	4,517	380	48,770	3,343	87,435	40,167
1932-----	166,399	42,063	4,933	419	55,567	3,234	105,899	38,410
1931-----	187,214	51,607	5,715	551	56,459	5,856	125,040	45,200
1930-----	190,980	52,266	(²)	(²)	70,832	5,809	120,148	46,457
1929-----	134,895	46,230	(²)	(²)	44,076	4,876	90,819	41,354
1928-----	175,934	43,542	(²)	(²)	39,260	4,111	136,674	39,431
1927-----	158,438	38,531	(²)	(²)	35,300	2,784	123,138	35,747
1926-----	91,793	24,316	(²)	(²)	33,867	4,755	57,926	19,561

¹ Includes unprotected Federal land statistics:

Year	Fires	M acres burned
1955	--	281
1954	4	40
1950	2	--
1942	1	--

² Included in State and private lands, protected area.

See explanatory notes in appendix.

TABLE 9. --Forest fires: Number of fires by cause, 1921 to 1956¹.

Year	Total	Lightning	Railroads	Campers	Smokers	Debris burning	Incendiary	Lumbering	Miscellaneous	Unknown
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1956-----	94,334	11,459	2,892	4,235	16,639	21,436	24,015	2,513	11,145	--
1955-----	87,597	6,261	2,582	3,889	15,868	20,333	25,773	2,491	10,400	--
1954-----	127,270	7,780	2,872	4,875	23,329	30,317	40,520	2,928	14,649	--
1953-----	104,588	8,528	2,619	5,139	20,693	22,536	30,186	2,309	12,578	--
1952-----	127,994	8,012	3,611	5,667	25,664	25,816	42,440	3,074	13,710	--
1951-----	105,863	7,029	3,250	3,401	18,390	19,588	39,396	2,771	12,038	--
1950-----	104,988	6,491	3,850	3,748	18,255	18,745	40,122	1,837	11,940	--
1949-----	88,233	8,235	3,805	4,163	17,442	16,465	26,726	1,468	9,929	--
1948-----	67,775	4,392	4,525	3,064	14,987	11,101	20,047	1,840	7,819	--
1947-----	80,367	6,421	4,818	3,341	17,805	12,299	23,693	1,562	10,428	--
1946-----	75,770	6,640	5,036	3,355	18,115	11,718	19,365	1,253	10,288	--
1945-----	56,687	6,713	4,307	1,864	12,566	7,624	15,376	936	7,301	--
1944-----	65,077	7,079	4,840	2,743	15,346	9,574	14,200	1,300	9,995	--
1943-----	88,684	6,419	7,108	3,909	19,735	13,460	23,648	1,558	8,409	4,438
1942-----	85,781	6,707	5,020	3,398	18,244	13,943	26,571	1,386	6,750	3,762
1941-----	90,984	7,817	4,745	4,801	22,445	14,486	23,773	1,677	6,094	5,146
1940-----	87,592	10,913	3,329	4,956	21,062	13,304	22,700	1,403	7,176	2,749
1939-----	98,013	9,129	4,072	8,932	24,758	13,631	22,635	1,867	8,963	4,026
1938-----	86,194	7,445	3,214	5,153	25,049	11,141	22,619	1,405	6,540	3,628
1937-----	63,760	7,244	2,822	3,435	15,666	9,563	13,718	1,356	4,964	4,992
1936-----	84,849	6,915	3,852	4,513	20,235	12,203	22,654	1,778	7,157	5,542
1935-----	62,542	5,317	2,599	4,222	14,987	7,381	16,461	1,200	5,825	4,550
1934-----	69,310	6,229	3,070	4,595	15,804	9,629	17,515	902	5,926	5,640
1933-----	53,271	3,347	2,182	4,098	14,704	6,852	12,097	801	5,923	3,267
1932-----	60,494	3,399	2,383	4,968	15,534	7,582	16,409	583	5,337	4,299
1931-----	62,161	3,784	2,966	5,284	14,572	7,452	15,472	1,082	6,255	5,294
1930-----	70,832	5,217	4,625	5,011	17,460	9,180	14,394	1,626	6,987	6,332
1929-----	44,076	4,312	3,652	3,837	9,507	5,337	7,930	1,839	4,165	3,497
1928-----	39,260	3,753	3,578	3,643	7,703	5,057	7,200	1,589	3,540	3,197
1927-----	35,300	3,903	3,732	2,645	6,747	4,349	5,379	2,183	2,946	3,416
1926-----	33,867	4,121	4,642	2,496	5,625	4,075	3,272	1,531	2,903	5,202
1925-----	85,762	6,847	8,672	6,069	9,805	13,889	17,174	4,755	7,221	11,330
1924-----	91,921	5,436	8,431	7,954	12,854	15,881	20,845	5,385	7,058	8,077
1923-----	78,829	3,605	8,666	6,519	7,625	14,077	20,496	4,904	7,030	5,907
1922-----	51,891	3,933	7,139	5,272	5,694	7,492	10,201	2,694	4,074	5,392
1921-----	38,435	2,188	5,515	7,638	--	4,358	5,336	1,826	2,804	8,770

¹ Includes only those fires on protected forest land in the United States.

See explanatory notes in appendix.

TABLE 10. --Forest fires: Expenditures for control on State and private lands, by source of funds, 1912 to 1956

(Thousands of dollars)

Fiscal year	Expenditures ¹			
	Total (1)	Federal ² (2)	State (3)	Private (4)
1956-----	42,393	9,485	30,637	2,271
1955-----	39,216	8,945	28,168	2,103
1954-----	39,435	8,934	28,395	2,106
1953-----	37,716	8,946	26,460	2,310
1952-----	35,597	8,960	23,734	2,903
1951-----	33,160	8,996	21,885	2,279
1950-----	28,934	8,551	18,121	2,262
1949-----	27,875	8,572	17,201	2,102
1948-----	23,500	8,605	12,831	2,064
1947-----	19,603	7,890	9,477	2,236
1946-----	16,635	6,749	7,497	2,389
1945-----	13,673	4,998	6,562	2,113
1944-----	11,860	3,771	6,350	1,739
1943-----	8,985	2,268	5,407	1,310
1942-----	10,107	2,182	6,012	1,913
1941-----	9,278	1,979	5,087	2,212
1940-----	9,188	1,988	5,155	2,045
1939-----	8,410	1,793	4,725	1,892
1938-----	6,911	1,463	4,014	1,434
1937-----	6,852	1,472	4,152	1,228
1936-----	5,222	1,427	2,671	1,124
1935-----	5,588	1,457	2,936	1,195
1934-----	5,263	1,468	2,966	829
1933-----	4,594	1,452	2,493	649
1932-----	5,943	1,573	3,276	1,094
1931-----	6,548	1,537	3,910	1,101
1930-----	5,370	1,252	2,886	1,232
1929-----	4,111	1,069	2,119	923
1928-----	3,941	868	2,075	998
1927-----	3,144	607	1,853	684
1926-----	2,460	585	1,611	264
1925-----	2,205	361	1,844	--
1924-----	1,837	364	1,473	--
1923-----	2,194	368	1,826	--
1922-----	2,270	373	1,897	--
1921-----	1,174	108	1,066	--
1920-----	945	85	860	--
1919-----	718	93	625	--
1918-----	666	92	574	--
1917-----	521	86	435	--
1916-----	492	85	407	--
1915-----	984	³ 69	³ 915	--
1914-----	797	³ 82	³ 715	--
1913-----	692	³ 67	³ 625	--
1912-----	288	³ 51	³ 237	--

¹ Excludes emergency funds.

² Excludes administration and inspection costs.

³ Calendar year data.

See explanatory notes in appendix.

TABLE 11. --Forest pests: Pest control accomplishments, 1906 to 1957

(Thousands)

Year	Blister rust control			Other pests					
	Total	Federal	Non-Federal	Defoliators and miscellaneous insects			Bark beetles		
				Total	Federal	Non-Federal	Total	Federal	Non-Federal
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Acres treated</i>	<i>Acres treated</i>	<i>Acres treated</i>	<i>Acres sprayed</i>	<i>Acres sprayed</i>	<i>Acres sprayed</i>	<i>Trees treated</i>	<i>Trees treated</i>	<i>Trees treated</i>	
1957-----	617	167	450	1,523	1,414	109	326	312	14
1956-----	643	127	516	1,634	1,466	168	319	305	14
1955-----	827	165	662	2,801	933	1,868	536	531	5
1954-----	853	165	688	83	83	--	207	207	--
1953-----	1,160	179	981	529	529	--	286	286	--
1952-----	1,306	207	1,099	699	699	--	268	268	--
1951-----	1,252	222	1,030	(¹)	(¹)	--	231	231	--
1950-----	1,390	261	1,129	966	966	--	842	842	--
1949-----	1,443	271	1,172	276	276	--	98	98	--
1948-----	1,679	319	1,360	8	8	--	161	161	--
1947-----	1,835	514	1,321	--	--	--	68	68	--
1946-----	1,614	305	1,309	--	--	--	--	--	--
1945-----	1,019	245	774	--	--	--	--	--	--
1944-----	671	115	556	--	--	--	--	--	--
1906-1943-----	32,741	4,678	28,063	--	--	--	--	--	--

¹ Less than 500 acres.

See explanatory notes in appendix.

TABLE 12. --Farm forestry: Cooperative forest management accomplishments and expenditures, 1940 to 1957

(Thousands)

Fiscal year	Accomplishments		Expenditures		
	Woodland owners assisted	Woodland involved	Total	Federal contribution	State expenditures
	(1)	(2)	(3)	(4)	(5)
	<i>Number</i>	<i>Acres</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1957-----	44	3,086	2,369	866	1,503
1956-----	38	3,125	2,004	572	1,432
1955-----	35	2,914	1,919	533	1,386
1954-----	32	2,558	1,765	537	1,228
1953-----	32	2,828	1,717	541	1,176
1952-----	28	2,501	1,523	537	986
1951-----	25	2,558	1,435	549	886
1950-----	23	2,543	1,266	539	727
1949-----	17	1,769	923	349	574
1948-----	14	1,400	820	353	467
1947-----	14	1,577	794	345	449
1946-----	12	1,322	685	316	369
1945-----	8	831	431	200	231
1944-----	9	743	400	188	212
1943-----	3	359	213	101	112
1942-----	(1)	92	38	18	20
1941-----	(1)	2 49	32	15	17
1940-----	(1)		13	5	8

¹ Less than 500 woodland owners assisted.

² 1940 and 1941 accomplishments combined.

See explanatory notes in appendix.

TABLE 13. --Forest planting: Number of seedlings and cost of forest planting stock distributed, 1926 to 1956

(Clarke-McNary Act, section 4 program)

Fiscal year	Trees distributed ¹	Costs			
		Total	Federal contribution ^{2 3}	State	
				Appropriations	Receipts ⁴
(1)	(2)	(3)	(4)	(5)	
	<i>Thousands</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>
1956-----	560,456	4,770	429	1,852	2,489
1955-----	496,571	3,929	372	1,557	2,000
1954-----	465,639	4,029	383	1,631	2,015
1953-----	434,982	3,988	386	2,071	1,531
1952-----	299,665	3,658	376	2,094	1,188
1951-----	291,875	3,021	377	1,561	1,083
1950-----	136,395	1,503	189	759	555
1949-----	102,903	1,406	113	1,293	
1948-----	77,324	1,178	113	1,065	
1947-----	42,347	886	117	769	
1946-----	43,588	637	113	524	
1945-----	37,743	572	114	458	
1944-----	37,980	463	119	344	
1943-----	46,350	448	115	333	
1942-----	74,219	527	115	412	
1941-----	97,650	526	113	413	
1940-----	87,468	482	98	384	
1939-----	64,213	398	97	301	
1938-----	55,360	365	70	295	
1937-----	41,698	321	70	251	
1936-----	35,648	251	55	196	
1935-----	26,150	206	55	151	
1934-----	20,208	199	53	146	
1933-----	21,970	273	77	196	
1932-----	23,497	298	94	204	
1931-----	25,510	339	91	248	
1930-----	25,836	403	81	322	
1929-----	25,243	370	75	295	
1928-----	28,757	377	75	302	
1927-----	27,866	313	71	242	
1926-----	22,610	268	45	223	

¹ Calendar year data.

² Under the Clarke-McNary Act of June 7, 1924, as amended.

³ Payments directly to States. Does not include Federal administrative costs or reversions to U. S. Treasury.

