

FOREST EXPLOITATION AND REFORESTATION

Table 15

Period	Cut Over	Reforested	Percent of Cut Over Area Reforested	Che
				Cumulative Area in Need of Reforestation
<u>Fiscal Year Totals (Beginning 1 April)</u>				
1930	368,100	321,660	87.4	152,966
1931	390,001	335,899	86.1	207,068
1932	444,691	341,784	76.9	309,975
1933	426,202	352,407	82.7	383,770
1934	451,331	386,479	85.6	448,622
1935	426,050	349,220	82.0	525,452
1936	469,304	372,288	79.3	622,468
1937	462,230	371,499	80.4	713,199
1938	485,202	407,900	84.1	790,501
1939	534,191	416,232	77.9	908,460
1940	567,952	421,352	74.2	1,055,060
1941	668,770	639,152	95.6	1,084,678
1942	747,333	686,046	91.8	1,145,965
1943	757,557	512,895	67.7	1,390,627
1944	713,074	407,373	57.1	1,696,328
1945	736,870	473,620	64.3	1,959,578
1946	861,539	397,308	46.1	2,423,809
1947	771,760	456,941	59.2	2,738,628
1948 ^a	725,721	424,079	58.4	3,040,270

^a Estimate subject to change.

SOURCE: Bureau of Forestry, Ministry of Agriculture and Forestry.

Bureau

PINE BARK BEETLE DAMAGE TO FORESTS

Table 17

Period	Area (Che)			Cumulative	Volume (Koku)			As Shown
	National Forest	Private Forest	Total		National Forest	Private Forest	Total	
<u>Fiscal Year Totals (Beginning 1 April)</u>								

Table 17

Period	Area (Che)				Volume (Koku)				As Shown
	National Forest	Private Forest	Total	Cumulative	National Forest	Private Forest	Total	Cumulative	
<u>Fiscal Year Totals (Beginning 1 April)</u>									
1930									
1931									
1932	107	3,900	4,007	4,007	6,994	35,060	42,054	42,054	
1933	113	4,000	4,113	8,120	11,378	46,100	57,478	99,532	
1934	17	3,000	3,017	11,137	13,429	47,400	60,829	160,361	
1935	44	4,800	4,844	15,981	7,303	51,100	58,403	218,764	
1936	183	21,200	21,383	37,364	25,010	55,200	80,210	298,974	
1937	364	35,702	36,066	73,430	12,830	96,861	109,691	408,665	
1938	123	34,300	34,423	107,853	34,753	553,040	587,793	996,458	
1939	253	42,403	42,656	150,509	58,492	640,781	699,273	1,695,731	
1940	328	68,035	68,363	218,872	51,961	897,717	949,678	2,645,409	
1941	695 ⁶⁵⁹	77,970	78,629	297,501	128,463	1,006,838	1,135,301	3,780,710	
1942	690	79,781	80,471	377,972	129,094	1,568,162	1,697,256	5,477,966	
1943	1,475	107,814	109,289	487,261	96,274	1,404,006	1,500,280	6,978,246	
1944	3,462	52,056	55,518	542,779	151,556	1,437,605	1,589,161	8,567,407	
1945	2,972	45,728	48,700	591,479	247,318	1,179,876	1,427,194	9,994,601	
1946	11,005	46,227	57,232	648,711	1,147,291	2,187,564	3,334,855	13,329,456	
1947	42,623	133,252	175,875	824,586	901,589	2,962,205	3,863,794	17,193,250	
1948	24,554	181,125	205,679	1,030,265	812,768	4,561,535	5,374,303	22,567,553	

SOURCE: Forestry Bureau, Ministry of Agriculture and Forestry.

Data is OK 21 Jul 49

LOG PRODUCTION

Table 1.

1,000 cubic feet

Period	General Use Logs	Mine Timbers	Railroad Tie Logs	Telephone poles	Pulp Logs	Veneer Logs	Piling	Total
<u>Fiscal Year Monthly Averages</u>								
1930								35,107
1931								33,724
1932								35,667
1933								42,592
1934								53,286
1935								54,218
1936								55,430
1937								58,387
1938								65,427
1939								77,418
1940								75,733
1941								78,890
1942								73,346
1943	66,624 a/	8,593	1,779	585	3,435	1,072		82,088
1944	71,932 a/	9,504	1,512 1,513	602	3,224	541	a/	82,088 82,087
							a/	87,315
1945	44,505 a/	4,876	679	178	2,342	575		53,155
1946	48,052 a/	6,238	891	129	2,564	757	a/	58,631
1947	50,604	7,153	1,302	431	2,297	809	a/	62,743
	46,771	5,780	849	382	2,728	497	147 90	57,097
<u>Monthly Totals</u>								
1945								
Sep								
Oct								
Nov								
Dec								
1946								
Jan								
Feb								
Mar								
Apr	38,354 a/	5,872	1,183	76	2,275	776		48,536
May	38,304 a/	5,068	550	116	1,563	859	a/	46,460
Jun							a/	43,999
Jul							a/	
Aug							a/	
Sep							a/	
Oct							a/	
Nov							a/	
Dec							a/	

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Jan										
Feb										
Mar										
Apr	38,354	a/	5,872	1,183	76	2,275	776	a/	48,536	
May	38,304	a/	5,068	550	116	1,563	859	a/	46,460	
Jun	36,037 36,036	a/	4,247	704	104	2,459	449	a/	43,999	
Jul	36,181	a/	4,580	646	60	3,182	561	a/	45,210	
Aug	38,893	a/	5,130	843	116	2,896	556	a/	48,434	
Sep	49,015		6,849	785	133	2,150	628	59	59,619	
Oct	45,395		6,299	741	134	1,821	553	109	55,052	
Nov	42,797		5,635 5,634	780	90	2,223	555	90	52,170	
Dec	43,981		5,147	1,033	83	1,715	496	95	52,550	
1947										
Jan	46,858		6,108	696	197	1,614	654	218	56,345	
Feb	69,723		7,701	1,187	176	4,358	1,326 1,325	241	84,712	
Mar	90,140		12,215	1,545	261 262	4,517	1,669	138 137	110,485	
Apr	63,020 63,021		8,938	1,249	249	5,326	1,513	142	80,437	
May	52,682		7,598	1,428 1,429	563	2,345	941	255	65,812	
Jun	51,263		7,295	1,161	365 366	2,495	931	85	63,595 63,594	
Jul	41,966		5,553	1,125	222	1,799	578	82	51,325	
Aug	46,106		6,226	807	489	2,217	818	121	56,784	
Sep	45,619		5,644	877	570	1,921	523	334 335	56,488	
Oct	46,717 46,718		6,505	1,719	474	1,425	578	100	57,518	
Nov	39,953		6,454	1,160	440	1,557	496	84	50,144 50,143	
Dec	44,235		6,462 6,461	1,237	457	1,725	382	89	54,587	
1948										
Jan	46,261		6,913	1,310	300	1,481	620	223	57,108	
Feb	57,544		7,839	1,686	450	2,498	988	129	71,134	
Mar	71,878		10,407	1,863	592	2,775	1,340	129 130	88,984	
Apr	50,538.3		7,839.0	1,630.3	421.6	2,049.9	899.2	112.0	63,490.3	
May	49,610.6		6,092.8	1,037.7	356.7	2,225.8	872.6	159.2	60,355.4	
Jun	43,688.9		5,377.3	896.2	386.2	2,380.1	548.3	87.5	53,364.5	
Jul	43,690.8		4,480.1	866.7 866.7 OK	268.3 268.3	4,274.8	541.5	28.5	54,150.7	
Aug	45,856.7		4,932.2	678.0 678.1	294.8	2,569.8 2,569.7	387.2	154.3	54,873.0	
a/ Piling is included in figures for general use logs.										
Sep	43,464.8		6,029.8	533.4 533.4	315.5	2,415.5	210.3	61.9	53,041.2	
Oct	38,296.8 38,496.3		4,711.1	670.2 670.2	767.5	3400.0	339.0	1,589.0	272.2 279.1	
SOURCE: Ministry of Agriculture and Forestry.										
Nov	39,709.9 39,718.8		4,932.2	816.6	400.0	1,730.5 1,730.5	187.7	66.8	47,843.7	
Dec	45,518.7		4,994.1	991.5	437.3	1,830.8	268.3	87.4	54,128.1	
1949	Jan		43,616.2	5,400.9	626.0	378.3	2,118.7	211.3	64.8	52,416.2
	Feb		51,343.1	6,953.6	610.3	398.0	3,563.3	420.6	106.1	63,395.0
	Mar		65,711.2	7,620.8	719.3	586.7	5,984.6	1,137.0	78.6	81,838.2

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775015

LOG STOCKPILES

Table 2

1,000 koku

Period	General Use Logs	Mine Timbers	Railroad Tie Logs	Telephone Poles	Pulp Logs	Veneer Logs	Piling	Total
1930								
1931								
1932								
1933								
1934								
1935								
1936								
1937								
1938								
1939								
1940								
1941								
1942								
1943								
1944								
1945								
1946								
1947								
<u>End of Month</u>								
1945								
Sep								
Oct								
Nov								
Dec								
1946								
Jan								
Feb								
Mar								
Apr	18,985.4 a/	2,429.8	332.2	146.4	2,400.9	318.0		24,612.7
May	20,244.3 a/	2,508.4	678.5	96.8	2,204.3	446.1	a/	26,178.4
Jun	18,826.3 a/	2,508.4	678.5	96.8	2,187.9	394.4	a/	25,736.5

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1946

Jan									
Feb									
Mar									
Apr	18,985.4	a/	2,429.8	332.2	146.4	2,400.9	318.0	a/	24,612.7
May	20,244.3	a/	2,508.4	678.5	96.8	2,204.3	446.1	a/	26,178.4
Jun	19,976.1	a/	2,528.1	577.0	87.0	2,183.9	384.4	a/	25,736.5
Jul	18,600.3	a/	2,126.1	560.3	74.5	1,980.1	422.4	a/	23,763.7
Aug	17,680.5	a/	2,131.4	503.2	142.3	1,553.2	308.0	a/	22,318.6
Sep	16,371.0	a/	2,159.2	477.2	54.0	1,623.9	354.2	a/	21,039.5
Oct	16,300.6		2,097.4	472.7	57.8	1,844.1	309.3	29.8	21,111.7
Nov	17,000.5		2,004.7	436.9	60.9	1,627.3	287.3	50.7	21,468.3
Dec	15,901.6		1,921.2	576.0	52.4	1,788.2	344.2	22.1	20,605.7

1947

Jan	15,221.0		2,038.7	476.8	81.5	1,830.1	461.2	10.2	20,119.5
Feb	15,459.3		1,965.0	444.1	50.4	1,610.9	275.1	13.1	19,817.9
Mar	18,599.5		2,577.3	580.1	68.0	2,168.0	493.2	3.9	24,490.0
Apr	19,445.2		2,461.1	666.8	111.9	2,112.6	579.5	17.8	25,394.9
May	20,141.1		2,666.6	660.4	78.5	2,103.8	643.9	25.2	26,319.5
Jun	19,844.3		2,826.3	639.6	84.5	2,409.1	658.0	29.4	26,491.2
Jul	19,263.3		2,932.9	599.9	93.9	2,609.6	656.7	34.9	26,191.2
Aug	18,163.9		2,764.3	534.4	90.8	2,382.1	525.9	41.0	24,502.4
Sep	17,630.3		2,774.4	461.0	102.9	2,282.5	489.4	56.2	23,796.7
Oct	16,921.8		2,695.3	477.8	100.9	2,309.5	455.7	21.9	22,982.9
Nov	16,167.0		2,715.7	354.5	85.3	2,218.1	453.3	34.3	22,028.2
Dec	16,076.6		2,904.7	445.5	91.8	2,145.5	434.9	40.1	22,139.1

1948

Jan	16,331.8		3,098.5	530.1	101.2	2,203.1	381.9	30.1	22,676.7
Feb	17,464.4		3,214.9	594.6	107.7	2,395.7	432.0	22.1	24,231.4
Mar	18,012.5		3,246.3	676.0	107.2	2,399.7	459.2	35.2	24,936.1
Apr	20,769.4		3,203.2	651.9	144.9	2,421.9	737.2	34.4	27,962.9
May	18,300.8		3,083.0	554.1	129.2	2,319.2	619.3	26.3	25,031.9
Jun	16,424.6		2,891.3	569.5	121.6	2,042.2	474.6	18.6	22,542.4
Jul	14,639.1		2,542.4	505.0	104.9	2,124.5	449.6	30.1	20,395.6
Aug	14,516.6		2,588.6	652.7	112.0	1,781.3	403.8	26.3	20,081.3

Unit: 1000 Cuft

a/ Piling is included in figures for general use logs.

Sep	134,771.4	23,810.8	4,485.0	963.0	18,027.6	3,405.1	179.9	185,642.8
Oct	133,348.5	22,983.4	4,117.5	1,055.4	16,586.0	3,411.0	198.5	181,700.2
Nov	126,594.4	20,655.4	3,997.6	1,066.2	14,602.9	2,614.0	198.5	169,729.0
Dec	122,787.4	20,384.1	3,598.6	1,123.2	14,655.0	2,440.1	177.9	165,166.3

SOURCE: Ministry of Agriculture and Forestry.