⁴ Receipts from the sale of trees produced in State nurseries.

See explanatory notes in appendix.

TABLE 14. --Timber products: Production, imports, exports, and new supply of lumber in the United States, specified years, 1799 to 1956

Year	Production ¹			Imports				Exports				New supply	Per capita use
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Mixed	Total	Softwoods	Hardwoods	Mixed		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Million bd.-ft.	Million bd.-ft.	Million bd.-ft.	Million bd.-ft.	Million bd.-ft.	Million bd.-ft.	Million bd.-ft.	Million bd.-ft.	Million bd.-ft.	Million bd.-ft.	Million bd.-ft.	Million bd.-ft.	Board- feet
1956-----	--	--	--	3,441	3,165	273	3	762	545	140	77	--	--
*1955-----	37,380	29,815	7,565	3,599	3,327	266	6	844	652	189	3	40,332	244
*1954-----	36,356	29,282	7,074	3,066	2,855	208	3	723	585	133	5	38,851	239
*1953-----	36,742	29,562	7,180	2,771	2,527	233	11	644	513	130	1	38,060	239
*1952-----	37,462	30,234	7,228	2,487	2,267	215	5	735	566	162	7	39,618	252
*1951-----	37,204	29,493	7,711	2,517	2,260	248	9	998	876	122	0	37,952	245
*1950-----	38,007	30,633	7,374	3,432	3,140	283	9	517	407	110	0	40,722	268
*1949-----	32,176	26,472	5,704	1,574	1,425	137	12	667	534	133	0	34,402	231
1948-----	37,000	29,600	7,400	1,880	1,652	217	11	647	462	88	97	36,331	248
*1947-----	35,404	27,937	7,467	1,311	1,092	214	5	1,352	972	186	194	33,863	235
*1946-----	34,112	25,856	8,256	1,239	1,020	206	13	649	518	98	33	33,498	237
*1945-----	28,122	21,140	6,982	1,063	882	164	17	435	289	117	29	30,595	219
*1944-----	32,938	25,160	7,778	1,000	819	159	22	360	235	96	29	34,630	250
*1943-----	34,289	26,917	7,372	856	704	135	17	310	201	77	32	38,735	284
*1942-----	36,332	29,510	6,822	1,540	1,396	114	30	463	285	96	82	43,873	325
1941-----	36,538	29,867	6,671	1,361	1,183	167	11	693	509	146	38	36,228	271
1940-----	31,159	25,622	5,537	740	607	117	16	972	748	168	56	34,307	260
1939-----	28,755	23,291	5,464	718	605	102	11	1,104	828	254	22	28,409	217
1938-----	24,825	19,955	4,870	530	459	70	1	977	709	266	2	23,648	182
1937-----	29,004	23,148	5,856	688	573	114	1	1,443	1,056	384	3	25,844	201
1936-----	27,626	22,025	5,601	662	570	92	0	1,284	947	335	2	25,699	201
1935-----	22,944	18,196	4,748	438	380	58	0	1,313	1,003	307	3	23,349	181
1934-----	18,826	14,618	4,208	287	244	22	21	1,349	1,063	284	2	17,764	141
1933-----	17,151	13,786	3,365	359	309	27	23	1,281	986	294	1	16,229	130
1932-----	13,524	10,802	2,722	381	352	15	14	1,156	911	241	4	12,749	102
1931-----	19,997	15,886	4,111	749	702	25	22	1,701	1,353	334	14	19,045	153
1930-----	29,358	23,228	6,130	1,219	1,148	40	31	2,352	1,912	417	23	28,225	229
1929-----	38,745	30,836	7,909	1,543	1,419	124	0	3,197	2,698	480	19	37,091	305
1928-----	36,750	29,852	6,898	1,468	1,372	96	0	3,244	2,739	484	21	34,974	290
1927-----	37,250	29,975	7,275	1,745	1,634	111	0	3,063	2,609	418	36	35,932	302
1926-----	39,750	32,078	7,672	1,899	1,776	123	0	2,826	2,424	361	41	38,823	330
1925-----	41,000	33,284	7,716	1,846	1,735	111	0	2,612	2,194	373	45	40,234	347
1924-----	39,500	31,549	7,951	1,743	1,657	86	0	2,748	2,320	346	82	38,495	337
1923-----	41,000	33,220	7,780	1,971	1,868	103	0	2,466	2,081	316	69	40,505	362
1922-----	35,250	28,922	6,328	1,564	1,530	24	1,010	1,953	1,632	250	71	34,861	317
1921-----	29,000	23,444	5,556	839	--	9	830	1,338	1,192	146	0	28,501	263
1920-----	35,000	27,610	7,390	1,351	--	12	1,339	1,712	1,496	216	0	34,639	326
*1919-----	34,552	27,407	7,145	1,149	--	5	1,144	1,486	1,112	374	0	34,215	325
1918-----	31,890	25,667	6,223	1,209	--	3	1,206	1,093	903	190	0	32,006	306
1917-----	35,831	29,174	6,657	1,204	--	--	--	1,169	969	137	63	35,866	347
1916-----	39,807	31,332	8,475	1,227	--	--	--	1,285	1,095	94	96	39,749	390
1915-----	37,012	29,485	7,527	1,060	--	--	--	1,300	1,056	159	85	36,772	366
1914-----	40,500	31,481	9,019	919	--	--	--	2,095	1,707	237	151	39,324	397
1913-----	44,000	34,065	9,935	970	--	--	--	3,031	2,441	384	206	41,939	431
1912-----	45,000	34,695	10,305	1,026	--	--	--	2,913	2,239	355	319	43,113	452
1911-----	43,000	33,020	9,980	840	--	--	--	2,703	999	154	1,550	41,137	438
1910-----	44,500	34,029	10,471	950	--	--	--	2,342	--	--	--	43,108	468
*1909-----	44,510	33,897	10,613	991	--	--	--	1,970	--	--	--	43,531	481
1908-----	42,000	31,945	10,055	769	--	--	--	1,809	--	--	--	40,960	462
1907-----	46,000	34,946	11,054	907	--	--	--	2,270	--	--	--	44,637	513
1906-----	46,000	34,900	11,100	1,009	--	--	--	2,087	--	--	--	44,922	526
1905-----	43,500	32,960	10,540	801	--	--	--	1,782	--	--	--	42,519	507
1904-----	43,000	32,538	10,462	631	--	--	--	1,958	--	--	--	41,673	507
1903-----	--	--	--	649	--	--	--	1,893	--	--	--	--	--
1902-----	--	--	--	737	--	--	--	1,441	--	--	--	--	--
1901-----	--	--	--	587	--	--	--	1,543	--	--	--	--	--
1900-----	--	--	--	525	--	--	--	1,662	--	--	--	--	--
*1899-----	35,078	26,372	8,706	674	--	--	--	1,489	--	--	--	34,263	458
*1889-----	27,039	20,025	7,014	--	--	--	--	--	--	--	--	--	--
*1879-----	18,125	13,334	4,791	--	--	--	--	--	--	--	--	--	--
*1869-----	12,756	9,253	3,503	--	--	--	--	--	--	--	--	--	--
1859-----	8,029	5,802	2,227	--	--	--	--	--	--	--	--	--	--
1849-----	5,392	4,075	1,317	--	--	--	--	--	--	--	--	--	--
1839-----	1,604	1,275	329	--	--	--	--	--	--	--	--	--	--
1829-----	850	702	148	--	--	--	--	--	--	--	--	--	--
1819-----	550	469	81	--	--	--	--	--	--	--	--	--	--
1809-----	400	344	56	--	--	--	--	--	--	--	--	--	--
1799-----	300	263	37	--	--	--	--	--	--	--	--	--	--

¹ As estimated by the Forest Service except years preceded by an asterisk, for which data are those published by the Bureau of the Census.

See explanatory notes in appendix.

(Dashes or dots in column means "Data not available" and are used in many other tables in series.)

TABLE 15.--Timber products: Lumber production¹ by regions, specified years, 1869 to 1954

(Millions of board-feet)

Year	Total ²	New England	Middle Atlantic	Lake	Central	South Atlantic	South	Rocky Mountain	West Coast
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
*1954	36,356	991	1,154	865	2,277	3,775	7,314	2,960	17,020
*1953	36,742		2,334	1,115	2,111	3,858	7,416	2,624	17,284
*1952	37,462		2,244	1,279	2,033	3,986	8,300	2,498	17,222
*1951	37,204		2,368	963	2,190	4,363	8,429	2,265	16,626
1950	38,007	1,073	1,030	1,065	2,396	4,502	9,383	2,449	16,108
1949	32,176	949	951	864	2,009	3,568	7,358	2,038	14,439
1948	37,000								
*1947	35,404	1,141	1,183	1,310	2,460	3,577	9,397	2,120	14,216
*1946	34,112	1,147	1,016	1,117	2,567	3,832	10,033	1,969	12,432
1945	28,122	967	917	923	2,321	2,936	7,940	1,596	10,522
*1944	32,938	1,087	986	1,228	2,875	3,560	8,207	1,854	13,141
*1943	34,289	939	902	994	2,851	3,679	9,896	1,783	13,244
*1942	36,332	1,035	860	1,247	2,690	3,989	10,886	1,841	13,786
1941	36,538	1,087	934	1,226	2,935	4,118	10,566	1,754	13,918
1940	31,159	930	798	1,015	2,507	3,285	9,393	1,533	11,698
1939	28,755	1,064	811	954	2,460	3,006	8,389	1,378	10,693
1938	24,825	805	715	680	1,910	3,040	7,645	1,229	8,601
1937	29,004	873	795	1,150	2,190	2,980	8,555	1,621	10,840
1936	27,626	848	750	1,110	2,155	2,760	8,265	1,441	10,297
1935	22,944	772	647	970	1,870	2,460	7,085	1,186	7,953
1934	18,826	721	591	740	1,710	2,150	5,540	916	6,459
1933	17,151	526	489	500	1,280	2,110	5,395	704	6,147
1932	13,524	499	473	430	1,120	1,760	4,125	572	4,545
1931	19,997	609	605	910	1,510	2,110	5,860	900	7,494
1930	29,358	836	720	1,500	2,030	2,800	9,280	1,522	10,670
1929	38,745	887	850	1,900	2,720	3,360	12,975	1,904	14,149
1928	36,750	765	497	1,859	2,454	3,166	12,448	1,844	13,717
1927	37,250	722	585	1,862	2,678	3,251	12,876	1,795	13,482
1926	39,750	834	675	2,127	2,885	3,476	13,739	1,725	14,289
1925	41,000	907	717	2,524	2,777	3,523	15,212	1,971	13,368
1924	39,500	1,050	773	2,447	3,066	3,635	14,748	1,758	12,024
1923	41,000	1,090	854	2,507	3,095	3,992	14,767	1,868	12,825
1922	35,250	959	836	2,052	2,729	3,417	13,169	1,474	10,613
1921	29,000	1,133	864	1,839	2,172	2,784	12,015	979	7,215
1920	35,000	1,206	1,105	2,414	3,044	3,218	11,914	1,744	10,355
*1919	34,552	1,418	1,166	2,692	3,038	3,374	12,704	1,342	8,818
1918	31,890	1,412	962	3,220	2,513	2,640	11,135	1,419	8,590
1917	35,831	1,462	1,026	3,525	2,683	3,265	13,900	1,400	8,571
1916	39,807	1,823	1,292	4,050	3,336	4,292	15,325	1,553	8,136
1915	37,012	2,115	1,660	3,410	3,705	4,390	13,590	1,372	6,770
*1914	37,346	1,966	1,587	3,918	3,634	4,417	13,384	1,359	7,082
*1913	38,387	1,672	1,425	3,866	3,953	3,983	14,329	1,266	7,892
*1912	39,158	1,981	1,732	4,424	4,387	4,580	13,538	1,277	7,239
*1911	37,003	1,863	1,771	4,714	4,298	3,743	12,222	1,304	7,087
1910	40,018	1,969	1,985	5,030	4,752	4,184	13,249	1,402	7,448
1909	44,510	2,668	2,529	5,476	5,625	5,177	14,796	1,323	6,916
1908	33,224	2,393	2,229	4,378	4,098	2,896	10,711	1,130	5,390
1907	40,256	2,769	2,888	5,492	5,073	3,684	12,342	1,244	6,764
1906	37,551	2,458	2,732	6,220	3,972	2,853	10,996	1,062	7,259
1905	30,503	1,690	2,341	6,189	2,974	2,262	8,238	567	6,241
1904	34,127	2,040	2,562	6,572	4,254	2,878	10,499	761	4,562
1899	35,078	2,204	3,506	8,750	6,011	2,712	8,404	588	2,901
1889	27,039	1,717	3,679	9,970	4,130	1,207	3,875	310	2,151
1879	18,125	1,481	3,189	6,284	3,823	746	1,755	183	664
1869	12,756	1,401	3,157	3,592	2,698	364	923	63	558

¹ As estimated by the Forest Service except years preceded by an asterisk, for which data are those published by the Bureau of the Census.

² Columns do not add to total because of rounding.

See explanatory notes in appendix.

TABLE 16. --Timber products: Lumber production by principal species, specified years, 1889 to 1954¹

(Millions of board-feet)

Year	Reported total production	Reported softwoods								Reported hardwoods					
		Total	Douglas-fir	Southern pine	Western pine ²	Hemlock	Redwood	Eastern white pine	Other softwoods	Total	Oak	Yellow poplar	Sweet-gum	Maple	Cottonwood and aspen
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1954-----	36,356	29,282	10,328	7,332	4,544	1,337	958	1,036	3,746	7,074	3,451	592	522	575	280
1953-----	36,742	29,562	10,367	7,581	4,506	1,441	969	1,064	3,634	7,180	3,339	709	530	551	1,653
1952-----	37,462	30,234	10,569	8,572	4,142	1,525	900	976	3,550	7,228	3,353	671	567	566	1,667
1951-----	37,204	29,493	10,372	8,495	(³)	1,502	860	(⁴)	8,264	7,711	3,590	753	792	584	1,751
1950-----	38,007	30,633	9,984	9,939	4,632	1,508	875	950	2,745	7,374	3,347	833	758	546	225
1949-----	32,176	26,472	9,074	8,259	4,491	1,177	744	820	1,907	5,704	2,518	556	515	508	1,665
1948 ⁵ -----	37,000	29,600	9,794	--	4,926	--	793	--	--	7,400	--	--	--	--	1,390
1947-----	35,404	27,937	9,043	9,473	4,534	1,244	530	1,119	1,995	7,467	3,193	636	803	630	381
1946-----	34,112	25,857	7,640	9,376	4,314	1,216	243	1,165	1,903	8,256	3,378	827	1,080	598	1,824
1945-----	28,122	21,140	6,237	7,210	3,596	1,039	444	1,023	1,589	6,982	2,859	578	971	522	209
1944 ⁷ -----	32,938	25,160	7,864	8,132	4,465	1,201	462	1,244	1,792	7,778	3,292	641	1,017	634	1,759
1943-----	34,289	26,917	7,951	9,962	4,568	1,213	461	1,045	1,718	7,371	3,038	589	1,044	581	1,898
1942-----	36,332	29,510	8,550	11,761	4,830	1,089	462	1,083	1,736	8,822	2,763	543	840	642	1,875
1941-----	33,613	28,032	8,532	10,339	5,196	1,005	456	916	1,589	5,581	2,208	433	589	619	1,753
1940-----	28,934	24,903	7,121	10,163	4,571	716	389	577	1,366	4,031	1,467	376	479	463	1,092
1939-----	25,348	21,408	6,494	7,749	4,214	665	345	514	1,261	6,374	1,432	276	383	445	154
1938-----	21,646	18,293	5,216	7,196	3,474	578	317	408	1,104	3,353	1,204	221	454	389	130
1937-----	25,997	21,589	6,555	7,691	4,264	862	436	442	1,331	4,408	1,582	295	578	525	146
1936-----	24,355	20,242	6,321	7,113	3,861	813	403	449	1,290	4,113	1,535	260	606	490	1,278
1935-----	19,539	16,248	4,772	5,960	3,209	578	329	383	1,016	3,291	1,195	182	482	404	98
1934-----	15,494	12,735	4,066	4,473	2,304	478	282	388	745	2,758	1,083	163	393	311	700
1933-----	13,961	11,899	3,969	4,446	2,082	416	164	236	586	2,062	698	111	386	221	108
1932-----	10,151	8,746	2,904	3,069	1,590	337	136	198	512	1,406	516	86	202	160	49
1931-----	16,523	13,852	4,648	4,300	2,364	960	211	305	933	2,671	954	172	343	328	392
1930-----	26,051	21,323	6,453	7,450	3,375	1,517	403	564	1,560	4,729	1,662	258	694	601	158
1929-----	36,886	29,813	8,689	11,630	4,207	2,099	486	709	1,994	7,073	2,574	436	1,104	824	165
1928-----	34,142	28,345	8,449	9,837	2,222	487	808	938	1,902	5,797	1,830	328	968	743	144
1927-----	34,532	28,443	8,443	10,891	3,614	2,071	570	824	2,029	6,090	2,013	335	1,101	774	104
1926-----	36,936	30,469	8,807	11,752	3,964	2,159	488	911	2,390	6,467	2,191	322	1,133	829	122
1925-----	38,339	31,710	8,154	13,236	3,949	2,140	511	1,031	2,690	6,628	2,129	376	1,101	922	142
1924-----	35,931	29,406	7,462	12,487	3,347	1,879	604	1,056	2,571	6,525	2,077	351	1,071	857	167
1923-----	37,166	30,904	8,223	12,949	3,511	1,873	592	1,109	2,647	6,262	2,028	353	1,016	842	158
1922-----	31,569	26,644	6,832	11,501	2,700	1,535	566	972	2,540	4,925	1,605	274	808	640	114
1921-----	26,961	22,186	4,642	10,960	1,853	1,201	468	998	2,064	4,775	1,592	235	683	610	122
1920-----	29,878	24,254	6,957	8,964	2,785	1,685	476	1,039	2,347	5,624	1,854	270	685	768	138
1919-----	34,552	27,407	5,902	13,063	2,203	1,755	410	1,425	2,648	7,145	2,708	329	851	857	144
1918-----	29,362	24,100	5,819	9,942	2,113	1,696	443	1,687	2,398	5,262	1,659	242	652	697	148
1917-----	33,193	27,130	5,351	12,483	2,267	1,968	487	1,794	2,779	6,063	1,968	326	731	802	179
1916-----	34,791	28,576	5,413	13,411	2,262	1,987	491	1,952	3,061	6,215	2,165	395	652	809	135
1915-----	31,242	25,441	4,122	12,177	1,810	2,026	419	1,872	3,015	5,801	2,070	377	478	771	138
1914-----	37,346	29,407	4,764	14,473	1,808	2,166	535	2,307	3,355	7,939	3,279	519	675	910	195
1913-----	38,387	30,303	5,556	14,839	1,768	2,320	510	2,229	3,080	8,084	3,212	620	773	901	209
1912-----	39,158	30,526	5,175	14,737	1,737	2,427	497	2,775	3,179	8,632	3,319	623	694	1,021	227
1911-----	37,003	28,902	5,054	12,897	1,808	2,555	490	2,904	3,194	8,101	3,098	659	583	952	199
1910-----	40,018	31,161	5,204	14,143	1,940	2,836	543	3,104	3,390	8,857	3,522	735	610	1,007	220
1909-----	44,510	33,897	4,856	16,277	1,826	3,051	522	3,695	3,669	10,613	4,414	856	707	1,107	266
1908-----	33,224	25,546	3,675	11,236	1,522	2,531	405	3,198	2,979	7,678	2,772	654	589	875	232
1907-----	40,256	31,001	4,749	13,215	1,747	3,373	569	4,088	3,260	9,255	3,719	863	689	939	293
1906-----	37,551	30,235	4,970	11,661	1,636	3,537	660	4,469	3,303	7,315	2,820	683	454	883	264
1905-----	30,503	24,915	4,319	8,772	1,227	2,804	412	4,868	2,512	5,588	1,834	583	317	609	236
1904-----	34,127	27,345	2,928	11,522	1,402	3,269	519	5,316	2,390	6,782	2,903	854	524	588	322
1899-----	35,078	26,179	1,739	9,670	1,011	3,421	360	7,747	2,231	8,898	4,553	1,118	299	662	417
1889-----	27,039	20,024	1,200	4,220	741	2,533	--	9,409	1,915	7,015	3,804	783	69	636	--
1879-----	18,125	13,334	289	2,379	366	1,200	--	7,863	1,237	4,791	2,943	496	24	447	--
1869-----	12,756	9,252	196	1,378	321	770	--	5,770	817	3,504	2,014	320	4	410	--

¹ Columns do not total because of rounding.² Includes Idaho white pine, ponderosa pine, sugar pine, and lodgepole pine.³ Lodgepole pine included in "Other softwoods".⁴ Separate data not available, included in "Other softwoods".⁵ Forest Service estimates.⁶ Totals include some lumber not distributed by species.⁷ Data for eastern species represent Forest Service estimates; all other data as reported by the Bureau of the Census.

See explanatory notes in appendix.

TABLE 17. --Timber products: Veneer logs and bolts produced¹ in the United States, specified years, 1905 to 1955

(Million board-feet, log scale)

Year	All species (1)	Softwood (2)	Hardwood (3)
1955 ² -----	3,433	2,431	1,002
1954 ² -----	2,894	1,978	916
1953-----	2,815	1,861	954
1952-----	2,467	1,548	919
1951-----	2,271	1,232	1,039
1947-----	1,570	751	819
1945-----	1,404	546	858
1944-----	1,533	647	886
1943-----	1,594	659	935
1942-----	1,736	797	939
1939-----	1,194	544	650
1937-----	1,114	460	654
1935-----	824	340	484
1933-----	700	282	418
1931-----	696	228	468
1929-----	1,113	394	719
1927-----	962	290	672
1925-----	735	194	541
1923-----	646	151	495
1921-----	400	70	330
1919-----	577	93	484
1911-----	445	51	394
1910-----	477	49	428
1909-----	436	56	380
1908-----	383	51	332
1907-----	349	39	310
1906-----	329	52	277
1905-----	181	13	168

¹ Includes small volumes of imported logs.

² Estimate, subject to revision.

See explanatory notes in appendix.

TABLE 18. --Forest products: Pulpwood, woodpulp, paper and paperboard, and naval stores, specified years, 1810 to 1956²

(All units in thousands)