Grand Total
(185,642.8)
(181,700.2)

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FORESTRY

LUMBER PRODUCTION

Table 3. 1,000
bd Feet

Period

Fiscal Year Monthly
Averages

1930	205,980
1931	197,760
1932	209,060
1933	244,790
1934	312,340
1935	344,570
1936	359,990
1937	364,110
1938	358,970
1939	420,750
1940	349,470
1941	437,660
1942	413,290
1943	365,740
1944	323,860
1945	193,820
1946	237,320
1947	288,565 ⁹⁶⁸
1948	337,709 ^{334,743}

Monthly Totals

1945

Aug	
Sep	139,554
Oct	150,299
Nov	163,434
Dec	167,507

1946

Jan	130,762
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figures

LUMBER STOCKPILES

Table 4. 1,000 Koku

Period

Fiscal Year Monthly
Averages

1930	
1931	
1932	
1933	
1934	
1935	
1936	
1937	
1938	
1939	
1940	
1941	
1942	
1943	
1944	
1945	
1946	
1947	
1948	

End of Month

1945

Aug	
Sep	
Oct	
Nov	
Dec	

1946

Jan	
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PLYWOOD PRODUCTION

Table 5. 1,000
Square Feet

Period

Fiscal Year Monthly
Averages

1930	7,958
1931	8,875
1932	12,375
1933	17,917
1934	26,468
1935	34,969
1936	51,470
1937	65,721
1938	46,498
1939	63,833
1940	69,286
1941	60,731
1942	20,703
1943	18,842
1944	18,594
1945	7,921
1946	14,446
1947	14,421
1948	21,786

Monthly Totals

1945

Aug	2,651
Sep	4,148
Oct	6,131
Nov	5,148
Dec	6,540

1946

Jan	7,874
Feb	8,403

PLYWOOD STOCKPILES

Table 6. 1,000
Square Shaku

Period

Fiscal Year Monthly
Averages

1930	
1931	
1932	
1933	
1934	
1935	
1936	
1937	
1938	
1939	
1940	
1941	
1942	
1943	
1944	
1945	
1946	
1947	
1948	

End of Month

1945

Aug	
Sep	
Oct	
Nov	
Dec	

1946

Jan	
Feb	

Year	Month	Value	Year	Month	Value	Year	Month	Value
1946	Oct	160,159	Oct		6,131	Oct		
	Nov	165,434	Nov		5,148	Nov		
	Dec	167,507	Dec		6,540	Dec		
	Jan	130,752	Jan		7,874	Jan		
	Feb	154,800	Feb		8,403	Feb		
	Mar	187,580	Mar		16,151	Mar		
	Apr	183,156	Apr	1,222.2	14,041	Apr	7,721.0	
	May	196,716	May	1,766.6	21,740	May	9,937.0	
	Jun	219,240	Jun	1,569.1	14,956	Jun	12,152.0	
	Jul	222,096	Jul	1,637.5	15,073	Jul	16,185.0	
	Aug	245,628	Aug	1,633.0	15,271	Aug	22,826.0	
	Sep	268,476	Sep	1,700.8	14,068	Sep	16,489.0	
Oct	267,948	Oct	1,643.7	11,120	Oct	11,103.0	10,293.0	
Nov	254,400	Nov	1,899.1	11,942	Nov	13,008.0		
Dec	241,980	Dec	1,686.6	11,482	Dec	13,165.0		
1947	Jan	227,712	Jan	1,631.5	11,264	Jan	12,670.0	
	Feb	242,424	Feb	1,613.8	13,516	Feb	9,760.0	
	Mar	278,064	Mar	1,961.0	18,878	Mar	12,881.0	
	Apr	296,520	Apr	2,003.1	13,850	Apr	13,773.0	
	May	299,724	May	2,270.8	18,529	May	8,584.0	
	Jun	303,552	Jun	2,153.2	19,758	Jun	12,631.0	
	Jul	285,552	Jul	2,106.4	19,608	Jul	16,081.0	
	Aug	279,576	Aug	2,150.1	18,375	Aug	22,386.0	
	Sep	293,148	Sep	2,352.5	15,315	Sep	21,230.0	
	Oct	290,952	Oct	2,280.8	8,737	Oct	22,566.0	
	Nov	270,576	Nov	2,302.3	12,499	Nov	23,639.0	
	Dec	275,736	Dec	2,350.7	8,122	Dec	16,710.0	
1948	Jan	280,776	Jan	2,407.3	12,542	Jan	19,891.0	
	Feb	291,192	Feb	2,402.6	9,482	Feb	22,111.0	
	Mar	300,312	Mar	2,576.3	16,236	Mar	23,135.0	
	Apr	321,084	Apr	2,158.5	14,239	Apr	16,354.0	
	May	347,484	May	1,802.2	24,302	May	29,989.0	
	Jun	336,240	Jun	1,731.3	19,455	Jun	17,763.0	
	Jul	320,700	Jul	1,566.9	17,215	Jul	27,075.5	26,765.0
	Aug	323,340	Aug	1,570.4	17,133	Aug	20,388.8	20,155.0
	Sep	308,628		201,816,000	27,675		26,804,000	27,500,000
	Oct	326,316		188,572,000	21,453		30,343,000	
	Nov	333,372		191,556,000	16,173		21,988,000	
	Dec	357,588		198,168,000	26,118		21,300,000	
1948 Jan	329,208		175,644,000	20,088		24,806,000		
Feb	347,736		168,816,000	28,752		20,959,000		
Mar	367,620		154,380,000	28,830		20,295,000		

SOURCE: Ministry of Agriculture and Forestry.

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FIREWOOD AND CHARCOAL STOCKPILES

Table 10 Period	In Production Area Firewood (Soseki- Koku)	As shown Charcoal (Metric Tons)	Gasmaki (metric tons)
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As of 31 March

1930			
1931			
1932			
1933		286,440	286,440
1934		224,513	224,513
		322,519	322,519
1935		322,519	287,069
1936		287,069	174,473
1937		174,473	299,361
1938		299,361	190,867
1939		190,867	NA
1940		NA	
1941		154,078	
1942		43,666	
1943		73,251	
1944	1,338,963	130,914	
1945	3,709,733	353,092	
1946	2,106,000	175,600	
1947	2,554,803	193,263	
1948	2,814,333	167,904	
1949			

End of Month
Monthly

1945
Sep
Oct
Nov
Dec

1946
Jan
Feb
Mar

Dec

1946

Jan

Feb

Mar

Apr

1,922,000

163,500

May

1,876,556

159,049

Jun

1,556,969

141,951

Jul

1,383,893

122,340

Aug

1,431,363 1,431,363

119,262

Sep

1,523,333

134,741

Oct

1,639,499

112,514

Nov

1,551,070

131,247

Dec

1,751,425

141,049

1947

Jan

2,021,903

170,788

Feb

2,278,465

174,879

Mar

2,554,803

193,263

Apr

2,318,307

180,498

May

2,147,375

167,841

Jun

1,949,446

134,669

Jul

2,063,371

115,786

Aug

2,022,308

129,448

Sep

2,356,912

142,030

Oct

2,560,073

151,130

Nov

2,362,041

134,934

Dec

2,599,935

137,390

1948

Jan

3,150,195

164,728

Feb

2,870,186

182,458

Mar

2,814,333

167,904

Apr

3,210,098

175,920

May

2,783,455

155,540

Jun

2,723,461

128,161

Jul

2,803,318

144,980

Aug

2,831,474

153,825

Sep

3,798,581

179,907

29,319

Oct

4,792,595

184,160

40,763

SOURCE: Ministry of Agriculture and Forestry.

Nov

3,748,197

182,527

41,350

Dec

3,481,026

172,401

49,177

PULPWOOD DELIVERIES TO MILLS BY SPECIES

Table 11.

Koku

Period	Yedo Yezo Spruce a/ and White Fir b/	Red Pine c/ and Black Pine d/	Japanese Cedar e/ and Japanese Cypress f/	Momi Fir g/ and Southern Japanese Hemlock h/	Siebold's Beech i/ and other Hardwoods	Live Oak j/ Stendish Arborvi- tae k/ and Cypress l/	Japanese Sawmill Larch m/ Waste	Total Pulpwood Deliveries to Mills
--------	---	--	---	--	---	---	--	---

Fiscal Year Monthly Averages

1930								
1931								
1932								
1933								
1934								
1935								
1936								
1937								
1938								
1939								
1940								
1941								
1942								
1943								
1944								
1945								
1946	122,861	118,912	7,244	7,185	6,920	623	152	264,510
1947	153,793	166,829	11,886	6,813	8,599	1,965	260	350,934
1948								

Monthly Totals

1945								
Sep								
Oct								
Nov								
Dec								
1946								
Jan								
Feb								
Mar								
Apr	60,821	92,025	12,591	6,727	6,919	34	0	179,423
							0	274,483

1946

Jan									
Feb									
Mar									
Apr	60,824	92,025	12,591	6,727	6,919	34	0	303	179,423
May	78,592	128,497	8,141	9,767	8,910	264	0	312	234,483
Jun	172,713	129,855	6,405	5,717	6,008	60	0	404	321,162
Jul	203,979	136,371	7,349	8,236	8,871	458	547	720	366,531
Aug	173,150	155,166	5,897	4,636	10,122	343	462	896	350,672
Sep	161,594	146,509	5,939	7,492	12,199	544	266	564	335,107
Oct	110,930	128,681	6,680	7,517	11,444	690	0	569	266,511
Nov	104,923	118,089	5,340	7,680	7,197	400	170	1,295	245,094
Dec	84,825	77,735	4,988	8,069	3,917	836	196	800	181,366

1947

Jan	56,882	85,779	5,087	5,791	1,592	1,547	183	590	157,451
Feb	141,712	111,626	7,742	8,714	1,895	1,565	0	417	273,671
Mar	124,208	116,606	10,770	5,873	3,964	733	0	493	262,647
Apr	115,610	104,492	9,828	7,388	5,328	656	0	678	243,980
May	202,376	150,260	8,277	8,815	6,122	1,578	195	1,007	378,630
Jun	189,237	186,561	10,623	5,987	11,705	839	365	1,418	406,735
Jul	184,530	158,522	9,577	2,844	10,742	1,070	360	1,382	369,027
Aug	186,155	191,985	12,899	5,351	9,315	974	297	865	407,841
Sep	222,141	176,218	13,042	3,521	12,095	3,723	79	472	431,291
Oct	144,562	199,367	11,882	1,958	15,831	388	330	624	374,942
Nov	106,692	154,125	10,812	7,851	10,299	1,605	441	532	292,357
Dec	95,453	141,058	9,784	9,893	3,930	4,871	34	449	265,472

1948

Jan	84,454	151,807	14,052	6,872	3,069	1,532	112	513	262,411
Feb	169,240	184,141	14,766	9,883	6,945	1,576	641	608	387,800
Mar	145,061	203,408	17,090	11,391	7,806	4,771	267	925	390,719
Apr	190,807	221,968	15,589	12,340	5,931	3,667	527	1,207	452,036
May	200,600	281,797	15,885	9,761	5,772	4,663	621	1,501	520,600
Jun	311,473	314,348	19,841	7,147	12,614	7,203	626	2,817	676,069
Jul	210,591	426,053	22,186	8,047	17,452	15,146	1,276	2,698	703,449
Aug	282,751	355,782	23,828	6,772	39,586	18,097	90	1,189	746,414
Sep	110,258	563,367	21,971	12,616	28,707	7,731	384	1,380	746,414
Oct	250,869	288,456	18,336	9,337	26,064	3,658	1,226	1,461	599,407
Nov	223,377	329,774	25,177	14,065	24,676	4,945	1,768	325	624,107
Dec	280,011	327,496	26,361	11,278	25,445	4,624	762	56	676,023

1946

Jan									
Feb									
Mar									
Apr	60,824	92,025	12,591	6,727	6,919	34	0	303	179,423
May	78,592	128,497	8,141	9,767	8,910	264	0	312	234,483
Jun	172,713	129,855	6,405	5,717	6,008	60	0	404	321,162
Jul	203,979	136,371	7,349	8,236	8,871	458	547	720	366,531
Aug	173,150	155,166	5,897	4,636	10,122	343	462	896	350,672
Sep	161,594	146,509	5,939	7,492	12,199	544	266	564	335,107
Oct	110,930	128,681	6,680	7,517	11,444	690	0	569	266,511
Nov	104,923	118,089	5,340	7,680	7,197	400	170	1,295	245,094
Dec	84,825	77,735	4,988	8,069	3,917	836	196	800	181,366

1947

Jan	56,882	85,779	5,087	5,791	1,592	1,547	183	590	157,451
Feb	141,712	111,626	7,742	8,714	1,895	1,565	0	417	273,671
Mar	124,208	116,606	10,770	5,873	3,964	733	0	493	262,647
Apr	115,610	104,492	9,828	7,388	5,328	656	0	678	243,980
May	202,376	150,260	8,277	8,815	6,122	1,578	195	1,007	378,630
Jun	189,237	186,561	10,623	5,987	11,705	839	365	1,418	406,735
Jul	184,530	158,522	9,577	2,844	10,742	1,070	360	1,382	369,027
Aug	186,155	191,985	12,899	5,351	9,315	974	297	865	407,841
Sep	222,141	176,218	13,042	3,521	12,095	3,723	79	472	431,291
Oct	144,562	199,367	11,882	1,958	15,831	388	330	624	374,942
Nov	106,692	154,125	10,812	7,851	10,299	1,605	441	532	292,357
Dec	95,453	141,058	9,784	9,893	3,930	4,871	34	449	265,472

1948

Jan	84,454	151,807	14,052	6,872	3,069	1,532	112	513	262,411
Feb	169,240	184,141	14,766	9,883	6,945	1,576	641	608	387,800
Mar	145,061	203,408	17,090	11,391	7,806	4,771	267	925	390,719
Apr	190,807	221,968	15,589	12,340	5,931	3,667	527	1,207	452,036
May	200,600	281,797	15,885	9,761	5,772	4,663	621	1,501	520,600
Jun	311,473	314,348	19,841	7,147	12,614	7,203	626	2,817	676,069
Jul	210,591	426,053	22,186	8,047	17,452	15,146	1,276	2,698	703,449
Aug	282,751	355,782	23,828	6,772	39,586	18,097	90	1,189	746,414

a/ Ezomatsu (*Picea jezoensis*).
b/ Todomatsu (*Abies mayriana*).
c/ Akamatsu (*Pinus densiflora*).
d/ Kuromatsu (*Pinus thunbergii*).
e/ Sugi (*Cryptomeria japonica*).
f/ Hinoki (*Chamaecyparis obtusa*).

g/ Momi (*Abies firma*).
h/ Tsuga (*Tsuga sieboldii*).
i/ Buna (*Fagus crenata*).
j/ Tsuburajii (*Shiia cuspidata*).
k/ Nezuko (*Thuja standishii*).
l/ Sawara (*Chamaecyparis pisifera*).
m/ Karamatsu (*Larix kaempferi*).