Year	Pulpwood			Woodpulp			Paper and paperboard			Naval stores domestic production ²	
	Domestic production	Net imports	New supply ³	Domestic production	Net imports	New supply	Domestic production	Net imports	New supply	Turpentine	Rosin
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	<i>Cords</i>	<i>Cords</i>	<i>Cords</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>50 gal. barrels</i>	<i>Drums 500 lbs. net</i>
1956-----	35,196	1,880	35,749	22,131	1,800	23,931	31,428	5,081	36,509	645	1,769
1955-----	30,948	1,869	33,356	20,740	1,579	22,319	30,154	4,629	34,783	656	1,822
1954-----	26,972	1,583	29,436	18,256	1,608	19,864	26,876	4,903	31,379	618	1,870
1953-----	26,319	1,537	28,140	17,537	1,996	19,533	26,567	4,756	31,323	538	1,745
1952-----	25,065	2,293	26,476	16,473	1,729	18,202	24,423	4,599	29,022	565	1,721
1951-----	25,128	2,637	26,522	16,524	2,159	18,683	26,048	4,517	30,565	684	2,049
1950-----	20,712	1,807	23,627	14,849	2,290	17,138	24,375	4,636	29,011	709	2,137
1949-----	17,619	1,639	19,945	12,207	1,641	13,848	20,315	4,379	24,694	673	2,024
1948-----	20,026	2,268	21,189	12,872	2,082	14,955	21,897	4,185	26,082	659	2,076
1947-----	18,542	1,998	19,714	11,946	2,192	14,138	21,114	3,647	24,761	641	1,991
1946-----	16,982	1,942	17,818	10,607	1,766	12,373	19,278	3,233	22,510	570	1,720
1945-----	15,253	1,688	16,913	10,167	1,619	11,786	17,371	2,295	19,665	488	1,452
1944-----	15,349	1,630	16,758	10,108	853	10,962	17,183	2,262	19,445	471	1,318
1943-----	13,580	1,676	15,645	9,680	1,005	10,685	17,036	2,401	19,437	508	1,463
1942-----	14,902	2,158	17,275	10,783	858	11,642	17,084	2,697	19,780	560	1,656
1941-----	14,176	2,208	16,579	10,375	829	11,205	17,762	2,659	20,421	549	1,708
1940-----	12,369	1,374	13,743	8,960	744	9,703	14,484	2,274	16,757	566	1,717
1939-----	9,735	1,081	10,816	6,993	1,887	8,881	13,510	2,439	15,949	605	1,814
1938-----	7,953	1,241	9,194	5,934	1,570	7,503	11,381	2,162	13,542	709	2,077
1937-----	8,895	1,499	10,394	6,573	2,072	8,645	12,837	3,191	16,028	700	2,031
1936-----	7,527	1,189	8,716	5,695	2,084	7,779	11,976	2,675	14,651	635	1,866
1935-----	6,591	1,037	7,628	4,926	1,761	6,687	10,479	2,279	12,758	603	1,821
1934-----	5,980	817	6,797	4,436	1,663	6,099	9,187	2,102	11,289	602	1,783
1933-----	5,964	618	6,582	4,276	1,862	6,139	9,190	1,726	10,916	622	1,838
1932-----	4,891	742	5,633	3,760	1,434	5,194	7,998	1,729	9,727	573	1,659
1931-----	5,985	738	6,723	4,409	1,543	5,952	9,382	1,965	11,347	564	1,613
1930-----	6,099	1,096	7,196	4,630	1,782	6,412	10,169	2,149	12,319	685	1,972
1929-----	6,412	1,233	7,645	4,863	1,827	6,690	11,140	2,271	13,411	724	2,070
1928-----	5,795	1,366	7,160	4,511	1,721	6,232	10,403	2,048	12,451	649	1,867
1927-----	5,527	1,226	6,751	4,313	1,644	5,957	10,002	1,923	11,925	737	2,093
1926-----	5,490	1,277	6,766	4,395	1,697	6,092	9,794	1,790	11,584	589	1,680
1925-----	5,005	1,088	6,094	3,962	1,626	5,588	9,002	1,415	10,417	545	1,516
1924-----	4,720	1,048	5,768	3,723	1,491	5,214	7,930	1,351	9,281	586	1,610
1923-----	4,637	1,236	5,873	3,789	1,360	5,149	7,871	1,323	9,194	616	1,695
1922-----	4,499	1,050	5,549	3,522	1,234	4,756	6,875	990	7,865	558	1,542
1921-----	3,740	817	4,557	2,876	669	3,544	5,333	694	6,027	500	1,365
1920-----	5,015	1,100	6,114	3,822	874	4,696	7,185	454	7,640	510	1,358
1919-----	4,446	1,032	5,478	3,518	596	4,114	5,966	287	6,253	393	1,088
1918-----	4,506	745	5,251	3,314	556	3,870	5,938	337	6,275	359	997
1917-----	4,706	774	5,480	3,510	639	4,149	5,804	250	6,054	502	1,378
1916-----	4,445	784	5,229	3,435	644	4,079	--	--	--	626	1,697
1915-----	--	--	--	--	548	--	--	--	--	537	1,443
1914-----	3,641	830	4,471	2,893	663	3,556	5,153	243	5,395	566	1,519
1913-----	--	--	--	--	522	--	--	--	--	695	1,902
1912-----	--	--	--	--	526	--	--	--	--	730	1,984
1911-----	3,390	938	4,328	2,686	553	3,239	--	--	--	664	1,777
1910-----	3,147	948	4,094	2,534	498	3,032	--	--	--	617	1,649
1909-----	3,208	794	4,002	2,496	361	2,857	4,121	* 19	4,103	600	1,600
1908-----	2,652	695	3,347	2,119	239	2,358	--	--	--	750	2,000
1907-----	3,037	925	3,963	2,548	284	2,832	--	--	--	585	1,824
1906-----	2,922	739	3,661	--	--	--	--	--	--	588	1,566
1905-----	2,547	645	3,192	--	--	--	--	--	--	590	1,571
1904-----	2,477	574	3,051	1,922	169	2,091	3,107	* 78	3,029	600	1,600
1903-----	--	--	--	--	--	--	--	--	--	545	1,452
1902-----	--	--	--	--	--	--	--	--	--	581	1,548
1901-----	--	--	--	--	--	--	--	--	--	600	1,600
1900-----	--	--	--	--	--	--	--	--	--	620	1,652
1899-----	1,617	369	1,986	1,180	37	1,216	2,168	--	2,168	--	--
1889-----	583	--	--	306	--	--	935	--	--	--	--
1879-----	41	--	--	23	--	--	452	--	--	--	--
1869-----	2	--	--	1	--	--	4386	--	--	--	--
1859-----	--	--	--	--	--	--	127	--	--	--	--
1849-----	--	--	--	--	--	--	478	--	--	--	--
1839-----	--	--	--	--	--	--	438	--	--	--	--
1819-----	--	--	--	--	--	--	412	--	--	--	--
1810-----	--	--	--	--	--	--	43	--	--	--	--

¹ Data in individual columns may not add to "New supply" because of rounding.

² Crop year beginning April 1.

³ Includes changes in stocks for all years 1941 through 1956.

⁴ Estimated from values reported by the Bureau of the Census.

* Net exports

See explanatory notes in appendix.

TABLE 19. --Timber products: Estimated production, net imports, and new supply of round timber products (fuelwood excluded), 1900 to 1954

(Million cubic feet)

Year	Total			Sawlogs			Veneer logs			Pulpwood			Other products
	Domestic production	Net imports	New supply ¹	Domestic production	Net imports	New supply ²	Domestic production	Net imports	New supply ¹	Domestic production ³	Net imports	New supply ^{1 4}	New supply
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1954-----	8,795	1,195	9,990	5,650	365	5,955	490	35	520	1,915	795	2,775	740
1953-----	8,825	1,225	9,945	5,710	330	5,915	475	20	500	1,885	870	2,780	750
1952-----	8,790	1,160	9,890	5,820	275	6,140	420	10	430	1,820	875	2,620	700
1951-----	8,745	1,205	9,730	5,780	235	5,895	395	10	405	1,845	955	2,705	770
1950-----	8,535	1,385	9,975	5,905	455	6,330	345	10	350	1,510	925	2,520	730
1949-----	7,355	935	8,550	5,000	140	5,345	320	(4)	320	1,290	790	2,135	745
1948-----	8,380	1,080	9,075	5,750	190	5,645	290	(4)	295	1,490	885	2,290	850
1947-----	8,100	815	8,615	5,500	5*	5,260	275	5*	265	1,385	825	2,145	940
1946-----	7,720	810	8,255	5,295	90	5,200	255	5*	250	1,275	720	1,910	890
1945-----	6,615	680	7,570	4,365	100	4,745	250	10*	240	1,150	590	1,740	845
1944-----	7,460	560	8,170	5,115	100	5,385	270	10*	260	1,170	470	1,620	905
1943-----	7,565	575	8,775	5,325	85	6,020	280	15*	265	1,035	505	1,570	920
1942-----	8,090	720	9,840	5,645	170	6,830	305	5*	300	1,140	555	1,715	1,000
1941-----	8,060	650	8,570	5,680	105	5,630	265	5*	260	1,085	550	1,655	1,030
1940-----	6,990	400	7,925	4,845	35*	5,340	235	5*	230	950	440	1,390	965
1939-----	6,395	535	6,930	4,470	60*	4,410	210	(4)*	210	750	595	1,345	965
1938-----	5,585	475	5,950	3,860	70*	3,680	195	(4)*	195	610	540	1,155	920
1937-----	6,410	610	6,645	4,505	115*	4,015	195	5*	195	685	730	1,415	1,020
1936-----	6,015	560	6,370	4,295	95*	3,995	165	5*	160	580	660	1,240	975
1935-----	5,115	425	5,740	3,565	135*	3,630	145	5*	140	505	565	1,070	895
1934-----	4,370	345	4,710	2,925	165*	2,760	130	5*	125	460	510	975	855
1933-----	4,080	345	4,425	2,665	145*	2,520	125	5*	120	460	490	950	835
1932-----	3,425	315	3,740	2,100	120*	1,980	120	(4)*	115	375	435	815	830
1931-----	4,665	325	4,990	3,105	150*	2,960	125	5*	120	460	475	935	970
1930-----	6,385	375	6,755	4,560	175*	4,385	155	5*	150	470	555	1,025	1,195
1929-----	8,090	325	8,415	6,020	255*	5,765	200	5*	195	495	585	1,080	1,380
1928-----	7,720	280	8,000	5,710	275*	5,435	175	5*	175	445	555	1,005	1,385
1927-----	7,825	315	8,140	5,790	205*	5,585	175	(4)*	170	425	520	945	1,435
1926-----	8,235	370	8,610	6,180	145*	6,035	145	--	145	425	515	940	1,490
1925-----	8,390	330	8,720	6,375	120*	6,255	135	--	135	385	450	835	1,495
1924-----	8,270	270	8,545	6,140	155*	5,980	115	--	115	365	425	790	1,655
1923-----	8,550	340	8,890	6,375	75*	6,295	115	--	115	355	415	770	1,705
1922-----	7,610	295	7,900	5,480	60*	5,420	90	--	90	345	355	700	1,695
1921-----	6,585	145	6,735	4,505	80*	4,430	75	--	75	290	225	515	1,720
1920-----	7,800	195	7,995	5,440	55*	5,380	80	--	80	385	250	640	1,890
1919-----	7,735	125	7,860	5,370	55*	5,315	105	--	105	340	180	520	1,915
1918-----	7,320	180	7,500	4,955	20	4,975	95	--	95	345	160	510	1,920
1917-----	7,955	170	8,125	5,570	5	5,575	90	--	90	360	165	530	1,930
1916-----	8,545	165	8,710	6,185	10*	6,175	90	--	90	340	175	515	1,930
1915-----	8,035	130	8,165	5,750	35*	5,715	85	--	85	315	170	480	1,885
1914-----	8,580	15*	8,565	6,290	185*	6,110	85	--	85	280	170	450	1,925
1913-----	9,185	165*	9,020	6,835	320*	6,510	80	--	80	275	155	430	1,995
1912-----	9,350	145*	9,205	6,990	295*	6,695	80	--	80	270	150	415	2,015
1911-----	9,040	150*	8,890	6,680	290*	6,385	80	--	80	260	140	400	2,020
1910-----	9,315	80*	9,235	6,910	215*	6,695	90	--	90	240	135	375	2,075
1909-----	9,290	50*	9,240	6,910	155*	6,760	80	--	80	245	105	350	2,050
1908-----	8,725	80*	8,645	6,520	160*	6,360	70	--	70	205	80	285	1,930
1907-----	9,555	115*	9,440	7,145	215*	6,930	65	--	65	235	100	335	2,110
1906-----	9,225	95*	9,130	7,145	170*	6,975	60	--	60	225	75	300	1,800
1905-----	8,625	90*	8,535	6,755	155*	6,600	35	--	35	195	65	260	1,640
1904-----	8,490	150*	8,340	6,675	205*	6,470	20	--	20	190	60	250	1,600
1903-----	8,215	140*	8,075	6,445	195*	6,255	15	--	15	175	55	230	1,575
1902-----	7,880	60*	7,820	6,180	110*	6,070	10	--	10	160	50	210	1,525
1901-----	7,580	110*	7,470	5,930	150*	5,780	5	--	5	150	40	190	1,490
1900-----	7,285	140*	7,140	5,680	175*	5,505	5	--	5	135	35	170	1,460

¹ Columns may not add to total because of rounding.

² Includes changes in stocks beginning in 1935.

³ Excludes plant residues used for pulpwood. From 1940-48 incl. plant residues used for pulpwood were less than 50 million cubic feet per year. From 1949-54 use of residues increased from 60 to 150 million cubic feet.

⁴ Includes changes in stocks beginning in 1941.

⁵ Less than 2.5 million cubic feet.

* Net exports

See explanatory notes in appendix.

TABLE 20. --Prices: Stumpage, log, and lumber prices for selected species, 1910 to 1956

(Dollars per thousand board-feet)

Year	Stumpage prices				Douglas-fir log prices		Douglas-fir lumber prices (wholesale)
	Douglas- fir	Southern pine	Sugar pine	Ponderosa pine	Sawlogs	Peeler logs ¹	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1956-----	37.70	37.40	34.90	27.20	55.00	99.10	81.20
1955-----	28.90	32.00	30.00	26.10	52.20	96.30	80.90
1954-----	16.20	29.70	31.20	27.20	48.10	94.80	72.20
1953-----	20.20	34.20	30.20	25.90	48.00	96.30	73.10
1952-----	25.80	38.50	36.40	27.40	50.60	96.00	78.80
1951-----	25.40	34.60	40.40	33.60	47.90	96.50	80.50
1950-----	16.40	26.70	25.00	18.30	44.70	89.40	73.30
1949-----	11.10	19.70	18.90	17.60	39.00	74.90	61.20
1948-----	19.90	16.40	16.20	14.60	39.30	79.70	77.20
1947-----	9.90	10.90	12.50	8.30	33.70	56.40	70.60
1946-----	6.60	8.90	7.20	5.80	--	--	45.50
1945-----	5.00	9.30	7.30	5.60	--	--	39.00
1944-----	5.20	10.90	5.20	4.00	--	--	38.30
1943-----	--	8.70	4.20	5.00	--	--	38.10
1942-----	--	8.90	4.80	2.70	--	--	35.30
1941-----	3.60	10.80	3.40	2.60	17.00	32.00	29.40
1940-----	2.30	4.50	3.00	2.20	15.50	28.00	22.20
1939-----	--	5.80	3.10	2.40	14.50	27.50	20.00
1938-----	2.50	7.30	3.50	2.50	14.50	29.00	19.10
1937-----	1.60	5.30	2.80	2.20	15.50	27.50	22.20
1936-----	2.10	--	2.80	2.20	14.00	25.00	19.50
1935-----	1.70	4.50	3.10	2.40	11.50	--	17.30
1934-----	1.50	2.90	3.50	2.50	11.00	--	17.20
1933-----	1.20	2.70	--	--	9.50	--	14.60
1932-----	1.70	2.80	3.70	2.60	9.50	--	11.50
1931-----	2.90	3.40	4.60	4.20	11.00	--	13.60
1930-----	3.30	3.20	6.30	3.60	15.50	--	17.80
1929-----	2.70	3.50	4.60	3.60	16.00	--	20.60
1928-----	2.90	3.60	3.20	2.50	15.50	--	19.40
1927-----	2.50	3.50	4.00	3.40	15.00	--	19.80
1926-----	2.20	3.60	4.50	3.70	16.00	--	20.40
1925-----	2.10	3.20	4.40	3.60	15.00	--	21.10
1924-----	2.20	3.50	4.20	3.50	16.00	--	22.40
1923-----	2.50	3.00	4.40	3.90	18.50	--	27.30
1922-----	2.50	2.80	3.80	4.00	15.00	--	21.00
1921-----	1.90	3.70	4.20	3.20	14.50	--	18.00
1920-----	1.80	4.40	5.00	3.70	22.00	--	34.90
1919-----	2.40	3.70	3.40	3.00	17.00	--	24.90
1918-----	1.80	3.00	3.40	2.70	14.50	--	19.50
1917-----	1.60	3.40	2.80	2.20	11.00	--	16.20
1916-----	1.20	3.20	3.50	2.90	8.50	--	10.80
1915-----	2.90	2.10	3.40	2.50	7.00	--	10.60
1914-----	1.60	2.90	3.00	2.00	7.50	--	--
1913-----	1.70	1.70	3.30	2.20	8.50	--	--
1912-----	2.30	1.50	3.50	2.70	8.00	--	11.50
1911-----	2.30	2.80	2.50	2.50	8.00	--	11.00
1910-----	2.20	1.50	4.30	3.60	9.00	--	13.00

¹ "Peeler logs" includes logs used in the manufacture of veneer.

See explanatory notes in appendix.

TABLE 21. --Prices: Wholesale price indexes of selected timber products, 1900 to 1956

(1947-49 = 100)

Year	Lumber (1)	Plywood ¹ (2)	Woodpulp (3)	Paper (4)	Paperboard (5)
1956	127.2	101.7	117.7	137.3	134.8
1955	124.4	106.1	112.9	129.8	127.1
1954	117.3	103.0	109.6	126.6	124.5
1953	119.3	107.1	109.0	125.6	124.3
1952	120.5	107.2	111.5	124.0	127.4
1951	123.6	117.3	114.4	119.1	131.8
1950	114.5	112.0	95.6	106.5	105.0
1949	98.2	97.2	97.0	103.8	98.8
1948	107.3	113.5	107.3	102.8	102.0
1947	94.5	89.3	95.6	93.4	99.2
1946	59.3	54.2	70.2	78.6	71.2
1945	51.5	43.7	63.5	71.9	64.6
1944	50.9	43.7	62.8	71.2	62.0
1943	47.0	42.8	58.2	69.8	60.6
1942	44.2	38.8	58.1	68.0	56.3
1941	40.7	39.1	56.0	66.3	54.7
1940	34.2	35.1	50.7	63.1	48.6
1939	31.0	33.7	33.3	60.2	42.5
1938	29.0	32.9	38.7	61.8	41.4
1937	33.1	33.5	52.8	60.6	48.9
1936	28.9	33.6	34.0	57.0	41.5
1935	27.2	--	32.6	56.6	41.4
1934	28.1	--	35.3	56.4	47.4
1933	23.5	--	29.5	54.0	41.2
1932	19.4	--	28.9	56.6	31.4
1931	23.1	--	35.9	60.6	31.6
1930	28.5	--	38.9	62.6	37.3
1929	31.2	--	40.0	62.7	44.5
1928	30.1	--	40.1	63.9	48.4
1927	30.9	--	41.8	64.4	52.9
1926	33.2	--	45.2	70.4	50.2
1925	34.5	--	--	--	--
1924	34.0	--	--	--	--
1923	38.3	--	--	--	--
1922	33.9	--	--	--	--
1921	30.5	--	--	--	--
1920	56.6	--	--	--	--
1919	38.7	--	--	--	--
1918	28.6	--	--	--	--
1917	24.7	--	--	--	--
1916	18.9	--	--	--	--
1915	16.7	--	--	--	--
1914	17.1	--	--	--	--
1913	18.5	--	--	--	--
1912	17.5	--	--	--	--
1911	16.3	--	--	--	--
1910	16.6	--	--	--	--
1909	16.7	--	--	--	--
1908	16.7	--	--	--	--
1907	18.0	--	--	--	--
1906	17.9	--	--	--	--
1905	14.7	--	--	--	--
1904	13.8	--	--	--	--
1903	14.7	--	--	--	--
1902	13.8	--	--	--	--
1901	13.1	--	--	--	--
1900	13.1	--	--	--	--

¹ Softwood plywood, interior grade A-D.

See explanatory notes in appendix.

TABLE 22. --Prices: Lumber wholesale price index, 1798 to 1932

(1910-14 = 100)

Year	Price index (1)	Year	Price index (1)	Year	Price index (1)	Year	Price index (1)
1932-----	115	1897-----	55	1862-----	48	1827-----	29
1931-----	136	1896-----	57	1861-----	45	1826-----	28
1930-----	167	1895-----	57	1860-----	46	1825-----	27
1929-----	184	1894-----	59	1859-----	46	1824-----	26
1928-----	177	1893-----	60	1858-----	48	1823-----	26
1927-----	183	1892-----	59	1857-----	53	1822-----	25
1926-----	196	1891-----	61	1856-----	52	1821-----	26
1925-----	197	1890-----	62	1855-----	51	1820-----	27
1924-----	194	1889-----	62	1854-----	48	1819-----	28
1923-----	219	1888-----	62	1853-----	47	1818-----	28
1922-----	193	1887-----	63	1852-----	46	1817-----	31
1921-----	174	1886-----	62	1851-----	43	1816-----	35
1920-----	323	1885-----	61	1850-----	43	1815-----	37
1919-----	221	1884-----	64	1849-----	40	1814-----	27
1918-----	163	1883-----	64	1848-----	41	1813-----	25
1917-----	141	1882-----	66	1847-----	41	1812-----	24
1916-----	108	1881-----	63	1846-----	42	1811-----	25
1915-----	95	1880-----	59	1845-----	43	1810-----	26
1914-----	98	1879-----	55	1844-----	39	1809-----	26
1913-----	103	1878-----	54	1843-----	37	1808-----	26
1912-----	102	1877-----	59	1842-----	40	1807-----	27
1911-----	98	1876-----	62	1841-----	43	1806-----	27
1910-----	98	1875-----	66	1840-----	42	1805-----	27
1909-----	98	1874-----	72	1839-----	45	1804-----	26
1908-----	94	1873-----	75	1838-----	45	1803-----	24
1907-----	98	1872-----	74	1837-----	45	1802-----	27
1906-----	92	1871-----	72	1836-----	32	1801-----	27
1905-----	82	1870-----	71	1835-----	31	1800-----	24
1904-----	78	1869-----	75	1834-----	31	1799-----	23
1903-----	76	1868-----	80	1833-----	30	1798-----	24
1902-----	71	1867-----	83	1832-----	29		
1901-----	66	1866-----	87	1831-----	29		
1900-----	69	1865-----	79	1830-----	27		
1899-----	64	1864-----	74	1829-----	28		
1898-----	58	1863-----	58	1828-----	29		

See explanatory notes in appendix.

TABLE 23.--Prices: Wholesale price index of all commodities, 1749 to1956

(1947-49 = 100)

Year	Price index	Year	Price index	Year	Price index	Year	Price index	Year	Price index
	(1)		(1)		(1)		(1)		(1)
1956-----	114.3	1911-----	42.2	1866-----	75.6	1821-----	47.6	1776-----	44.0
1955-----	110.7	1910-----	45.8	1865-----	85.8	1820-----	49.8	1775-----	38.3
1954-----	110.3	1909-----	43.9	1864-----	75.4	1819-----	58.3	1774-----	38.9
1953-----	110.1	1908-----	40.9	1863-----	58.8	1818-----	66.4	1773-----	43.0
1952-----	111.6	1907-----	42.4	1862-----	46.6	1817-----	67.7	1772-----	45.6
1951-----	114.8	1906-----	40.2	1861-----	39.8	1816-----	67.3	1771-----	40.4
1950-----	103.1	1905-----	39.1	1860-----	39.6	1815-----	79.0	1770-----	39.4
1949-----	99.2	1904-----	38.8	1859-----	39.6	1814-----	100.5	1769-----	39.4
1948-----	104.4	1903-----	38.7	1858-----	40.3	1813-----	80.3	1768-----	37.9
1947-----	96.4	1902-----	38.3	1857-----	44.5	1812-----	69.1	1767-----	39.4
1946-----	78.7	1901-----	35.9	1856-----	44.8	1811-----	68.2	1766-----	37.4
1945-----	68.8	1900-----	36.5	1855-----	44.8	1810-----	70.0	1765-----	36.8
1944-----	67.6	1899-----	33.9	1854-----	44.7	1809-----	64.1	1764-----	37.9
1943-----	67.0	1898-----	31.5	1853-----	43.2	1808-----	61.0	1763-----	40.4
1942-----	64.2	1897-----	30.3	1852-----	40.6	1807-----	62.4	1762-----	44.5
1941-----	56.8	1896-----	30.2	1851-----	41.9	1806-----	66.4	1761-----	39.4
1940-----	51.1	1895-----	31.7	1850-----	40.5	1805-----	67.7	1760-----	40.4
1939-----	50.1	1894-----	31.1	1849-----	39.1	1804-----	66.0	1759-----	40.4
1938-----	51.1	1893-----	34.7	1848-----	40.2	1803-----	61.0	1758-----	35.8
1937-----	56.1	1892-----	33.9	1847-----	42.2	1802-----	59.7	1757-----	33.3
1936-----	52.5	1891-----	36.3	1846-----	42.1	1801-----	72.7	1756-----	33.8
1935-----	52.0	1890-----	36.5	1845-----	40.7	1800-----	66.0	1755-----	33.8
1934-----	48.7	1889-----	37.3	1844-----	40.4	1799-----	64.5	1754-----	33.3
1933-----	42.8	1888-----	37.3	1843-----	40.2	1798-----	64.5	1753-----	33.3
1932-----	42.1	1887-----	36.7	1842-----	42.7	1797-----	67.0	1752-----	33.8
1931-----	47.4	1886-----	36.4	1841-----	45.8	1796-----	74.7	1751-----	33.3
1930-----	56.1	1885-----	36.8	1840-----	46.2	1795-----	67.0	1750-----	30.7
1929-----	61.9	1884-----	39.3	1839-----	54.3	1794-----	55.2	1749-----	34.8
1928-----	62.9	1883-----	42.0	1838-----	51.6	1793-----	52.2		
1927-----	62.0	1882-----	43.0	1837-----	53.8	1792-----	--		
1926-----	65.0	1881-----	41.9	1836-----	54.3	1791-----	43.5		
1925-----	67.3	1880-----	42.3	1835-----	48.5	1790-----	46.1		
1924-----	63.8	1879-----	38.2	1834-----	42.6	1789-----	44.0		
1923-----	65.4	1878-----	40.1	1833-----	45.8	1788-----	43.0		
1922-----	62.8	1877-----	43.9	1832-----	46.2	1787-----	46.1		
1921-----	63.4	1876-----	46.8	1831-----	45.8	1786-----	46.1		
1920-----	100.3	1875-----	50.5	1830-----	42.6	1785-----	47.1		
1919-----	90.1	1874-----	52.6	1829-----	43.9	1784-----	--		
1918-----	85.3	1873-----	54.4	1828-----	44.4	1783-----	--		
1917-----	76.4	1872-----	54.9	1827-----	46.7	1782-----	110.5		
1916-----	55.6	1871-----	53.8	1826-----	46.2	1781-----	110.5		
1915-----	45.2	1870-----	56.3	1825-----	46.7	1780-----	115.1		
1914-----	44.3	1869-----	60.8	1824-----	46.2	1779-----	115.6		
1913-----	45.4	1868-----	63.5	1823-----	46.7	1778-----	71.6		
1912-----	44.9	1867-----	68.2	1822-----	48.9	1777-----	62.9		

See explanatory notes in appendix.