SOURCE: Japan Pulpwood Association.

PULPWOOD CONSUMPTION

Table 12 1,000 Cubic Feet

Period Pulpwood Consumption

Calendar Year Monthly Averages

1930	<i>Koku</i>	3,872	
1931		3,128	
1932		2,985	
1933		3,359	
1934		3,561	
1935		3,678	
1936		3,633	
1937		4,002	
1938		4,592	
1939		5,750	
1940		6,336	
1941		7,897	
1942		6,899	
1943		5,664	
1944		4,024	
1945		1,987	
1946		2,364	
1947	338,286	5,825	3,324
1948		4,860	

Monthly Totals

1945		
Sep		
Oct		
Nov		
Dec		
1946		
Jan		
Feb		
Mar		
Apr	248,333	2,440
May	245,568	2,413

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1946

Jan		
Feb		
Mar		
Apr	248,333	2,440
May	245,568	2,413
Jun	258,298	2,538
Jul	301,581	2,954
Aug	300,856	2,957
Sep	311,684	3,063
Oct	331,207	3,255
Nov	263,793	2,592
Dec	306,383	3,011

1947

Jan	225,785	3,319.5	2,218.8
Feb	234,191	3,302.1	2,301.4
Mar	338,358	3,326.1	3,325.0
Apr	288,263	2,833.6	2,832.8
May	304,358	2,991.8	2,990.9
Jun	354,290	3,482.7	3,481.6
Jul	380,597	3,740.9	3,740.1
Aug	383,731	3,772.1	3,770.9
Sep	409,622	4,026.8	4,025.4
Oct	407,937	4,010.0	4,008.8
Nov	396,456	3,897.2	3,896.0
Dec	335,849	3,301.4	3,300.4

1948

Jan	315,582	3,102.2	3,107.2
Feb	390,323	3,835.9	3,835.7
Mar		4,055.3	
Apr		4,405.5	
May		4,590.4	
Jun		5,628.6	

Jul	530,184	5,210.1	
Aug	512,902	5,040.3	
Sep	570,334	5,604.7	
Oct	534,998	5,257.4	

SOURCE: Japan Pulpwood Association.

NOV	616,066	6,054.1	
Dec	563,463	5,537.2	

BAMBOO STOCKPILES

Table 8

Period	As shown	
	Moso (Thousands of Pieces)	Other (Thousands of Bundles)

1930
1931
1932
1933
1934

1935
1936
1937
1938
1939

1940
1941
1942
1943
1944

1945
1946
1947

End of Month
~~As of Month End~~

1945
Sep
Oct
Nov
Dec

1946
Jan
Feb
Mar
Apr
May

91
154

224
354

PULPWOOD CONSUMPTION

Table 12

Period	1,000 cubic meters
	Pulpwood Consumption

Calendar Year Monthly Averages

1930 110
1931 89
1932 85
1933 95
1934 101

1935 104
1936 103
1937 113
1938 130
1939 163

1940 179
1941 224
1942 195
1943 160
1944 114

1945 56
1946 67
1947 94

Monthly Totals

1945
Sep
Oct
Nov
Dec

1946
Jan
Feb
Mar
Apr
May

69
68

1946		
Jan		
Feb		
Mar		
Apr	91	224
May	154	354
Jun	46	133
Jul	25	61
Aug	152	132
Sep	212	132
Oct	124	202
Nov	191	180
Dec	362	381
1947		
Jan	169	308
Feb	133	324
Mar	689	1,096
Apr	146	1,071
May	152	486
Jun	67	286
Jul	60	219
Aug	33	142
Sep	107	229
Oct	180	574
Nov	208	564
Dec	220	463
1948		
Jan	192	449
Feb	198	514
Mar	164	463
Apr	93	415
May	86	373
Jun	75	256
Jul	28	215
Aug	85	167
Sep	86	191
Oct	115	231
NOV	103	216
Dec	114	300

SOURCE: Ministry of Agriculture and Forestry.

1946	
Jan	
Feb	
Mar	
Apr	69
May	68
Jun	72
Jul	84
Aug	84
Sep	87
Oct	92
Nov	73
Dec	85
1947	
Jan	63
Feb	65
Mar	94
Apr	80
May	85
Jun	99
Jul	106
Aug	107
Sep	114
Oct	114
Nov	110
Dec	93
1948	
Jan	88
Feb	109
Mar	115
Apr	125
May	130
Jun	159
Jul	148
Aug	143
Sep	159
Oct	149
NOV	171
Dec	157

SOURCE: Japan Pulpwood Association.

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LOG PRODUCTION

Table 1 1,000 Cubic Meters

Period	General Use Logs	Mine Timbers	Railroad Tie Logs	Telephone Poles	Pulp Logs	Veneer Logs	Piling	Total
<u>Fiscal Year Monthly Averages</u>								
1930								994
1931								955
1932								1,010
1933								1,206
1934								1,509
1935								1,535
1936								1,570
1937								1,653
1938								1,853
1939								2,192
1940								2,145
1941								2,234
1942								2,077
1943	1,887 a/	243	50	17	97	30/	a/	2,324
1944	2,037 a/	269	43	17	91	15	a/	2,472
1945	1,260 a/	138	19	5	67	16	a/	1,505
1946	1,360 a/	177	25	4	73	21	a/	1,660
1947	1,433	203	37	12	65	23	4	1,777

Monthly Totals

1945								
Sep								
Oct								
Nov								
Dec								
1946								
Jan	1,086 a/	166	34	a	64	22	a/	1,374
Feb								
Mar								
Apr	1,086 a/	166	34	2	64	22	a/	1,374
May	1,085 a/	144	16	3	44	24	a/	1,316

1946								
Jan	1,086 a/	166	32	2	64	22	a/	1,374
Feb								
Mar								
Apr	1,086 a/	166	34	2	64	22	a/	1,374
May	1,085 a/	144	16	3	44	24	a/	1,316
Jun	1,020 a/	120	20	3	70	13	a/	1,246
Jul	1,024 a/	130	18	2	90	16	a/	1,280
Aug	1,101 a/	145	24	3	82	16	a/	1,371
Sep	1,388	194	22	4	61	18	1	1,688
Oct	1,285	178	21	4	52	16	3	1,559
Nov	1,212	160	22	2	63	16	2	1,477
Dec	1,245	146	29	2	49	14	3	1,488
1947								
Jan	1,327	173	20	6	46	18	6	1,596
Feb	1,974	218	34	5	123	38	7	2,399
Mar	2,553	346	44	7	128	47	4	3,129
Apr	1,785	253	35	7	151	43	4	2,278
May	1,492	215	40	16	66	27	7	1,863
Jun	1,452	207	33	10	71	26	2	1,801
Jul	1,188	157	32	6	51	17	2	1,453
Aug	1,306	176	23	14	63	23	3	1,608
Sep	1,292	160	25	16	54	15	9	1,571
Oct	1,323	184	49	14	40	16	3	1,629
Nov	1,131	183	33	13	44	14	2	1,420
Dec	1,253	183	35	13	49	11	2	1,546
1948								
Jan	1,310	196	37	8	42	18	6	1,617
Feb	1,629	222	48	13	71	28	3	2,014
Mar	2,035	295	53	17	78	38	4	2,520
Apr	1,431	222	46	12	58	26	3	1,798
May	1,405	173	29	10	63	25	4	1,709
Jun	1,237	152	25	11	67	16	3	1,511
Jul	1,237	127	24	8	121	15	1	1,533
Aug	1,299	140	19	8	73	11	4	1,554
Sep	1,231	171	15	9	68	6	2	1,502
Oct	1,084 1,190	133	19 22	10	45	8	2	1,301 1,310
a/ Piling is included in figures for General Use Logs.								
SOURCE: Ministry of Agriculture and Forestry.								
Nov	1,124	140	23	11	49	5	2	1,355
Dec	1,289	141	28	12	52	8	3	1,533

LOG STOCK PILES

Table 2

1,000 cubic meters

Date	General Use Logs	Mine Timbers	Railroad Tie Logs	Telephone Poles	Pulp Logs	Veneer Logs	Piling	Total
1930								
1931								
1932								
1933								
1934								
1935								
1936								
1937								
1938								
1939								
1940								
1941								
1942								
1943								
1944								
1945								
1946								
1947								
End								
<u>As of Month End</u>								
1945								
Sep								
Oct								
Nov								
Dec								
1946								
Jan								
Feb								
Mar								
Apr	5,283	a/ 676	92	41	668	89	a/	6,849
May	5,633	a/ 698	189	27	614	124	a/	7,285
					608	107	a/	7,162

Jan									
Feb									
Mar									
Apr	5,283	a/	676	92	41	668	89	a/	6,849
May	5,633	a/	698	189	27	614	124	a/	7,285
Jun	5,559	a/	703	161	24	608	107	a/	7,162
Jul	5,176	a/	592	156	21	551	117	a/	6,613
Aug	4,920	a/	593	140	40	432	86	a/	6,211
Sep	4,555	a/	601	133	15	452	99	a/	5,855
Oct	4,536	a/	584	132	16	513	86	8	5,875
Nov	4,731		558	121	17	453	80	14	5,974
Dec	4,425		535	160	14	498	96	6	5,734
1947									
Jan	4,236		567	133	23	509	128	3	5,599
Feb	4,302		547	124	14	448	76	4	5,515
Mar	5,176		717	162	19	603	137	1	6,815
Apr	5,411		685	186	31	588	161	5	7,067
May	5,605		742	184	22	585	179	7	7,324
Jun	5,522		787	178	24	670	183	8	7,372
Jul	5,360		816	167	26	726	183	10	7,288
Aug	5,055		769	149	25	663	146	11	6,818
Sep	4,906		772	128	29	535	136	16	6,622
Oct	4,709		750	133	28	647 643	127	6	6,398 ⁵
Nov	4,499		756	99	24	617	126	9	6,130
Dec	4,474		808	124	26	597	121	11	6,161
1948									
Jan	4,545		852	148	28	613	106	8	6,310
Feb	4,860		895	165	30	667	120	6	6,743
Mar	5,012		903	188	30	668	128	10	6,939
Apr	5,780		891	181	40	674	205	10	7,781
May	5,093		858	154	36	646	172	7	6,966
Jun	4,571		805	158	34	568	132	5	6,273
Jul	4,074		708 ⁷	141	29	591	125	8	5,676 ⁵
Aug	4,040		720	182	31	496	112	7	5,588

a/ Piling is included in figures for General Use Logs.