Appendix

Table 1.--National forests: Areas and purchases

National-forest lands (cols. 1-2). Source: U. S. Department of Agriculture, Forest Service annual publication "National Forest Areas." Data are prepared from individual land transactions of the Forest Service, such as transfers from other agencies, land exchanges, purchases, and other adjustments.

"Gross area within unit boundaries" (col. 1) prior to 1936 included the total land area within the authorized boundaries of the units formally designated or proclaimed as national forests. Since 1936 other lands administered by the Forest Service including national-forest purchase units, experimental areas, land utilization projects and other land units have also been included.

The Federal Government seldom has complete ownership of all the land within the national forests and other units under administration of the Forest Service. Parts of such units are in private, State, county, and municipal ownership or are under the jurisdiction of a Federal agency other than the Forest Service. "Part of gross area under Forest Service Administration" (col. 2) is thus the net area in these units owned by the United States and administered by the Forest Service. National forests account for most of the net area administered by the Forest Service--90 percent of the total in 1956. Land utilization project lands, administered under Title III of the Bankhead-Jones Farm Tenant Act, account for most of the remainder.

These data are supplemented in the annual report "National Forest Areas" which shows by States the gross and net area of each national forest, purchase unit, experimental area, and land utilization area under the jurisdiction of the Forest Service.

National-forest purchases (cols. 3-5). Source: See source for National forest lands above.

"Gross area approved for purchase" (col. 3) includes the total area as of June 30 within purchase units that the Secretary of Agriculture has been authorized to purchase for national-forest purposes by the National Forest Reservation Commission under the Weeks Law of March 1, 1911, as amended, and other related acts.

These data are supplemented by annual reports of the National Forest Reservation Commission to Congress, which show by States and by national forests or purchase units the area authorized by the Commission for purchase, the area purchased for national forests during each fiscal year, and the cost. The same data are also shown in cumulative form for the period 1912 to the present.

Table 2.--National forests: Volume and value of timber cut

Volume and value (cols. 1-7). Source: U. S. Department of Agriculture, Forest Service. Data are prepared from records of individual timber transactions of the Forest Service.

"Commercial sales" (cols. 3, 4, 5) includes all sales from the national forests for which a charge is made. Nearly all commercial sales are made on a competitive bid basis with the sale going to the highest bidder. Most sales are timber sales (cols. 3, 4) but some material not measurable in board-feet such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, and other similar items is also sold from the national forests (col. 5). Some timber from the national forests is exchanged for land (cols. 6, 7).

Information on individual transactions involving national-forest timber is available from the Forest Service. Unpublished records of national-forest stumpage sales are also available for all sales in the form of quarterly compilations classified according to Forest Service regions, major species, and product, e.g., pulpwood, saw logs, etc.

Table 3.--National forests: Grazing and utilization of recreation resources

Livestock permitted to graze (cols. 1 - 2). Source: U. S. Department of Agriculture, Forest Service. Data are prepared from records of grazing activity on ranger districts.

"Number of livestock permitted to graze" includes all animals grazing under pay and free permits on the national forests. In 1956, livestock grazing under pay permit represented about 96 percent of the cattle and nearly all of the sheep using the national forests during that year. The remainder, grazed under free permit, included animals used for domestic purposes by miners, timber operators, and grazing permittees living on or adjacent to national forests.

These data are supplemented by unpublished information showing the number of livestock permitted to graze under pay permits for each forest, region, and State. A record is also kept of animal months of use and animal deaths due to poisonous plants and predatory animals during the time the stock are on national-forest ranges.

Utilization of recreation resources (cols. 3-5). Source: U. S. Department of Agriculture, Forest Service annual report "Recreation Use on National Forests." Data are based upon sample counts and spot checks made by field personnel of the Forest Service.

"Utilization of improved recreation areas" (col. 4) shows visits to campgrounds, picnic areas, winter sports areas, and other similar developments. "Utilization of other public recreation areas" (col. 5) shows visits to resorts, organization camps, summer homes, wilderness areas, hunting and fishing camps, and undeveloped areas.

These data are supplemented in the annual report "Recreation Use on National Forests," by statistics showing number of visits by type of facility, primary purpose of visits, recreation use by regions, and related information.

Table 4.--National forests: Receipts and payments to States and Territories

Receipts from national forests (cols. 1-4). Source: U. S. Department of Agriculture, Forest Service. Data are prepared from the fiscal and accounting records of the Forest Service.

Receipts from the national forests are derived from timber and other forest products sales; settlement and trespass; grazing and grazing trespass; and land uses such as power lines, resort and summer homesites, and ski lifts.

Payments to States and Territories (cols. 5-8). Source: See source for Receipts from national forests above.

The "25 percent fund" (col. 6) consists of payments from gross receipts of the previous fiscal year from each national forest to the State or Territory in which the forest is situated, for the benefit of public roads and schools under an Act of May 23, 1908 (35 Stat. 260) as amended. Payments are also made from timber receipts of the Tongass National Forest to the Territory of Alaska for public schools and public roads, under an Act approved July 24, 1956 (70 Stat. 605).

"The Arizona and New Mexico school fund" (col. 7) consists of payments made to the States of Arizona and New Mexico under an Act of June 20, 1910. From the gross receipts of the national forests in the two States, payments are made in the proportion that the area of land granted the States for school purposes within these national forests bears to the total area of all national forests within the two respective States.

"Payments to State of Minnesota" (col. 8) consists of payments made under an act of June 22, 1948 (62 Stat. 568). Payments represent three-fourths of 1 percent of the fair appraised value of certain national-forest lands in Cook, Lake, and St. Louis Counties in Minnesota.

The data on receipts and payments are supplemented by detailed statistics of receipts and payments by State and region in unpublished accounting records of the Forest Service. Related data on Forest Service expenditures and investments are also available in these records.

Table 5. -- Forest Service expenditures by classes

Expenditures by classes (cols. 1-9). Source: U. S. Department of Agriculture, Forest Service. Data are prepared from fiscal and accounting records of the Forest Service.

"Protection and administration" (col. 2) includes all expenditures for the administration and protection of the national forests and other areas administered by the Forest Service for activities such as timber, wildlife, and forage production; watershed protection, and recreation.

"Construction and maintenance of roads and trails" (col. 3) includes expenditures for the construction of those roads and trails of primary importance for the protection, administration, and utilization of the national forests, or when necessary for the use and development of resources upon which communities within or adjacent to national forests are dependent.

"Construction and maintenance of forest highways" (col. 4) includes expenditures for the construction and maintenance of highways or roads of primary importance to the States, counties, and communities within, adjoining, or adjacent to national forests. Expenditures for the maintenance and construction of forest highways are administered by the Bureau of Public Roads.

"Construction and maintenance, other" (col. 5) includes capital expenditures for nurseries, dwellings and related improvements, warehouses, shops, offices, recreation use improvements, wildlife use improvements, range use improvements, construction of landing fields, and other similar developments.

"Research" (col. 6) includes expenditures for research in the entire field of forestry and range management including the growth, protection (against fire, insects, and disease), and harvesting of timber; management of related range lands; protection and management of watersheds; efficient and economical utilization of forest products; and the study of the present extent, potential growth, and utilization of the Nation's forest resources.

"Acquisition" (col. 7) includes expenditures for acquisition of lands.

"Civilian Conservation Corps" (col. 8) includes expenditures for Civilian Conservation Corps work performed on State and private lands.

"Miscellaneous cooperation" (col. 9) includes expenditures for cooperative work with other Government bureaus, States, and private landowners to obtain better protection against fire, insects, and disease; to obtain better forest practices on lands in private ownership; to aid in the distribution of planting stock for forests, shelterbelts, and woodlots; and to stimulate development and proper management of State, county, and community forests. Contributions to the Forest Service, i.e., by counties, States, timber sale operators, and others are included in these expenditures.

The statistics (cols. 1-9) are supplemented by data showing expenditures by State, regions, and detailed accounting classifications in Forest Service accounting records.

Table 6. -- Forest Service expenditures by classes in 1947-49 dollars

Expenditures in 1947-49 dollars (cols. 1-9). Expenditures by classes as shown in table 5 have been adjusted to a constant dollar base (1947-49 = 100) by dividing actual

expenditures by the all-commodity wholesale price index published by the Bureau of Labor Statistics. Such a procedure tends to correct for changes in the purchasing power of the dollar by removing inflationary and deflationary effects, and gives a more accurate picture of the trend in Forest Service expenditures during the period covered. For example, expenditures in current dollars in the early 1930's, a deflationary period, were increased to reflect the greater quantity of goods and services that could be purchased with each dollar in that period. On the other hand, expenditures in the recent past, an inflationary period, have been decreased to reflect the decline in the quantity of goods and services that could be obtained for each dollar of expenditure.

Table 7.--National forests: Number of sportsman-users and trappers, and number and hunter-take of big-game animals

Number of sportsman-users and trappers, and number and hunter-take of big game animals. (cols. 1-6) Source: U. S. Department of Agriculture, Forest Service annual publications "Annual Wildlife Statistical Report" and "Recreation Use on National Forests." Data are based upon sample counts and spot checks made by field personnel of the Forest Service.

The data (cols. 1-3) for the years 1940-45 inclusive are estimated numbers of sportsmen; the data for 1946-56 are estimated "visits" by hunters and fishermen to the national forests.

The big-game animals (cols. 5-6) included are deer, elk, antelope, bear, moose, mountain goat, bighorn sheep, peccary, and wild boar. The 1921-48 estimates are as of December 31 of the year reported; 1949-56 estimates are as of April 30.

The data in (cols. 1-6) are broken down in the "Annual Wildlife Statistical Report" by region, State, and individual national forest. Statistics showing the number of big-game animals killed by species are also available.

Table 8.--Forest fires: Number and area burned over

Number of fires and area burned over (cols. 1-8). Source: U. S. Department of Agriculture, Forest Service, "Forest Fire Statistics." Data are based upon reports submitted by the offices of the State Foresters, by the Regional Foresters of the U. S. Forest Service, and by the Department of Interior and the Tennessee Valley Authority.

"Protected Area" (cols. 3-6) includes all forest lands that receive some organized fire protection. "Unprotected Area" (cols. 7-8) includes all forest lands not covered by organized fire protection.

These data are supplemented in the annual report "Forest Fire Statistics" with information, by regions and States, on areas needing protection; areas protected and unprotected; and areas burned on both protected and unprotected forest land by type of ownership, size of fires on protected areas, and other related data. No field organizations are available to report fires on unprotected areas and the statistics for these areas are generally less reliable than those for protected areas. No estimates are available for State and private lands in Arizona, Nebraska, Kansas, and Wyoming.

Table 9.--Forest fires: Number of fires by cause

Fires by cause. (cols. 1-10) Source: See source and text for table 8.

Table 10.--Forest fires: Expenditures for control by source of funds on State and private lands

Expenditures for control. (cols. 1-4) Source: See source and text for table 8.