SOURCE: Ministry of Agriculture and Forestry.

sep	3,806	674	127	27	510	96	5	5,257
Oct	3,776	651	116	30	470	96	6	5,145
NOV	3,585	585	113	30	414	74	5	4,806
Dec	3,477	577	102	32	415	69	5	4,677

LUMBER PRODUCTION		LUMBER STOCK PILES		PLYWOOD PRODUCTION		PLYWOOD STOCKPILES	
Table 3	1,000 Cubic meters	Table 4	1,000 Cubic meters	Table 5	1,000 Square meters	Table 6	1,000 Square meters
Period	Production	Period	Stockpiles	Period	Production	Period	Stockpiles
<u>Fiscal year monthly averages</u>				<u>Fiscal year monthly averages</u>			
1930	486	1930		1930	739	1930	
1931	467	1931		1931	825	1931	
1932	493	1932		1932	1,150	1932	
1933	578	1933		1933	1,665	1933	
1934	737	1934		1934	2,459	1934	
1935	813	1935		1935	3,249	1935	
1936	849	1936		1936	4,782	1936	
1937	859	1937		1937	6,106	1937	
1938	847	1938		1938	4,319 ⁴³²⁰	1938	
1939	993	1939		1939	5,930	1939	
1940	825	1940		1940	6,437	1940	
1941	1,033	1941		1941	5,642	1941	
1942	975	1942		1942	1,923	1942	
1943	863	1943		1943	1,750	1943	
1944	764	1944		1944	1,727	1944	
1945	457	1945		1945	736	1945	
1946	560	1946		1946	1,342	1946	
1947	682	1947		1947	1,340	1947	

<u>Monthly Totals</u>		<u>End of Month End</u>		<u>Monthly Totals</u>		<u>End of Month End</u>	
1945		1945		1945		1946	
Sep	329	Sep		Sep	385	Sep	
Oct	355	Oct		Oct	570	Oct	
Nov	386	Nov		Nov	478	Nov	
Dec	395	Dec		Dec	608	Dec	
1946		1946		1946		1946	
Jan	309	Jan		Jan	732	Jan	
Feb	365	Feb		Feb	781	Feb	
Mar	443	Mar		Mar	1,500	Mar	
Apr	432	Apr	340	Apr	1,304	Apr	

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1946

Jan	309
Feb	365
Mar	443
Apr	432
May	464
Jun	516 517
Jul	524
Aug	580
Sep	634
Oct	632
Nov	600
Dec	571

1946

Jan	
Feb	
Mar	
Apr	340
May	492
Jun	437
Jul	456
Aug	454
Sep	473
Oct	457
Nov	529 528
Dec	469

1946

Jan	732
Feb	781
Mar	1,500
Apr	1,304
May	2,020
Jun	1,389
Jul	1,400
Aug	1,419
Sep	1,307
Oct	1,033
Nov	1,109
Dec	1,067

1946

Jan	
Feb	
Mar	
Apr	709
May	912
Jun	1,116
Jul	1,486
Aug	2,096
Sep	1,514
Oct	1,030 945
Nov	1,194
Dec	1,209

1947

Jan	537
Feb	572
Mar	656
Apr	700
May	707
Jun	716
Jul	674
Aug	660
Sep	692
Oct	687
Nov	638
Dec	651

1947

Jan	454
Feb	449
Mar	546
Apr	557
May	632
Jun	599
Jul	586
Aug	598
Sep	655
Oct	635
Nov	641
Dec	654

1947

Jan	1,047 1,046
Feb	1,256
Mar	1,754
Apr	1,287
May	1,721
Jun	1,836
Jul	1,822
Aug	1,707
Sep	1,423
Oct	812
Nov	1,161
Dec	754 755

1947

Jan	1,164 1,163
Feb	896
Mar	1,183
Apr	1,265
May	788
Jun	1,160
Jul	1,477
Aug	2,056
Sep	1,950 1,949
Oct	2,072
Nov	2,171
Dec	1,534

1948

Jan	662 663
Feb	687
Mar	709
Apr	758
May	820
Jun	793
Jul	757
Aug	763
Sep	728
Oct	770

1948

Jan	670
Feb	669
Mar	717
Apr	601
May	501
Jun	482
Jul	444 436
Aug	445 437
Sep	476
Oct	445

1948

Jan	1,165
Feb	881
Mar	1,508
Apr	1,323
May	2,258
Jun	1,807
Jul	1,599
Aug	1,592
Sep	2,571
Oct	1,823

1948

Jan	1,827
Feb	2,030
Mar	2,124
Apr	1,502
May	2,754
Jun	1,631
Jul	2,487 2,458
Aug	1,872 1,851
Sep	2,470
Oct	2,819

SOURCE: Ministry of Agriculture and Forestry.

Nov	787
Dec	844
1947 Jan	777
Feb	821
Mar	867

SOURCE: Ministry of Agriculture and Forestry.

Nov	492 452
Dec	468
1947 Jan	474
Feb	398
Mar	364

SOURCE: Ministry of Agriculture and Forestry.

Nov	1,503
Dec	2,426
1947 Jan	1,866
Feb	2,671
Mar	2,678

SOURCE: Ministry of Agriculture and Forestry.

Nov	2,043
Dec	1,979
1947 Jan	2,305
Feb	1,947
Mar	1,885

FOREST FUELS PRODUCTION ^{a/}

BAMBOO PRODUCTION

Table 9

Period	Firewood ^{b/} (thousands of cubic meters) ^{c/}	Charcoal (thousands of metric tons)	Gasunaki (thousands of metric tons) ^{d/}
--------	--	---	---

Fiscal Year Monthly Averages

Table 7

Period	Moso (thousands of pieces)	Other (thousands of bundles)
--------	----------------------------------	------------------------------------

Fiscal Year Monthly Averages

Note: These data include production of forest fuels not reported. Estimated made by Specialists in Statistics Bureau, Ministry of Agriculture and Forestry.

Source: NRS, Preliminary Study No 33- Forest Fuel Production in Japan, dated 12 July 1949. p.9

1938	1,584 2,207	190	3
1939	1,787 2,317	212	5
1940	2,464 3,095	246	5 29
1941	2,332 3,392	226	4 38
1942	1,753 4,175	218	10 77
1943	1,874 4,387	181	10 116
1944	1,649 3,671	158	10 133
1945	1,045 1,121	97 138	10 120
1946	848 1,335	120 173	10 115
1947	807 820 1,273	129 128 183	20 28 171

1938		
1939		
1940		
1941		
1942		
1943		
1944		
1945		
1946	148	369
1947	119	395
1948	95	310

Monthly Totals

1945			
Sep			
Oct			
Nov			
Dec			
1946			
Jan			
Feb			
Mar			
Apr	888	90	14
May	834	106	17
		69	11

Monthly Totals

1945		
Sep		
Oct		
Nov		
Dec		
1946		
Jan		
Feb		
Mar		
Apr	105	243
May	63	263
Jun	20	115

DECLASSIFIED E.O. 11652 SEC. 3(E) AND 5(D) OR (E) NNDG #

775015

FOREST FUELS PRODUCTION ^{a/}

BAMBOO PRODUCTION

Table 9

Period	Firewood b/ (thousands of cubic meters) c/	Charcoal (thousands of metric tons)	Gasumaki (thousands of metric tons) d/
--------	--	---	--

Fiscal Year Monthly Averages

1930	1,466 1,902	144	
1931	1,370 1,869	153	
1932	1,385 1,901	157	
1933	1,413 1,954	165 157	
1934	1,362 1,988	183	
1935	1,438 2,063	183	
1936	1,374 2,018	181	
1937	1,636 1,950	189	1
1938	1,584 2,209	190	3
1939	1,787 2,317	212	5
1940	2,464 3,095	246	5 29
1941	2,332 3,392	226	4 38
1942	1,753 4,175	218	10 77
1943	1,874 4,387	181	18 116
1944	1,649 3,671	158	18 133
1945	1,045 1,121	97 138	18 120
1946	848 1,335	120 173	18 115
1947	807 820 1,273	129 128 183	30 28 171

Monthly Totals

1945			
Sep			
Oct			
Nov			
Dec			
1946			
Jan			
Feb			
Mar			
Apr	888	90	14
May	834	106	17
Jun		89	11

Table 7

Period	Moso (thousands of pieces)	Other (thousands of bundles)
--------	----------------------------------	------------------------------------

Fiscal Year Monthly Averages

1930		
1931		
1932		
1933		
1934		
1935		
1936		
1937		
1938		
1939		
1940		
1941		
1942		
1943		
1944		
1945		
1946	148	369
1947	119	395
1948	95	310

Monthly Totals

1945		
Sep		
Oct		
Nov		
Dec		
1946		
Jan		
Feb		
Mar		
Apr	105	243
May	63	263
Jun	20	115

These data include production of forest fuel
made by specialists in Statistics Bureau
Forestry
Source: RRS, Preliminary Study on Forest Fuel
dated 12 July 1949, p. 8.

DECLASSIFIED E.O. 11652 SEC. 3(C) AND 5(D) OR (E) NNDG # 775015

Feb			
Mar			
Apr	888	90	14
May	834	106	17
Jun	667	69	11
Jul	547	62	15
Aug	546	76	19
Sep	664	116	17
Oct	682	89	15
Nov	692	100	17
Dec	928	146	20

1947			
Jan	910	182	20
Feb	1,227	174	24
Mar	1,535	230	28
Apr	1,019	107	33 27
May	661 819	101 93	36 35
Jun	667 658	71	30
Jul	579 562	65 63	32 28
Aug	619	103	30
Sep	702 703	126	27
Oct	734	129 130	22
Nov	723	107	22
Dec	912 909	136 137	26

1948			
Jan	841 865	171	34 27
Feb	977 974	187	36
Mar	1,257	244	38
Apr	869	99	35
May	762	99	40
Jun	667	74	33
Jul	770	122	30
Aug	757	163	35

- a/ Reported production. Excludes production for self-consumption.
- b/ Diameter over one inch.
- c/ Stacked volume.
- d/ Small blocks of wood used as fuel for internal combustion engines.

SOURCE: Ministry of Agriculture and Forestry.

Sep	964	166	36
Oct	710	159	37
Nov	594	132	31
Dec	664	175	42

Feb		
Mar		
Apr	105	243
May	63	263
Jun	20	115
Jul	73	107
Aug	275	271
Sep	198	389
Oct	212	547
Nov	94	333
Dec	143	428

1947		
Jan	269	420
Feb	145	896
Mar	183	413
Apr	121	396
May	43	354
Jun	63	185
Jul	50	108
Aug	77	165
Sep	88	246
Oct	135	500
Nov	170	691
Dec	100	395

1948		
Jan	193	541
Feb	182	573
Mar	202	590
Apr	89	413
May	44	236
Jun	29	147
Jul	36	219
Aug	67	157 289
Sep	122	216
Oct	157	361
Nov	118	309
Dec	135	370

SOURCE: Ministry of Agriculture and Forestry.

DECLASSIFIED E.O. 11652 SEC. 3(F) AND 5(D) OR (E) NNDG # 775015

BAMBOO STOCKPILES

Table 8

Period	As shown	
	Moso (Thousands of Pieces)	Other (Thousands of Bundles)
1930		
1931		
1932		
1933		
1934		
1935		
1936		
1937		
1938		
1939		
1940		
1941		
1942		
1943		
1944		
1945		
1946		
1947		

End
As of Month End

1945
Sep
Oct
Nov
Dec

1946
Jan
Feb
Mar
Apr

91

224

354

PULPWOOD CONSUMPTION

Table 12

1,000 cubic meters

Period Pulpwood
Consumption

Calendar Year Monthly Averages

1930	110
1931	89
1932	85
1933	95
1934	101
1935	104
1936	103
1937	113
1938	130
1939	163
1940	179
1941	224
1942	195
1943	160
1944	114
1945	56
1946	67
1947	94

Monthly Totals

1945
Sep
Oct
Nov
Dec

1946
Jan
Feb
Mar
Apr
May

69

68

Jan		
Feb		
Mar		
Apr	91	224
May	154	354
Jun	46	133
Jul	25	61
Aug	152	132
Sep	212	132
Oct	124	202
Nov	191	180
Dec	362	381

1947		
Jan	169	308
Feb	133	324
Mar	689	1,096
Apr	146	1,071
May	152	486
Jun	67	286
Jul	60	219
Aug	33	142
Sep	107	229
Oct	180	574
Nov	208	564
Dec	220	463

1948		
Jan	192	449
Feb	198	514
Mar	164	463
Apr	93	415
May	86	373
Jun	75	256
Jul	28	215
Aug	85	167
Sep	86	191
Oct	115	231

SOURCE: Ministry of Agriculture and Forestry.		
Nov	103	216
Dec	114	300

Jan	
Feb	
Mar	
Apr	69
May	68
Jun	72
Jul	84
Aug	84
Sep	87
Oct	92
Nov	73
Dec	85

1947	
Jan	63
Feb	65
Mar	94
Apr	80
May	85
Jun	99
Jul	106
Aug	107
Sep	114
Oct	114
Nov	110
Dec	93

1948	
Jan	88
Feb	103
Mar	115
Apr	125
May	130
Jun	159
Jul	148
Aug	143
Sep	159
Oct	149

SOURCE: Japan Pulpwood Association.	
Nov	171
Dec	157

FORESTRY

FIREWOOD AND CHARCOAL STOCKPILES

Table 10
 Firewood (Cubic Meters)
 Charcoal (Metric Tons)
 As shown

Period	Firewood (Cubic Meters)	Charcoal (Metric Tons)
<u>As of 31 March</u>		
1930		
1931		
1932		286,440
1933		336,440 224,513
1934		294,513 322,519
1935		322,519 287,069
1936		287,069 174,473
1937		174,473 299,361
1938		299,361 190,867
1939		190,867 NA
1940		NA
1941		164,078 154,078
1942		43,666
1943		73,251
1944	372,593	130,914
1945	1,032,307	353,092
1946	586,037	175,600
1947	710,925	193,263
1948	783,144	167,904

End
As of Month end

1945
 Sep
 Oct
 Nov
 Dec

1946
 Jan
 Feb
 Mar
 Apr

534,835
 163,500
 522,189
 159,049

1946

Jan		
Feb		
Mar		
Apr	534,835	163,500
May	522,189	159,049
Jun	433,258	141,951
Jul	385,096	122,340
Aug	398,305	119,262
Sep	423,898	134,741
Oct	456,223	112,514
Nov	431,616	131,247
Dec	487,369	141,049

1947

Jan	562,635	170,788
Feb	634,028	174,879
Mar	710,925	193,263
Apr	645,115	180,498
May	597,550	167,841
Jun	542,472	134,669
Jul	574,174	115,785
Aug	563,748	129,448
Sep	655,858	142,030
Oct	712,391	151,130
Nov	657,285	134,934
Dec	723,484	137,390

1948

Jan	876,605	164,728
Feb	798,687	182,458
Mar	783,144	167,904
Apr	893,274	175,920
May	774,552	155,540
Jun	757,857	128,161

Jul	780,079	144,980
Aug	787,914	153,825
Sep	1,057,031	179,909
Oct	1,335,027	184,160

SOURCE: Ministry of Agriculture and Forestry.