Table 11. --Forest pests: Pest control accomplishments

Pest control (cols. 1-9). Source: U. S. Department of Agriculture, Forest Service. Data are based upon reports submitted by the offices of the State Foresters and by the offices of the Regional Foresters of the Forest Service.

"Blist rust control" (cols. 1-3) consists of the control of white pine blister rust--a fungus that attacks and destroys the highly valued white or five-needled pines. It spreads to pines from its alternate hosts, currants and gooseberries. Thus control measures are usually aimed at eradicating these alternate host plants in the vicinity of white pine stands.

"Other pests" (cols. 4-9) include a wide variety of insects and diseases that affect forest trees in the United States. Defoliating insects such as the spruce budworm, tussock moth, pine butterfly, and spittlebug are usually controlled by aerial spraying (cols. 4-6). Bark beetles such as the southern pine beetle, the Black Hills beetle, the Engelmann spruce beetle, and the western pine beetle are controlled on a tree basis. Control measures for these pests usually involve either spraying or logging the affected tree.

Supplementary information on forest pest control by State and region and by kind of forest pest is available from the Forest Service for recent years.

Table 12. --Farm forestry: Cooperative forest management accomplishments and expenditures

Accomplishments and expenditures (cols. 1-5). Source: U. S. Department of Agriculture, Forest Service. Data are based on annual reports of cooperating State agencies.

Supplementary data broken down by State and region showing accomplishments, expenditures, products harvested, and gross value of products harvested are available from the Forest Service.

Table 13. --Forest planting: Number of seedlings and cost of forest planting stock distributed

Number and cost of planting stock distributed (cols. 1-5). Source: U. S. Department of Agriculture, Forest Service. Data are compiled from records of cooperating State agencies and include number and cost of planting stock distributed under the Clarke-McNary Section 4 program of cooperative distribution of planting stock. Supplementary data on a State basis are available from the Forest Service.

Table 14. --Timber products: Production, imports, exports, and new supply of lumber in the United States

Lumber production (cols. 1-3). Source: U. S. Department of Agriculture, Forest Service, Miscellaneous Publication 669, "Lumber Production in the United States 1799-1946" and U. S. Department of Commerce, Bureau of the Census, Census of Manufactures, or annual Facts for Industry releases entitled "Lumber Production."

Data on lumber were first collected by the Bureau of the Census in the census of 1809. Subsequently this agency collected and published statistics on lumber production in 1819 and decennially 1839-99, then annually from 1904 through 1954 excepting 1905, 1906, 1913, 1915-18 inclusive, 1920, and 1948. The U. S. Department of Agriculture, Bureau of Crop Estimates, collected and published data for 1913, and the Forest Service for the other years. Federal, State, and private agencies such as the Tennessee Valley Authority, New York State, and various lumber manufacturers' associations have cooperated with the Bureau of the Census and the Forest Service in the collection of data on lumber production.

Up to and including 1859, only the value of lumber was included in the decennial reports of the Bureau of the Census, although some reference to number of mills or number of saws was often made. In 1869, 1879, and 1889 the total quantity of lumber produced was reported by States. Since 1899 lumber production has been reported in quantity terms by State and species, although in recent years such reporting, based on sampling of the industry, has been restricted to major species and principal producing States.

Prior to 1912, excepting decennial censuses when there was some field followup of nonreporting mills by field agents, statistics on lumber production were based upon a mail canvass of producers. Since 1912, excepting 1948, the census in the Western United States has been conducted by mail supplemented by a field canvass to obtain reports from nonrespondents. In the Eastern States, statistics were obtained by mail canvass from 1912 through 1941. Since 1941, excepting 1948, statistics in the East have been based either upon a complete field canvass (1942 and 1947) or upon a mail canvass supplemented by area sampling. In 1948, lumber production in the West was obtained by the Forest Service in cooperation with the West Coast Lumbermen's Association and the Western Pine Association through a mail canvass, with field followup of nonrespondents. The data for the East in that year represent Forest Service estimates based on data published by the National Lumber Manufacturers Association and other associations. Data for 1799 and 1829 also represent Forest Service estimates.

Eastern field canvasses in the early 1940's disclosed thousands of small sawmills and many larger mills not previously included in the annual censuses. These mills collectively produced a substantial volume of lumber. Accordingly the Forest Service prepared revised estimates of lumber production for the years 1904-08, 1910-18, and 1920-41 inclusive, designed to include the production of nonreporting mills as well as of reporting mills. These estimates were published by the Department of Agriculture as Miscellaneous Publication 669, "Lumber Production in the United States, 1799-1946." The methodology employed in revising reported lumber production estimates is described in detail in the publication. Production as reported in the decennial censuses of 1869 to 1919 was accepted as substantially correct.

Miscellaneous Publication 669 also summarizes available data on lumber production, by species and State prior to 1946. Data on average value per thousand board-feet are also shown for years prior to 1944. Data on 1946 lumber production by species and State are available in a Bureau of the Census Facts for Industry release "Forest Products," and for 1947 and 1954 in the Census of Manufactures. Data on lumber production by major species, principal producing States and regions are available in the Bureau of the Census Facts for Industry releases "Lumber Production" for 1949-55. Data on 1948 lumber production by major species and State in the West are available from the Forest Service.

Lumber imports and exports (cols. 4-11). Source: U. S. Department of Commerce, Bureau of the Census (formerly Bureau of Foreign and Domestic Commerce), "Foreign Commerce and Navigation of the United States."

Data represent the summation of import entries and warehouse withdrawals prepared by importers or their brokers, and of export declarations prepared by shippers or their authorized agents or brokers. Items defined as lumber imports and exports include sawn timbers, boards, planks, scantlings, joists, box shooks, and sawn railroad ties where quantities are given in board-feet.

Supplementary statistics on the value of lumber imports and exports as well as value and volume of imports and exports of forest products, such as logs and bolts, poles, piling, Christmas trees, woodpulp, paper and paperboard, and other forest products, by country of origin and destination, are also published by the Bureau of Census in the annual report "Foreign Commerce and Navigation of the United States." Since 1946, these reports have been printed in preliminary form (monthly and annually) as Report FT 110, "United States Imports of Merchandise for Consumption," and Report FT 410, "United States Exports of Domestic and Foreign Merchandise." The geographic area covered consists of the United States customs area and includes Alaska, Hawaii, and Puerto Rico in addition to the continental United States.

New supply (col. 12). Production plus imports minus exports for years prior to 1935. For the years 1935-54 inclusive, changes in lumber stocks are also included.

Per capita use (col. 13). The average per capita consumption of lumber in board-feet was derived by dividing "new supply" by total population as of July 1 of each year.

Table 15.--Timber products: Lumber production by regions

Lumber production by region (cols. 1-9). Source: See source and text for table 14, columns 1-3.

The States included in the regions shown are as follows: New England--Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. Middle Atlantic--Delaware, Maryland, New Jersey, New York, and Pennsylvania. Lake--Michigan, Minnesota, and Wisconsin. Central--Illinois, Indiana, Kentucky, Missouri, Ohio, Tennessee, West Virginia, Nebraska, Iowa, and Kansas. South Atlantic--North Carolina, South Carolina, and Virginia. South--Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, and Texas. Rocky Mountain--Idaho, Montana, Arizona, Colorado, New Mexico, South Dakota, Utah, and Wyoming. West Coast--California, Oregon, Washington, and Nevada.

Production data for 1904-08 and 1910-14 are not adjusted for under-reporting and do not agree with the totals shown in table 14, column 1.

Table 16.--Timber products: Lumber production by principal species

Lumber production by species. Source: See source and text for table 14, columns 1-3. Production data by species for 1904-08, 1910-18, and 1920-41 are not adjusted for under-reporting and do not agree with the totals shown in table 14, column 1.

Table 17.--Timber products: Veneer logs and bolts produced in the United States

Veneer log and bolt production (cols. 1-3). Source: U. S. Department of Commerce, Bureau of the Census, "Census of Manufactures," or special reports under various titles.

Data on the volume of logs consumed in the manufacture of veneers were first reported by the Bureau of the Census in 1905. Subsequently it published data showing either log consumption or sufficient information on veneer or plywood production to permit the derivation of estimates of log consumption for the years 1905-11, biannually 1919-39, annually 1942-45 and 1947, and annually 1951-55.

In recent years, the Bureau of the Census in its Facts for Industry release "Softwood Plywood and Veneer" has published information showing log consumption by species and State; log consumption in softwood plywood and veneer plants; softwood plywood production by species, type, and State; softwood veneer production in other than plywood plants by States; and other related data. In its Facts for Industry release "Hardwood Plywood, Market Shipments and Inventories" it is also currently publishing information on market shipments and inventories of hardwood plywood by region, type of plywood, type of face ply, species of face ply, and other related data.

Logs consumed in the manufacture of veneer in the United States have been assumed to equal domestic production although small quantities of logs, mostly hardwoods, are imported each year by the veneer industry.

Table 18.--Forest products: Pulpwood, woodpulp, paper and paperboard, and naval stores

Production of pulpwood, woodpulp, and paper and paperboard (cols. 1, 4, and 7). Sources: U. S. Department of Commerce, Bureau of the Census, "Census of Manufactures," and U. S. Department of Commerce, Bureau of the Census and/or U. S. Department of Agriculture, Forest Service annual reports under the general title "Pulp, Paper and Board."

Data on the production of paper (col. 7) were first collected in the United States by the Bureau of the Census in 1809. Similar data were collected by this agency in the decennial censuses of 1819 and 1839-99. Starting in 1869 data were also collected on pulpwood production (col. 1) and woodpulp produced (col. 4). Since 1904 (excepting 1912-13, 1915, and paper in 1916) data covering all three series have been collected annually. The Bureau of the Census collected and published data for 1904, 1914, 1929, 1931, 1933, 1935, and 1937-56. The Forest Service collected and published data for 1905, 1916-18, and 1920. In all other years the data were collected by the Bureau of the Census in cooperation with the Forest Service. In nearly all years, statistics have been based upon a mail canvass of woodpulp and paper producers.

"Pulpwood" (col. 1). The Bureau of the Census reported the total volume of pulpwood cut in the decennial census years 1869 to 1899. In most years since 1904 data have been published showing domestic receipts (production), imports, species, and average cost delivered at manufacturing plants. In recent years, the Bureau of Census in its monthly Facts for Industry release "Pulp, Paper and Board" has reported data on domestic pulpwood receipts, imports, consumption, and inventories by hardwoods and softwoods and by region. The annual summary of the monthly report shows this information by State. Domestic pulpwood receipts and domestic production are considered to be synonymous.

Since 1946, the Forest Service has published statistics, "Pulpwood Production in the South," which show pulpwood production by county and by softwoods and hardwoods in Georgia, Alabama, Mississippi, Florida, North Carolina, South Carolina, Virginia, Louisiana, Texas, Arkansas, Tennessee, and Oklahoma. It has also published similar data showing pulpwood production by species in Michigan, Wisconsin, and Minnesota for the years 1946-56.

"Woodpulp" (col. 4). Total woodpulp production was reported decennially 1869 to 1889. In 1899, 1904, 1909, 1914, and annually since 1916, woodpulp production has been reported by major grades, i. e., mechanical, sulfite, soda, sulfate, and more recently semichemical, defibrated and exploded, and special alpha and dissolving grades. In recent years, the Bureau of the Census in its monthly Facts for Industry release "Pulp, Paper and Board" has reported data on woodpulp production, inventories, and consumption by grade.

In most years since 1899 for which data are available, woodpulp production has been reported by State. In recent years Census reports show woodpulp production by grade, region, and State.

"Paper and paperboard" (col. 7). Only value data on paper production were collected in the decennial censuses of 1809, 1819, 1839, 1849, and 1869. From these value data total production of paper was estimated, supplemented by an estimate showing production by grade of paper for 1810. Since 1869 in all years during which data were published, paper production was reported in quantity terms broken down by newsprint, book paper, coarse paper, fine paper, container board, and other major grades. In the last several years, the Bureau of the Census in its monthly Facts for Industry release "Pulp, Paper and Board" has reported production for nearly 40 grades of paper and paperboard. The annual summary of the monthly reports has shown production of the major grades of paper by State and total production by nearly 200 different separate grades of paper and paperboard.

Net imports of pulpwood, woodpulp, and paper and paperboard (cols. 2, 5, and 8). Source: See source and text for table 14, columns 4-11. Net imports represent gross imports minus gross exports.