Nov	1,043,011	182,527
Dec	968,665	172,401

PULPWOOD DELIVERIES TO MILLS BY SPECIES

Table 11

Cubic meters

Period	Yedo Yezo Spruce <u>a</u> / and White Fir <u>b</u> /	Red Pine <u>c</u> / and Black Pine <u>d</u> /	Japanese Cedar <u>e</u> / Japanese Cypress <u>f</u> /	Momi Fir <u>g</u> / and Southern Japanese Hemlock <u>h</u> /	Siebold's Beech <u>i</u> / and other Hardwoods	Live Oak <u>j</u> / Standish Arbor- vitae <u>k</u> / and Cypress <u>l</u> /	Jap- anese Larch <u>m</u> /	Saw- mill Waste to Mills	Total Pulpwood Deli- veries
<u>Fiscal Year Monthly Averages</u>									
1930									
1931									
1932									
1933									
1934									
1935									
1936									
1937									
1938									
1939									
1940									
1941									
1942									
1943									
1944									
1945									
1946	34,189	33,089 ⁹⁰	2,016	1,999	1,926 ⁵	173	42	171	73,605
1947	42,796	46,423	3,308 ⁷	1,896	2,393	547	72	220	97,654

Monthly Totals

1945
Sep
Oct
Nov
Dec

1946
Jan

1946

Jan									
Feb									
Mar									
Apr	16,925	25,608	3,504	1,872	1,925	10	0	84	49,928
May	21,870	35,757	2,265	2,718	2,479	74	0	87	65,250
Jun	48,061	36,135	1,782	1,591	1,672	17	0	112	89,370
Jul	56,761	37,948	2,045	2,292	2,469	128	152	200	101,995
Aug	48,184 ²	43,178	1,641	1,290	2,817	95	129	249	97,582 ^{97,581}
Sep	44,967 ¹	40,769	1,653	2,085	3,394	151	74	157	93,250
Oct	30,868	35,808	1,859	2,092	3,185	192	0	158	74,162
Nov	29,197	32,861	1,486	2,137	2,003	111	47	360	68,202
Dec	23,604	21,631	1,388	2,245	1,090	233	55	223	50,469

1947

Jan	15,826 ⁹	23,870	1,416	1,611	443	431 ⁴³⁰	51	164	43,814
Feb	39,434	31,062	2,154	2,425	527	436	0	116	76,154
Mar	34,564	32,448	2,997	1,634	1,103	204	0	137	73,087
Apr	32,171	29,077	2,735	2,056	1,482	182	0	189	67,892
May	56,315	41,813	2,303	2,453	1,704	439	54	280	105,361
Jun	52,659	51,914	2,956	1,666	3,257	233	102	395	113,182
Jul	51,349	44,112	2,665	791	2,989	298	100	385	102,689
Aug	51,801	53,424	3,589	1,489	2,592	371	83	241	113,490
Sep	61,815	49,036	3,629	980	3,366	1,036	22	131	120,015
Oct	40,227	55,478	3,306	545	4,405	108	92	174	104,335
Nov	29,689	42,888	3,009	2,185	2,866	446	123	148	81,354
Dec	26,562	39,252	2,723	2,753	1,094	1,355	9	125	73,873

1948

Jan	23,501	42,245 ⁴	3,910 3,911	1,912	854	426	31	143	73,021
Feb	47,094	51,241	4,109	2,750	1,933	439	178	169	107,913
Mar	40,366	56,602	4,756	3,170	2,172	1,328	74	257	108,725
Apr	53,096	61,767	4,338	3,434	1,650	1,020	147	336	125,788
May	55,821	78,415	4,420	2,716	1,606	1,298	173	418	144,867
Jun	86,674 ³	87,474	5,521	1,989	3,510	2,004	174	784	188,130 ¹⁸⁹
Jul	58,601	118,558	6,174	2,239	4,856	4,215	355	751	195,749
Aug	78,681	99,003	6,630	1,884	11,015	5,036	25	331	207,705
Sep	30,682	156,768	6,114	3,511	7,988	2,151	107	384	207,705
Oct	69,809	80,269	5,102	2,598	7,253	1,018	341	407	166,797
Nov	62,159	91,766	7,006	3,914	6,867	1,376	492	90	173,670
Dec	77,919	91,132	7,335	3,138	7,081	1,287	212	16	188,120

1946

Jan										
Feb										
Mar										
Apr	16,925	25,608	3,504	1,872	1,925	10	0	84	49,928	
May	21,870	35,757	2,265	2,718	2,479	74	0	87	65,250	
Jun	48,061	36,135	1,782	1,591	1,672	17	0	112	89,370	
Jul	56,761	37,948	2,045	2,292	2,469	128	152	200	101,995	
Aug	48,184 ²	43,178	1,641	1,290	2,817	95	129	249	97,582	97,581
Sep	44,967 ¹	40,769	1,653	2,085	3,394	151	74	157	93,250	
Oct	30,868	35,808	1,859	2,092	3,185	192	0	158	74,162	
Nov	29,197	32,861	1,486	2,137	2,003	111	47	360	68,202	
Dec	23,604	21,631	1,388	2,245	1,090	233	55	223	50,469	

1947

Jan	15,826 ⁹	23,870	1,416	1,611	443	431 ⁴³⁰	51	164	43,814	
Feb	39,434	31,062	2,154	2,425	527	436	0	116	76,154	
Mar	34,564	32,448	2,997	1,634	1,103	204	0	137	73,087	
Apr	32,171	29,077	2,735	2,056	1,482	182	0	189	67,892	
May	56,315	41,813	2,303	2,453	1,704	439	54	280	105,361	
Jun	52,659	51,914	2,956	1,666	3,257	233	102	395	113,182	
Jul	51,349	44,112	2,665	791	2,989	298	100	385	102,689	
Aug	51,801	53,424	3,589	1,489	2,592	271	83	241	113,490	
Sep	61,815	49,036	3,629	980	3,366	1,036	22	131	120,015	
Oct	40,227	55,478	3,306	545	4,405	108	92	174	104,335	
Nov	39,689	42,888	3,009	2,185	2,866	446	123	148	81,354	
Dec	26,562	39,252	2,723	2,753	1,094	1,355	9	125	73,873	

1948

Jan	23,501	42,243 ⁴	3,910 ^{3,910}	1,912	854	426	31	143	73,021	
Feb	47,094	51,241	4,109	2,750	1,933	439	178	169	107,913	
Mar	40,366	56,602	4,756	3,170	2,172	1,328	74	257	108,725	
Apr	53,096	61,767	4,338	3,434	1,650	1,020	147	336	125,788	
May	55,821	78,415	4,420	2,716	1,606	1,298	173	418	144,867	
Jun	86,674 ³	87,474	5,521	1,989	3,510	2,004	174	784	188,130 ¹²⁹	
Jul	58,601	118,558	6,174	2,239	4,856	4,215	355	751	195,749	
Aug	79,681	99,003	6,630	1,884	11,015	5,036	25	331	207,705	

- | | | |
|--|--|--|
| a/ Ezomatsu (<i>Picea jezoensis</i>). | g/ Momi (<i>Abies firma</i>). | m/ Karamatsu (<i>Larix kaempferi</i>). |
| b/ Todomatsu (<i>Abies mayriana</i>). | h/ Tsuga (<i>Tsuga sieboldii</i>). | |
| c/ Akamatsu (<i>Pinus densiflora</i>). | i/ Buna (<i>Fagus crenata</i>). | |
| d/ Kuromatsu (<i>Pinus thunbergii</i>). | j/ Tsuburajii (<i>Shiia cuspidata</i>). | |
| e/ Sugi (<i>Cryptomeria japonica</i>). | k/ Nezuko (<i>Thuja standishii</i>). | |
| f/ Hinoki (<i>Chamaecyparis obtusa</i>). | l/ Sawara (<i>Chamaecyparis pisifera</i>). | |

SOURCE: Japan Pulpwood Association.

NOTE

TABLE 16. Forest Growth and Drain During The 1947 Fiscal Year

The figures for the log volume of "Accessible Sawtimber Forests" do not equal the totals of the figures for "Accessible Coniferous Sawtimber Forests" and "Accessible Broadleaved Sawtimber Forests". Either these figures should be the same or the difference should be explained by a footnote.

This table (Millions of Cubic Meters):

	<u>Growth</u>	<u>Drain</u>
Accessible Coniferous Sawtimber Forests.....	7	18
Accessible Broadleaved Sawtimber Forests.....	3	3
Total of above.....	<u>10</u>	<u>21</u>
Accessible Sawtimber Forests.....	<u>10</u>	<u>22</u>
<u>Difference to be accounted for.....</u>	<u>0</u>	<u>1</u>

Original table (Received from Forestry Div., NRS)
(Millions of Cubic Feet)

	<u>Growth</u>	<u>Drain</u>
Accessible Coniferous Sawtimber Forests.....	257	640
Accessible Broadleaved Sawtimber Forests.....	90	113
Total of above.....	<u>347</u>	<u>753</u>
Accessible Sawtimber Forests.....	<u>348</u>	<u>762</u>
<u>Difference to be accounted for.....</u>	<u>1</u>	<u>9</u>

These figures subject to change.

FOREST AREA AND VOLUME (Accessible and Inaccessible Forests by Regions as of April 1947)

Table 13

As shown

Region	AREA (Hectares)				VOLUME (Cubic meters)		
	Land Area	Forest Area	Accessible Forest	Inaccessible Forest a/	Accessible	Inaccessible b/	Total Volume
Hokkaido	7,845,983	5,442,178	4,983,484	558,694	463,763,857	93,307,538	556,071,395
Honshu							
Northern	5,312,821	3,800,262	3,293,251	507,011	204,948,330	52,895,258	257,843,588
Central	12,245,197	5,351,805	4,495,316	856,489	269,750,167	75,933,711	345,683,878
Western	5,485,387	6,473,591	6,015,810	457,781	296,399,436	52,128,289	348,527,725
Sub-total Honshu	23,044,405	15,625,758	13,804,377	1,821,381	771,097,933	180,957,258	952,055,191
Shikoku	1,877,110	1,402,816	1,337,437	65,379	82,809,790	8,311,347	91,121,137
Kyushu	4,079,870	2,572,406	2,430,271	142,135	124,559,506	17,224,069	141,783,575
Total	36,847,368	25,043,158	22,455,569	2,587,589	1,445,236,086	299,800,212	1,745,036,298

omit

a/ During the 1947 fiscal year the area of inaccessible forests was reduced by 200,487 hectares as the result of the building of 3,022,090 meters of roads through these areas.

b/ In the inaccessible areas average timber volume per hectare is 116 cubic meters as compared with 64 cubic meters in accessible areas.

SOURCE: Ministry of Agriculture and Forestry.

FOREST GROWTH AND DRAIN DURING THE 1947 FISCAL YEAR *

Table 15

	Volume	Millions of Cubic Meters	
		Growth	Drain a/
All forests	Tree	54	66
Fuelwood Forests	Tree	18	34
All Sawtimber Forests b/	Tree	20	36

Table 15

	Volume	Millions of Cubic Meters	
		Growth	Drain ^{a/}
All forests	Tree	54	66
Fuelwood Forests	Tree	18	34
All Sawtimber Forests ^{b/}	Tree	20	30
All Sawtimber Forests	Log	14	22
Accessible Sawtimber Forests	Tree	14	30
Accessible Sawtimber Forests	Log	10	22
Accessible Coniferous Sawtimber Forests	Log	7	18
Accessible Broadleaved Sawtimber Forests	Log	3	3

^{a/} Includes insect, disease, fire, and climatic drain which amounted to 0.7 million cubic meters for all forests.

^{b/} Includes only timber of sawtimber size.

SOURCE: Ministry of Agriculture and Forestry.

* Estimated.

These figures subject to change.

FOREST VOLUME BY TYPES OF SPECIES (April 1947)

Type of Species	Cubic Meters	
	Tree Volume	Tree Volume
Coniferous	575,255,002	574,923,941
Broadleaved	573,362,427	546,326,861
Mixed	594,442,269	566,700,534
Total	1,743,059,700	1,687,951,336

SOURCE: Ministry of Agriculture and Forestry.

FOREST EXPLOITATION AND REFORESTATION

Table 15

Period	Cut Over	Reforested	Percent of Cut Over Area Reforested	Hectares
				Cumulative Area in Need of Reforestation
<u>Fiscal Year Totals (Beginning 1 April)</u>				
1930	365,059	319,003	87.4	151,703
1931	386,780	333,124	86.1	205,358
1932	441,018	338,961	76.9	307,415
1933	422,682	349,496	82.7	380,600
1934	447,603	383,287	85.6	444,916
1935	422,531	346,335	82.0	521,112
1936	465,428	369,213	79.3	617,326
1937	458,412	368,430	80.4	707,308
1938	481,194	404,531	84.1	783,971
1939	529,779	412,794	77.9	900,956
1940	563,261	417,872	74.2	1,046,345
1941	663,246	633,873	95.6	1,075,719
1942	741,160	680,379	91.8	1,136,499
1943	751,300	508,658	67.7	1,379,140
1944	707,184	404,008	57.1	1,682,316
1945	730,783	469,708	64.3	1,943,392
1946	854,423	394,026	46.1	2,403,788
1947	765,385	453,167	59.2	2,716,007
1948 ^{a/}	719,727	420,576	58.4	3,015,157

a/ Estimate subject to change.
 SOURCE: Forestry Bureau, Ministry of Agriculture and Forestry.

PINE BARK BEETLE DAMAGE TO FORESTS

Table 17

Period	Area (Hectares)				Volume (Cubic Meters)				As Shown
	National Forest	Private Forest	Total	Cumulative	National Forest	Private Forest	Total	Cumulative	
<u>Fiscal Year Totals (Beginning 1 April)</u>									

PINE BARK BEETLE DAMAGE TO FORESTS

Table 17

As Shown

Period	Area (Hectares)				Volume (Cubic Meters)			
	National Forest	Private Forest	Total	Cumulative	National Forest	Private Forest	Total	Cumulative
<u>Fiscal Year Totals (Beginning 1 April)</u>								
1930								
1931								
1932	106	3,868	3,974	3,974	1,946	9,756	11,702	11,702
1933	112	3,967	4,079	8,053	3,166	12,828	15,994	27,697
1934	17	2,975	2,992	11,045	3,737	13,190	16,927	44,624
1935	44	4,760	4,804	15,849	2,032	14,220	16,252	60,875
1936	181	21,025	21,206	37,055	6,960	15,361	22,320	83,195
1937	361	35,407	35,768	72,823	3,570	26,954	30,524	113,719
1938	122	34,017	34,139	106,962	9,671	153,894	163,565	277,284
1939	251	42,053	42,304	149,266	16,277	178,310	194,587	471,871
1940	325	67,473	67,798	217,064	14,459	249,808	264,267	736,138
1941	654	77,326	77,980	295,044	35,747	280,173	315,920	1,052,058
1942	684	79,122	79,806	374,850	35,923	436,372	472,295	1,524,354
1943	1,463	106,923	108,386	483,236	26,790	390,693	417,483	1,941,837
1944	3,433	51,626	55,059	538,296	42,173	400,042	442,216	2,384,052
1945	2,947	45,350	48,298	586,593	68,821	328,324	397,145	2,781,198
1946	10,914	45,845	56,759	643,353	319,257	608,733	927,990	3,709,188
1947	42,271	132,151	174,422	817,775	250,885	824,293	1,075,178	4,784,366
1948	24,351	179,629	203,980	1,021,755	226,169	1,269,338	1,495,507	6,279,873

SOURCE: Forestry Bureau, Ministry of Agriculture and Forestry.

BUSINESS MACHINES

Period	Japanese Typewriters	Hand Calculating Machines	Japanese Mimeograph Machines		Cash Registers	Units
			Rotary	Standard		
<u>Calendar Year Monthly Averages</u>						
1930	375	118	112	1,667		0
1931	500	135	120	2,333		0
1932	708	156	121	2,667		0
1933	855	181	173	3,083		0
1934	879	225	176	3,667		0
1935	906	235	179	4,083		0
1936	987	239	181	5,250		0
1937	1,239	264	188	6,000		0
1938	1,718	380	215	6,250		0
1939	2,329	403	218	2,167		0
1940	2,659	467	249	7,333		0
1941	2,557	486	252	6,917		0
1942	3,056	345	141	6,833		0
1943	1,821	385	88	6,500		0
1944	455	290	60	4,833		0
1945	130	28	4	3,000		0
1946	99	107	0	502		12
1947	323	145	5	3,424		25
1948	235	202	37	6,865		36

Monthly Totals

1945
Sep
Oct
Nov
Dec

1946
Jan
Feb
Mar

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1946

Jan
Feb
Mar
Apr
May
Jun

Jul
Aug
Sep
Oct
Nov
Dec

1947

Jan
Feb
Mar
Apr
May
Jun

Jul
Aug
Sep
Oct
Nov
Dec

178	135	2	3,027	20
258	179	2	3,007	28
723	161	0	1,743	20
531	190	0	2,210	25
480	216	0	2,246	27
387	183	0	2,881	18
443	86	0	3,947	31
354	89	0	4,197	22
218	120	60	3,621	20
188	101	0	4,742	24
104	137	0	4,440	30
122	143	0	5,026	40

1948

Jan
Feb
Mar
Apr
May
Jun

Jul
Aug
Sep
Oct
Nov
Dec

92	115	30	6,183	30
92	149	30	6,916	45
92	147	40	6,929	43
31	158	40	7,488	46
143	164	30	6,724	43
257	197	50	7,137	0
251	220	40	8,096	36
344	250	40	6,164	36
365	230	40	6,550	38
360	250	25	6,391	38
406	246	40	7,013	43
382	294	40	6,785	55

SOURCE: Ministry of Commerce and Industry.

MANUFACTURING

WHEAT, FLOUR, AND SOYBEAN PRODUCTS

PROCESSED MEATS AND DAIRY PRODUCTS

Table 1 Metric Tons

Table 2 Metric Tons

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Period Date	Wheat Flour	Soy Sauce and Synthetic Soy Sauce	Soybean Paste
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Period Date	Proc- essed Meat	Butter	Powdered Milk	Condensed Milk
----------------	------------------------	--------	------------------	-------------------

] ← Calendar Year Monthly Averages

] ← Calendar Year Monthly Averages

1930	57,578 ^{70V}	90,037	49,063
1931	64,531	87,500	49,375
1932	65,078	89,946	49,375
1933	73,812	87,681	49,688
1934	70,490	88,587	49,688
1935	84,256	89,674	50,000
1936	69,800	90,761	50,000
1937	66,473	91,963	47,301
1938	85,723	92,737	48,411
1939	73,885	89,630	49,703
1940	81,261	92,065	46,886
1941	62,273	91,661	36,744
1942	56,237	88,812	39,969
1943	42,869	86,392	43,766
1944	46,658	64,249	40,474
1945	23,538	54,157	26,712
1946	44,769	40,501	21,107
1947	78,505 65,893	33,708	15,695

1930	149	175	65	1,284
1931	137	177	61	947
1932	130	154	63	935
1933	156	168	77	1,199
1934	154	208	120	1,470
1935	211	224	86	1,677
1936	239	204	100	1,493
1937	247	211	131	1,964
1938	230	263	138	1,671
1939	239	259	195	1,715
1940	222	190	160	1,245
1941	260 ²¹	145	303	1,152
1942	279 ²¹	184	434	1,101
1943	220 ²¹	215	509	886
1944	132 ²¹	292	406	364
1945	76	298	259	231
1946	58	115	276	283
1947	148	119	319	260

] Monthly Totals

] Monthly Totals

1945			
] Sep	23,820		24,089
Oct	35,435		24,627
Nov	34,698	45,013	22,788
Dec	26,408	46,478	24,000

1945				
] Sep	49	285	266	266
Oct	37	217	341	230
Nov	23	145	297	209
Dec	24	93	192	177

1946

Oct	35,435		24,627
Nov	34,698	45,013	22,788
Dec	26,408	46,478	24,000

Oct	37	217	341	230
Nov	23	145	297	209
Dec	24	93	192	177

1946

Jan	27,782	34,287	24,339
Feb	28,384	33,965	18,853
Mar	30,751	34,233	18,657
Apr	25,596	43,045	24,385
May	41,908	43,719	23,394
Jun	46,484	45,631	27,206
Jul	64,969	42,134	19,988
Aug	60,250	44,403	17,758
Sep	71,400	43,769	19,207
Oct	50,871	47,510	20,769
Nov	62,250	31,224	21,237
Dec	26,582	42,090	17,486

1946

Jan	42	70	252	86
Feb	30	53	171	128
Mar	36	52	179	105
Apr	37	54	154	116
May	40	64	176	112
Jun	41	105	247	213
Jul	66	175	396	418
Aug	74	174	436	495
Sep	68	195	280	441
Oct	71	194	419	538
Nov	86	123	248	319
Dec	110	122	352	420

1947

Jan	48,455	43,555	13,547
Feb	39,272 39,172	38,948	11,075
Mar	57,365	32,463	15,993
Apr	26,923	30,890	11,277
May	39,554 37,637	31,922	12,555
Jun	27,090 22,397	34,260	15,173
Jul	76,976 30,013	32,958	16,524
Aug	107,554 75,872	30,787	20,076
Sep	199,323 155,803	34,833	18,139
Oct	186,411 170,028	33,507	18,524 18,583
Nov	97,292 92,478	30,771	18,593
Dec	35,834 34,569	29,599	16,868

1947

Jan	115	105	301	331
Feb	125	97	259	275
Mar	105	71	207	210
Apr	109	71	176	155
May	90	78	199	153
Jun	97	104	206	162
Jul	110	165	360	339
Aug	130	197	417	325
Sept	150	194	421	318
Oct	220	170	555	325
Nov	245	108	411	329
Dec	280	67	319	201

1948

Jan	21,037 20,687	35,745	19,271
Feb	103,066 102,960	37,566	15,700
Mar	103,664	38,636	15,762
Apr	62,755	38,127	14,651
May	26,295	47,500	13,371
Jun	20,338 20,138	49,656	19,647
Jul	71,804 65,224	47,654	21,300
Aug	130,507	56,411	30,130

1948

Jan	246	79	305	197
Feb	342	79	282	193
Mar	404	54	230	184
Apr	291	84	261	187 89
May	322	102	269	192
Jun	274	170	374	276
Jul	322	196	400	625
Aug	345	190	476	360

SOURCE: Ministry of Agriculture and Forestry

Fiscal Years
Source: Ministry of Agriculture and Forestry

✓ corrections inserted from JES Bulletin No. 31
9 May 1949.

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MANUFACTURING

FATS AND OILS,
CANNED AND BOTTLED FOODS
AND CONFECTIONS

Table 3 Metric tons

Period	Fats and Oils	Canned and Bottled Foods	Confections
1930	14,096	2,238	52,876
1931	14,700	1,339	56,251
1932	16,434	2,142	59,842
1933	17,174	11,026	63,661
1934	20,346	13,695	67,689
1935	22,493	15,176	72,048
1936	26,918	21,203	76,646
1937	29,540	26,547	81,539
1938	27,411	29,588	86,743
1939	30,124	32,014	92,280
1940	18,347	20,750	98,170
1941	20,554	11,450	46,960
1942	18,480	13,184	28,831
1943	11,503	8,154	14,461
1944	7,701	6,090	2,167
1945		887	647
1946	772	1,141	1,882
1947	1,442	1,238	1,343

Monthly Totals

1945			
Sep			
Oct			
Nov			
Dec			
1946			
Jan	752	709	1,110
Feb	1,134	818	2,433
Mar	1,229	521	1,150

MANUFACTURED TOBACCO

Unit: As Shown
Cigarettes - Millions of
one-gram Cigarettes
Tobacco - Metric Tons

Table 14

Period	Cigarettes millions	Tobacco Fine-cut MT	Tobacco Rough-cut MT
1930	2,696	2,006	0
1931	2,633	2,007	0
1932	2,595	1,997	0
1933	2,761	1,991	0
1934	3,182	1,892 ¹⁸⁷²	0
1935	3,254	1,704	0
1936	3,384	1,757	0
1937	3,547	1,783	0
1938	3,823	1,648	0
1939	4,424	1,513	0
1940	4,669	1,707	0
1941	4,975	1,676	0
1942	5,072	1,682	0
1943	5,098	1,664	0
1944	3,757	1,496	20
1945	1,261 ¹²⁶⁵	1,072 ^{1,073}	631 ⁶³⁷
1946	1,507 ^{1,279}	1,208 ^{1,200}	1,352 ^{1,275}
1947	1,590 ^{1,491}	1,142 ^{1,165}	1,240 ^{1,317}
1948	2,422	1,105	779

Calendar
Year Mo. Av.