Domestic production of turpentine and rosin (cols. 10-11). Source: U. S. Department of Agriculture, Agricultural Marketing Service, "Naval Stores Statistics 1900-1954" and Commodity Stabilization Service, "World Trends in Supply, Distribution and Prices of Naval Stores."

Data for the years 1900-31 were derived from trade estimates as published in "Gamble's International Naval Stores Yearbook." Data for subsequent years were collected and published by the Bureau of Agricultural and Industrial Chemistry (1932-46) and Agricultural Marketing Service (1947-56).

Naval stores include turpentine, rosin, pine tar, pine oil, rosin oil, dipentene, and tall oil derived from either pine gum or pine wood. Turpentine and rosin are the major naval stores products.

Supplementary data showing naval stores consumption and stocks are available in the Agricultural Marketing Service publication, "Naval Stores Statistics, 1900-54." Data showing production by type of extraction process, consumption of turpentine and rosin by type of industrial user (1922-54), and average price and value of gum naval stores are also included.

Beginning with the 1948 crop year, the Agricultural Marketing Service in the report "Naval Stores Statistics" has published monthly production, stock, and export data for all naval stores except rosin oil. Information on consumption, prices, and stocks at consumption points which is not covered in the monthly report is included in the Agricultural Marketing Service annual naval stores report.

Table 19.--Timber products: Estimated production, net imports, and new supply of round timber products (fuelwood excluded)

Industrial timber products (cols. 1-13). Industrial timber products include all products, except fuelwood, commonly cut from round sections of trees. Items such as Christmas trees, Christmas greens, naval stores, and other nontimber forest products are not included.

The production, imports, and exports of timber products as reported by the Bureau of the Census, the Forest Service, and trade and other sources are customarily shown in a wide variety of units, such as board-feet, cubic feet, cords, pieces, linear feet, and variations of these units. In this tabulation appropriate factors have been used to convert the various products to standards units of measure (cubic feet, roundwood) so that one product can be properly compared with another, or all can be combined and treated as a group. Cubic feet, roundwood is a measure of the roundwood volume of a log or bolt (excluding bark) from which the various products such as lumber and veneer are cut.

"Sawlogs" (cols. 4-6). See source and text for table 14, columns 1 and 4-11. Estimates of lumber production and net imports given in table 14 have been converted to cubic feet, roundwood on a basis of 156 cubic feet per thousand board-feet tally.

"Veneer logs" (cols. 7-9). See source and text for table 17, columns 1-3. Estimates of veneer log production, local log rule, in table 17 were converted to cubic feet, roundwood on the basis of 170 cubic feet per thousand board-feet.

Net imports of veneer logs and bolts as shown in column 8 represent the equivalent net imports of veneer and plywood converted to board-feet, log scale and then to cubic feet, roundwood. The small volumes of veneer logs and bolts imported into this country are included in column 7 under Production.

"Pulpwood" (cols. 10-12). Source: See source and text for table 18, columns 1, 2, 5, and 8. Domestic pulpwood production, net pulpwood imports, and the pulpwood equivalent of the net woodpulp and paper and paperboard imports in table 18 have been converted to cubic feet, roundwood on the basis of 77 cubic feet per cord. "Domestic production", column 10, excludes small volumes of plant residues used for pulpwood.

"Other products" (col. 13). Source: U. S. Department of Agriculture, Forest Service, and U. S. Department of Commerce, Bureau of the Census, "Census of Manufactures" and special reports under various titles. "Other products" includes coopeage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, turnery bolts, shingle bolts, and a miscellaneous assortment of similar items.

Fairly complete data are available for some items included in column 13. For example, the Forest Service and the Bureau of the Census, acting either individually or in cooperation, published data which could be used to estimate the production of coopeage logs for the years 1905-11, 1918-19, biannually 1919-39, 1947, and 1952. Similar information covering about the same years was published by these two agencies for hewn ties and poles. For some products, particularly poles, data reported by the Forest Service in cooperation with the American Wood Preservers' Association in "Wood Preservation Statistics" are used as an indicator of production. Production estimates for mine timbers and other miscellaneous items have been based on periodic surveys made by the Forest Service or the Bureau of the Census.

Most of the products included in column 13 enter the foreign trade of the United States. The quantities involved, however, are small.

Table 20.--Prices: Stumpage, log, and lumber prices for selected species

Stumpage prices (cols. 1-4). Source: U. S. Department of Agriculture, Forest Service. See source and text for table 2. All national-forest prices in this table are bid prices for timber sold on a Scribner Decimal-C log scale basis.

"Douglas-fir" (col. 1). Data for the years 1918-31 represent national-forest timber sales of all species in Washington and Oregon; 1932-41 all species in western Washington and western Oregon; and 1944-56 National Forest and Bureau of Land Management sales, Douglas-fir only, in western Washington and western Oregon.

"Southern Pine" (col. 2). Data for the years 1910-34 represent stumpage prices of privately owned second-growth southern pine timber as reported in U. S. Department of Agriculture Technical Bulletin 626, "Stumpage Prices of Privately Owned Timber in the United States"; 1935-49 national-forest timber sales of all southern species; and 1950-56 national-forest timber sales of southern pine only.

"Sugar and ponderosa pine" (cols. 3-4). All years represent national-forest timber sales of these species in California.

Douglas-fir log prices (cols. 5-6). Source: U. S. Department of Agriculture, Forest Service, The Pacific Northwest Loggers Association, and "The Timberman." Data for the years 1910-32 were derived from trade estimates as published in the magazine, "The Timberman." Data for subsequent years were derived from a compilation of average annual regional log values based on transactions shown in the Pacific Northwest Loggers Association report, "Composite Sale Analyses."

Douglas-fir lumber prices (col. 7). Source: U. S. Department of Commerce, Bureau of the Census; U. S. Department of Agriculture, Forest Service; and West Coast Lumbermen's Association. Data for the years 1910-29 were derived from Census and/or Forest Service reports on lumber (see source and text for table 14, column 1). Data for the years 1930-56 were derived from publications of the West Coast Lumbermen's Association, which show average realization on lumber shipments f.o.b. mill.

Stumpage prices of private timber sales and log prices were compiled by major species and principal producing regions during the period 1900-34 and published by the U. S. Department of Agriculture in Technical Bulletin 626, "Stumpage Prices of Privately Owned Timber in the United States." Comparable data for the years 1935-43 and 1945 were published by the same agency in Statistical Bulletins 57, 62, 66, 71, 75, 76, 78, 79, 80, and 82. Prices shown in the publications referred to were obtained through a mail canvass of

timber sellers and buyers, such as independent loggers, sawmill operators, and other wood-using industries. The unit prices reported are of variable accuracy since exact information was lacking on timber volume, quality, accessibility, and other factors that determine stumpage and log prices. These data, however, constitute a comprehensive price series on private stumpage and log prices during earlier years and are considered useful in charting general trends and timber values.

Data on lumber values per thousand board-feet f.o.b. mill are available for specified years in Department of Agriculture Miscellaneous Publication 669, "Lumber Production in the United States 1799-1946" (see source and text for table 14, column 1). Data on lumber prices and price indexes have also been published by the Bureau of Labor Statistics since 1890. The publications of the Bureau of Labor Statistics vary in detail from year to year but usually give the average price f.o.b. mill or at some stated delivery point for various species and grades of lumber.

Table 21.--Prices: Wholesale price indexes of selected timber products

Wholesale price indexes (cols. 1-5). Source: U. S. Department of Labor, Bureau of Labor Statistics. For general information on prices and indexes published by this agency, see text relating to table 23 below.

"Lumber" (col. 1). Data for the years 1900-12 were converted to a 1947-49 base by the Forest Service from an index (1935-39 = 100) of wholesale lumber prices published by the U. S. Department of Commerce, Bureau of the Census, in the publication "Raw Materials in United States Economy 1900-1952." Data for 1913-25 were similarly converted from an index (1926 = 100) published by the Bureau of Labor Statistics in its monthly and/or annual publications, "Wholesale Price Indexes." Data for the years 1926-56 have been published by the Bureau of Labor Statistics on the 1947-49 base.

The Bureau of Labor Statistics began publishing price data on lumber in 1890 with a series that showed wholesale prices per thousand board-feet (with price indexes) for several important lumber species (grades were shown for some species) at designated points. In 1913 coverage was expanded and an index for all lumber was added. Currently an all-lumber price index along with prices and price indexes for 21 lumber species, supplemented by grade information for the major species, is published.

"Plywood" (col. 2). Price index for softwood plywood, interior grade A-D. Data for the years 1936-46 represent Forest Service estimates based on unpublished Bureau of Labor Statistics data; data for the years 1947-56 as published by Bureau of Labor Statistics in "Wholesale Price Indexes." Price indexes, including an average index, and prices for five grades of plywood are currently published.

"Woodpulp" (col. 3). Data on woodpulp prices (sulfite domestic unbleached) were first published by the Bureau of Labor Statistics in 1913. In 1926 a more comprehensive series covering selected grades of woodpulp and an average wholesale price index was instituted. Currently wholesale prices and price indexes, including an average woodpulp index, are published covering five grades of woodpulp.

"Paper" (col. 4). Data on wholesale prices and price indexes for newsprint and manila wrapping paper were first collected and published by the Bureau of Labor Statistics in 1890. In 1926 a more comprehensive series along with an average wholesale price index covering selected grades of paper was instituted. Currently the Bureau of Labor Statistics reports an all paper index and prices and/or price indexes for 10 grades of paper.

"Paperboard" (col. 5). Price and price index reporting for paperboard was started by the Bureau of Labor Statistics in 1926, and current reports include data on 10 grades of paperboard.

In addition to reporting on paper and paperboard, the Bureau of Labor Statistics publishes wholesale price indexes and prices for several converted paper products, such as paper bags, sanitary papers, etc., and waste paper.

Table 22.--Prices: Lumber wholesale price index

Lumber wholesale price index. Base 1910-14 = 100. Source: Cornell University Agricultural Experimental Station. "Wholesale Prices for 213 Years, 1720 to 1932," Memoir 142, 1932, Part I, table 49, pages 107-119. Prior to 1915 various lumber species at different delivery points were used in constructing this index. These are described in detail in the publication. After 1914 the index numbers are based on the lumber index published by the Bureau of Labor Statistics.

Table 23.--Prices: Wholesale price index of all commodities

Wholesale price index of all commodities. Source: All years 1749-1800 Cornell University Agricultural Experiment Station "Wholesale Prices for 213 Years, 1720-1932," Memoir 142, 1932, Part I, pages 7 and 8; 1801-1840 Bureau of Labor Statistics "Wholesale Prices 1890-1923" Bulletin 367, Appendix F, pages 235-248; 1841-1889 "Wholesale Prices, Wages and Transportation" Senate Report 1394, 52d Congress, 2d Session, Part I, page 9; and 1890-1956 Bureau of Labor Statistics "Wholesale Price Index."

The wholesale price index of all commodities is a general-purpose index designed to provide a continuous annual or monthly series showing "real" or "pure" price changes for all commodities sold in primary markets in the United States. The index for the earlier years was based upon a limited number of commodities. Gradually commodity coverage has expanded and at the present some 2,000 individual commodities are included.

The title "wholesale" as used in this index refers to sales in large lots, not to the prices paid or received by wholesalers, distributors, or jobbers. The price data used in constructing the index are those which apply at primary market levels, i.e., the first commercial transaction for each commodity. Most of the quotations represent selling prices of representative manufacturers or producers, or prices quoted on organized exchanges or markets.

Transportation costs are included in the wholesale price index only when they are directly included in the primary market price. As a general rule, prices are f.o.b. production or central marketing points and do not reflect changes in transportation costs. Delivered prices are included only when the customary practice of the industry is to quote on this basis. Subsidies and direct excise taxes are excluded from the index insofar as possible.

The wholesale price index of all commodities has three main uses: (1) As a measure of price movements at the wholesale level; (2) as a measure of the purchasing power of the dollar; and (3) as a general yardstick with which other prices and price indexes can be compared.

In using the wholesale price index of all commodities, however, some limitations must be kept in mind. The index is designed to measure the general rate and direction of price changes and not the absolute level of prices. The index is not a true measure of the general purchasing power of the dollar since it does not include prices at retail or prices of securities, real estate, services, construction, and transportation. In addition, some real price changes are not measured, such as changes in quality and hidden discounts.