Monthly Totals

1945			
Sep	588	800	232
Oct	867	981	600
Nov	1,057	1,063	873
Dec	1,133	1,163	1,103
1946			
Jan	1,048	1,045	1,033
Feb	1,139	1,077	958
Mar	1,233	1,211	1,105
Apr	1,266	1,180	1,131

Nov			
Dec			
1946			
Jan	752	709	1,110
Feb	1,134	818	2,433
Mar	1,229	521	1,150
Apr	916	1,964	1,237
May	1,143	2,272	1,659
Jun	994	1,366	1,548
Jul	832	1,030	2,346
Aug	669	1,635	2,272
Sep	414	878	1,495
Oct	444	896	1,695
Nov	387	525	1,918
Dec	348	1,077	3,716

1947			
Jan	275	1,075 ⁶⁷	1,701
Feb	286	1,271 ⁷	1,487
Mar	353 ⁷	987	1,027
Apr	499	720	1,780
May	953	3,332	1,384
Jun	1,737	1,249	1,192 ^x
Jul	3,036	1,120	831
Aug	3,587	1,362	1,548
Sep	3,414	890	1,440
Oct	1,334	913	1,273
Nov	770	1,000	1,449
Dec	1,054	931	1,007

1948			
Jan	1,765	3,993	820
Feb	2,402	2,355	4,915
Mar	4,410	2,956	4,959
Apr	4,782	1,821	3,215
May	4,848	2,759	3,242
Jun	3,578	2,045	3,875 ⁴
Jul	4,427	2,690	3,474
Aug	5,680	2,698	2,496

SOURCE: Ministry of Agriculture & Forestry.

Nov	1,087	1,087	978
Dec	1,133	1,163	1,103
1946			
Jan	1,048	1,045	1,033
Feb	1,139	1,077	958
Mar	1,233	1,211	1,105
Apr	1,266	1,180	1,131
May	1,476	1,300	1,430
Jun	1,284	1,225	1,351
Jul	1,345	1,233	1,386
Aug	1,352	1,299	1,471
Sep	1,377	1,318	1,491
Oct	1,400	1,259	1,415
Nov	1,273	1,122	1,310
Dec	1,158	1,132	1,222

1947			
Jan	1,207	1,106	1,313
Feb	1,185	1,040	1,297
Mar	1,364	1,285	1,401
Apr	1,323	1,163	1,351
May	1,601	1,304	1,460
Jun	1,588	1,258	1,347
Jul	1,678	1,305	1,463
Aug	1,580	1,198	1,267
Sep	1,571	1,127	1,199
Oct	1,727	1,119	1,301
Nov	1,482	1,015	1,197
Dec	1,590	1,059	1,204

1948			
Jan	1,494	1,042	980
Feb	1,437	946	892
Mar	2,006 ^{2,007}	1,169	1,222
Apr	1,989	1,102	918
May	2,202	1,069	848
Jun	2,472	1,078	829
Jul	2,580	1,100	769
Aug	2,620	1,093	648

at one gram cigarettes

SOURCE: Monopoly Bureau, Ministry of Finance.

Sep	2,836	1,020	550
Oct	3,105	6013	589 ^{checked}
Nov	3,014	982	578 ^{995 #34}
Dec	3,310	995	590

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ALCOHOLIC BEVERAGE PRODUCTION

Table 4

Period						Kiloliters
	Sake	Imitation Sake	Shochu	Beer	Others	Total
<u>Total Yearly Production by Brewing Year a/</u>						
1930	822,110	0	85,956	161,620	29,521	1,099,207
1931	694,700	0	83,933	152,613	24,287	955,533
1932	637,088	0	82,086	143,869	25,689	888,732
1933	738,627	0	93,735	140,575	31,302	1,004,239
1934	778,283	0	97,328	173,147	32,731	1,081,489
1935	731,709	0	91,986	176,814	36,869	1,037,378
1936	734,002	0	98,403	188,907	42,187	1,063,499
1937	772,599	0	99,797	236,761	51,993	1,161,150
1938	789,444	0	102,398	230,007	50,123	1,171,972
1939	715,592	0	86,986	265,608	54,229	1,122,415
1940	442,516	0	84,368	310,791	57,297	894,973
1941	476,587	58,807	91,993	271,667	38,964	938,018
1942	374,056	76,125	59,171	254,657	41,490	805,499
1943	294,116	69,270	54,224	210,278	40,768	668,655
1944	191,911	51,355	36,863	156,355	47,152	483,635
1945	194,316	24,480	26,335	99,910	41,078	388,118
<u>Total Yearly Production by Calendar Year</u>						
1946	151,216	24,555	35,110	96,151	19,769	326,801
1947	156,868	23,405	25,603	92,764	13,410	312,049
1948	91,623	36,134	31,263	91,403	13,445	263,867
<u>Monthly Totals</u>						
1945						
Sep						
Oct						
Nov						
Dec						
1946						
Jan	374	2,685	3,708	7,154	917	14,836
Feb	18,824	1,622	3,567	7,623	1,039	32,674

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	Nov					
	Dec					
1946						
Jan	374	2,685	3,708	7,154	917	14,836
Feb	18,824	1,622	3,567	7,623	1,039	32,674
Mar	107,286	1,907	3,408	9,304	652	122,557
Apr	18,611	2,867	6,009	11,334	2,135	40,955
May	2,232	2,137	4,027	13,066	1,141	22,603
Jun	3,335	1,147	2,450	6,591	939	14,461
Jul	146	1,742	2,416	6,298	728	11,330
Aug	55	1,737	1,508	6,411	1,361	11,093
Sep	220	3,137	2,508	6,672	4,041	16,577
Oct	65	742	1,301	7,255	2,747	12,111
Nov	38	1,318	1,212	7,151	3,593	13,312
Dec	31	3,517	2,997	7,293	456	14,293
1947						
Jan	206	1,979	3,220	7,256	468	13,129
Feb	21,751	1,195	3,389	7,160	797	34,291
Mar	112,975	2,265	3,607	7,461	945	127,253
Apr	19,540	1,698	2,827	6,912	768	31,745
May	1,441	2,072	2,511	8,793	909	15,726
Jun	700	1,449	1,713	8,121	1,250	13,232
Jul	41	2,316	1,753	9,069	791	13,969
Aug	54	1,505	794	8,989	693	12,034
Sep	42	3,997	1,661	8,109	2,468	16,277
Oct	44	790	426	7,125	1,863	10,247
Nov	45	1,302	905	6,303	1,356	9,910
Dec	28	2,838	2,798	7,467	1,105	14,237
1948						
Jan	41	1,856	3,419	7,199	744	12,261
Feb	8,078	1,665	3,039	7,375	893	21,050
Mar	74,706	3,100	3,090	6,783	1,181	88,860
Apr	8,332	2,905	2,017	8,145	998	22,396
May	318	2,900	1,416	8,564	859	14,057
Jun	70	2,629	2,087	8,116	555	13,456
Jul	9	2,322	1,661	9,870	840	14,702
Aug	10	1,945	1,671	10,600	961	15,188
Sep	12	5,341	1,831	7,470	1,889	16,543
Oct	10	1,615	1,354	2,700	1,995	7,673
Nov	11	3,545	3,813	5,346	1,200	13,914
Dec	27	6,312	5,865	9,237	1,329	22,769

a/ Brewing Year is October through September. Beer's brewing year is March through February.

SOURCE: Ministry of Finance.

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DECLASSIFIED E.O. 11652 SEC. 3(F) AND 5(D) OR (E) NNDG # **775015**

PULP PRODUCTION

Table 6

Period	Ground Wood	Unbleached Sulfite	Bleached Sulfite	Kraft	Soda and Other Chemicals	Short Tons
						Total Production
<u>Calendar Year Monthly Averages</u>						
1930						
1931						28,644
1932						25,118
1933						25,820
1934						29,317
						33,546
1935						
1936						35,526
1937						36,910
1938						40,469
1939						44,097
						52,718
1940						
1941						58,834
1942						70,391
1943						60,877
1944						52,981
						33,100
1945	9,651	3,634	2,130	412	74	15,901
1946	11,540	5,415	1,322	539	84	18,900
1947	15,303	7,044	2,420	1,141	139	26,048
<u>Monthly Totals</u>						
1945						
Sep	9,362	3,663	1,461	207	31	14,724
Oct	11,206	4,896	1,391	432	12	17,837
Nov	11,219	3,984	1,492	286	50	17,031
Dec	8,702	4,730	228	317	28	14,005
1946						
Jan	6,769	1,950	73	84	36	8,912
Feb	7,836	3,194	107	184	66	11,387
Mar	8,800	4,869	64	313	31	14,077
Apr	11,136	4,966	28	239	50	16,409
						20,196

Dec	8,702	4,730	228	317	28	14,005
1946						
Jan	6,769	1,950	73	84	36	8,912
Feb	7,836	3,194	107	184	66	11,387
Mar	8,800	4,869	64	313	31	14,077
Apr	11,136	4,966	28	239	50	16,409
May	13,399	5,173	1,351	179	94	20,196
Jun	12,364	4,364	3,583	576	82	20,969
Jul	13,078	4,365	4,437	443	117	22,440
Aug	14,139	5,676	3,342	832	127	24,116
Sep	13,919	8,266	734	916	90	23,925
Oct	12,317	8,196	473	937	108	22,032
Nov	11,044	7,422	646	745	88	19,944
Dec	13,676	6,542	1,023	1,028	123	22,392
1947						
Jan	12,965	4,994	536	418	87	19,000
Feb	11,322	4,699	942	252	134	17,349
Mar	14,433	5,746	2,426	737	178	23,518
Apr	11,396	5,150	3,237	1,271	130	21,184
May	14,635	9,201	612	1,483	178	26,109
Jun	16,293	6,504	3,018	1,020	173	27,008
Jul	17,250	5,917	4,392	1,455	113	29,127
Aug	17,426	8,502	2,549	1,337	125	29,939
Sep	17,887	8,817	2,585	1,690	118	31,097
Oct	16,820	8,736	3,816	1,554	109	31,035
Nov	18,048	8,691	2,396	1,426	193	30,754
Dec	15,167	7,570	2,532	1,054	137	26,460
1948						
Jan	13,132	7,989	893	1,079	137	23,230
Feb	16,061	9,660	1,984	1,445	163	29,313
Mar	18,481	8,501	3,692	1,306	137	32,117
Apr	21,033	11,341	1,632	1,669	132	35,807
May	21,043	7,844	4,605	1,845	115	35,452
Jun	22,353	10,988	4,336	1,701	234	39,612
Jul	21,838	9,734	5,207	1,768	189	38,736
Aug	22,915	13,989	2,153	2,019	267	41,343

Prior to Aug 48

SOURCE: Japan Pulp and Paper Association, after Sep 48 Research + Statistics Bureau.

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PAPER PRODUCTION

Table 7

Period							Short tons
	Newsprint	Japanese- type Paper	Printing Paper	Paperboard	Wrapping Paper	Other	Total Production
<u>Calendar Year Monthly Averages</u>							
1930							66,843
1931							65,224
1932							63,948
1933							69,253
1934							76,293
1935							85,015
1936							97,138
1937							115,135
1938							101,130
1939							117,004
1940							119,346
1941							117,239
1942							91,693
1943							71,828
1944							35,987
1945							19,079
1946							19,265 ^{19,245}
1947							26,368 ^{19,265}
<u>Monthly Totals</u>							
1945							
Sep	6,603	1,237	2,241	1,281	730	2,181	14,273
Oct	8,861	2,027	3,598	2,662	1,814	2,066	21,028
Nov	7,891	1,286	3,800	3,249	1,673	2,060	19,959
Dec	5,049	1,386	2,708	2,416	1,841	1,347	14,747
1946							
Jan	3,522	774	2,587	1,685	1,268	1,369	11,205
Feb	5,066	1,060	2,842	1,606	1,220	1,566	13,360
Mar	5,886	1,853	3,242	1,941	1,748	2,021	16,691
Apr	7,269	2,352	3,299	2,618	1,716	2,202	19,456
May	7,428	1,656	4,393	2,606	2,171	2,335	20,589
							22,153

Jan	3,522	774	2,587	1,685	1,268	1,369	11,205
Feb	5,066	1,060	2,842	1,606	1,220	1,566	13,360
Mar	5,886	1,853	3,242	1,941	1,748	2,021	16,691
Apr	7,269	2,352	3,299	2,618	1,716	2,202	19,456
May	7,428	1,656	4,393	2,606	2,171	2,335	20,589
Jun	7,284	1,486	4,898	3,216	2,582	2,689	22,155
Jul	7,815	1,658	5,050	2,618	2,537	2,320	21,998
Aug	7,985	809	5,363	3,041	2,685	2,434	22,317
Sep	8,418	1,046	4,491	2,939	2,752	2,632	22,278
Oct	6,621	1,568	4,152	3,052	2,550	1,991	19,934
Nov	7,055	1,527	3,223	3,126	1,954	2,561	19,446
Dec	8,913	2,250	3,883	2,473	2,279	1,958	21,756
1947							
Jan	8,701	2,261	3,428	2,753	1,631	1,312	20,086
Feb	7,153	3,980	3,643	2,872	1,109	1,733	20,490
Mar	8,878	3,428	4,722	2,705	2,428 ^{2,529}	2,007 ^{1,906}	24,168
Apr	4,099	4,615	4,702	2,030	2,264	2,025	19,735
May	6,412	6,559	6,495	2,909	2,564	2,018	26,957
Jun	8,113	6,655	5,999	3,956	2,834	2,343	29,900
Jul	8,618	7,177	6,064	3,093	2,579	2,520	30,051
Aug	9,550	6,184	5,593	3,079	2,777	2,499	29,682
Sep	9,156	6,107	5,767	3,365	3,122	2,428	29,945
Oct	9,432	5,886	5,727	3,209	2,835	2,184	29,273
Nov	9,899	5,006	5,488	3,698	2,714	2,179	28,984
Dec	9,604	5,421	4,199	3,527	2,415	1,974	27,140
1948							
Jan	7,828	5,471	3,196	3,636	2,192	2,314	24,637
Feb	8,048	6,230	5,559	4,622	2,399	2,834	29,692
Mar	9,650	7,558	6,955	4,793	2,624	2,912	34,492
Apr	10,046	9,013	7,247	5,034	3,312	3,331	37,983
May	8,892	9,217	7,785	5,787	3,478	3,521	38,680
Jun	8,861	10,256	8,445	6,035	3,360	3,598	40,555
Jul	9,602	11,434	7,625	6,133	3,398	3,400	41,592
Aug	9,401	9,225 ^{10,103}	8,328	6,368	3,593	4,194	41,109 ^{41,987}

checked with ESS 2/6

SOURCE: ~~Japan Pulp and Paper Association.~~

*Prior to Aug 48 Japan pulp and Paper Association,
After Sep 48. Research and Statistics Bureau.*

Hiro, aigo

RUBBER MANUFACTURING

Table 5

Units: Metric Tons of Crude Rubber Consumed

Date	Auto Tires Tubes and Accessories a/	Bicycle Tires and Tubes	Foot- wear b/	Indus- trial c/	Electric Wire and Cable Insula- tion	Other d/	Total Production
<u>Fiscal Years Monthly Averages</u>							
1930							
1931							2,750
1932							2,917
1933							4,417
1934							5,167
							6,167
1935							
1936							4,333
1937							5,083
1938							5,000
1939							3,833
							3,667
1940							
1941							3,417
1942							3,583
1943							3,917
1944							4,000
							3,667
1945							
1946							1,250
1947							1,635
							1,606

5 spaces

Totals
Monthly Production

1945							
Sep							
Oct	62	43	47	133	0	9	294
Nov	159	152	446	285	60	92	1,194
Dec	245	133	367	364	182	127	1,418
1946							
Jan	147	127	314	319	137	129	1,173

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Oct	62	43	47	133	0	9	294
Nov	159	152	446	285	60	92	1,194
Dec	245	133	367	364	182	127	1,418
1946							
Jan	147	127	314	319	137	129	1,173
Feb	237	139	389	376	155	147	1,443
Mar	311	139	440	428	181	167	1,666
Apr	335	211	673	552	140	218	2,129
May	356	151	688	459	163	182	1,999
Jun	302	160	735	475	130	227	2,029
Jul	398	182	636	582	179	146	2,123
Aug	362	178	528	495	180	142	1,885
Sep	474	265	535	472	70	158	1,974
Oct	221	183	376	373	70	112	1,335
Nov	213	150	377	378	161	137	1,415 ⁶
Dec	249	145	366	369	30	106	1,265
1947							
Jan	149	125	328	267	68	77	1,014
Feb	154	128	288	288	87	81	1,026
Mar	188	178	379	471	96	109	1,421
Apr	228	143	377	368	159	72	1,347
May	335	177	426	344	130	89	1,501
Jun	370	143	295	324	117	91	1,340
Jul	376	149	359 ²	348	116	98	1,346 ^x
Aug	371	187	399	365	139	112	1,573
Sep	385	180	389	344	145	92	1,535
Oct	427	212	368	379	158	95	1,639
Nov	494	170	356	425	171	79	1,695
Dec	546	142	414	499	174	94	1,869
1948							
Jan	486	162	426	401	176	73	1,724
Feb	571	160	404	496	155	99	1,885
Mar	629	145	345	423	171	107	1,820
Apr	672	159	329	471	251	118	2,000
May	644	174	374	407	234	131	1,964
Jun	685	210	522	512	233	185	2,347
Jul	622	215	410	492	262	226	2,227
Aug	647	169	488	536	245	248	2,335

a/ Includes Rebuilt Tires.

b/ Includes Jikatabi-rubber soled socks, rubber boots and shoes, rubber soled canvas shoes and rubber soles and heels.

c/ Includes rubber belting, rubber hose, rice thresher rolls and rubber mechanical goods.

d/ Includes rubberized cloth products, medical goods, latex and other rubber utilization goods.

SOURCE: Ministry of Commerce and Industry

Machine Checks
Oct 15
Unmon to

OPTICAL INSTRUMENTS

Table 9

Each

Period	Cameras	Binoculars And Opera Glasses	Microscopes
--------	---------	------------------------------------	-------------

Calendar Year Monthly Averages

1930	460	1,540	318
1931	500	152 652	261
1932	585	1,360	230
1933	750	1,800	310
1934	625	6,050	833
1935	1,380	6,740	5,930
1936	1,500	6,620	5,520
1937	2,050	8,240	3,850
1938	2,325	3,790	2,810
1939	3,620	5,220	1,780
1940	4,370	5,030	2,210
1941	4,160	4,760	2,610
1942	3,333	2,605	875
1943	2,905	3,090	856
1944	1,830	5,040	768
1945	666	1,180	441
1946	1,985 1,985	3,144 3,144	237 237
1947	4,410 4,314	2,549 2,549	592

Monthly Totals

1945			
Sep	0	0	0
Oct	227	35	0
Nov	341	799	10
Dec	451	653	102
1946			
Jan	746	911	115
Feb	1,373	1,668	140
Mar	2,010	2,031	70
Apr	2,124	2,985	140
May	1,758	3,166	160
		4,204	235

1946

Jan	746	911	115
Feb	1,373	1,668	140
Mar	2,010	2,031	70
Apr	2,124	2,985	140
May	1,758	3,166	160
Jun	2,492	4,204	235
Jul	1,934	2,910	298
Aug	2,680	3,660	257
Sep	2,836	5,906	350
Oct	1,566	4,337	269
Nov	2,875	3,847	400
Dec	1,430	2,100	412

1947

Jan	1,269	1,602	242
Feb	3,774	1,448	285
Mar	2,355	3,662	323
Apr	3,070	2,046	416
May	4,592	2,391	481
Jun	5,151	2,105	423
Jul	5,765	2,758	730
Aug	5,754	1,742	944
Sep	5,368	4,324	657
Oct	4,961 3811	3,538	1,155
Nov	4,996	3,166	747
Dec	5,867	1,806	701

1948

Jan	6,729	3,893	899
Feb	7,449	3,864	1,364
Mar	8,531	3,936	1,968
Apr	8,484	4,299	2,384
May	7,743	4,818	1,272
Jun	10,415	4,251	1,887
Jul	7,889	5,520	2,103
Aug	10,909 11,349	4,417	1,320 1,540

SOURCE: The Japanese Association of Optical and Precision Instruments Manufacturers; Ministry of Commerce and Industry.

*Checked
with ESS 26*

*Hino
Auton*

GLASS PRODUCTION

Cases of 100 sq
Table 8 ft of 2 MM glass
Window Glass

Period	Total Production	Glassware				Total Production
		Medical and Technical	Food	Electrical	Other	

Calendar Year Monthly Averages

1930	187,668					33,300 a/
1931	193,210					35,000 a/
1932	195,629					35,830 a/
1933	239,907					36,660 a/
1934	254,614					37,500 a/
1935	270,904					38,330 a/
1936	282,906					38,300 a/
1937	339,142					37,910 a/
1938	253,976					35,480 a/
1939	231,209					32,160 a/
1940	297,537					30,410 a/
1941	266,892					23,830 a/
1942	202,198					21,520
1943	190,140					10,690
1944	103,274					4,170
1945	26,809					2,459
1946	62,880					2,642
1947	99,240					5,306

Monthly Totals

1945						
Sep	12,552					677
Oct	30,850					1,619
Nov	41,510					1,962
Dec	30,712					2,802
1946						
Jan	17,347	251	0	178	365	794
Feb	54,140	228	0	146	394	768
Mar	64,988	495	7	180	1,017	1,699

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Oct	30,850					1,619
Nov	41,510					1,962
Dec	30,712					2,802
1946						
Jan	17,347	251	0	178	365	794
Feb	54,140	228	0	146	394	768
Mar	64,988	495	7	180	1,017	1,699
Apr	73,638	770	38	234	1,537	2,579
May	78,602	660	125	221	2,916	3,922
Jun	71,186	941	1,546	297	701	3,485
Jul	67,439	1,004	1,298	243	782	3,327
Aug	69,553	1,352	490	321	851	3,014
Sep	54,254	1,432	280	273	926	2,911
Oct	73,345	1,372	293	284	917	2,866
Nov	69,635	2,108	355	320	943	3,726
Dec	60,435	1,066	557	279	719	2,621
1947						
Jan	59,284	787	837	303	760	2,687
Feb	47,667	902	330	296	802	2,330
Mar	74,722	1,134	539	281	857	2,811
Apr	53,977	1,737	1,117	346	911	4,111
May	101,063	1,605	882	412	1,288	4,187
Jun	116,058	2,096	1,275	766	2,111	6,248
Jul	115,186	1,814	1,260	674	2,110	5,858
Aug	109,134	2,160	1,668	752	2,268	6,848
Sep	107,494	2,268	1,855	746	2,243	7,112
Oct	131,490	2,455	1,681	877	2,378	7,391
Nov	131,976	2,426	1,213	1,021	2,228	6,888
Dec	142,830	2,547	1,176	1,061	2,413	7,197
1948						
Jan	135,609	1,874	1,116	839	2,440	6,269
Feb	114,698	2,366	627	1,112	3,051	7,156
Mar	104,642	2,879	982	1,031	2,771	7,663
Apr	102,062	3,507	1,890	916	2,619	8,932
May	133,198	3,849	1,848	1,071	2,148	8,916
Jun	119,106	4,193	1,850	1,008	1,839	8,890
Jul	126,828	3,414	2,040	1,175	3,312	9,941
Aug	152,837	3,008	1,453	751	3,532	8,744

a/ Estimated.

SOURCE: Japan Glass Industry Cooperative Association; Ministry of Commerce and Industry.

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MOTOR VEHICLE PRODUCTION a/

Table 10										Units
Period	Heavy Trucks b/	Heavy Buses	Tractor Trucks and Trailers c/	Standard Trucks and Buses d/	Electric Vehicles e/	Small Four-wheel Vehicles	Small Three-wheel Vehicles f/	Motor-cycles and Motor Scooters g/	Total	
<u>Fiscal Year Monthly Averages (beginning 1 April)</u>										
1930	0	0	0	38	NA	0	25	113	NA	
1931	0	0	0	36	NA	*	46	100	NA	
1932	0	0	0	58	NA	15	126	114	NA	
1933	0	0	0	88	NA	52	198	117	NA	
1934	0	0	0	90	NA	143	287	125	NA	
1935	0	0	0	98	NA	326	863	139	NA	
1936	0	0	0	488	NA	520	1,070	121	NA	
1937	0	0	0	789	5	716	1,269	208	2,987	
1938	0	0	0	1,313	13	719	890	207	3,142	
1939	0	0	0	2,507	7	369	683	202	3,768	
1940	0	0	0	3,642	16	195	688	254	4,795	
1941	0	0	0	3,657	18	218	389	216	4,498	
1942	0	0	0	2,958	15	141	318	182	3,614	
1943	0	0	0	2,017	14	89	188	164	2,472	
1944	0	0	0	1,788	10	26	112	86	2,022	
1945	1	0	4	457	20	0	57	11	550	
<u>Calendar Year Monthly Averages</u>										
1946	6	0	26	1,172	38	61	224	19	1,546	
1947	15	*	54	778	79	137	619	168	1,850	
1948	16	11	78	1,317	117	328	1,404	646	3,917	
<u>Monthly Totals</u>										
1945										
Sep	NA	0	NA	104	10	0	0	0	NA	
Oct	NA	0	NA	573	7	0	0	0	NA	
Nov	3	0	NA	335	15	0	79	0	NA	
Dec	6	0	NA	440	14	0	20	0	NA	
1946										
Jan	3	0	13	415	15	0	70	0	516	
				561	28	0	84	0	686	

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Nov	3	0	NA	335	15	0	79	0	NA
Dec	6	0	NA	440	14	0	20	0	NA
1946									
Jan	3	0	13	415	15	0	70	0	516
Feb	3	0	16	561	22	0	84	0	686
Mar	3	0	18	1,115	21	3	51	0	1,211
Apr	2	0	15	1,402	19	7	170	15	1,630
May	5	0	4	1,272	31	7	187	25	1,531
Jun	3	0	7	1,483	31	7	124	29	1,684
Jul	5	0	9	1,463	32	14	213	17	1,753
Aug	7	0	24	1,264	26	105	283	28	1,737
Sep	20	0	25	1,296	39	135	341	23	1,879
Oct	7	0	47	1,280	58	155	365	34	1,946
Nov	3	0	68	1,250	109	155	364	20	1,969
Dec	11	0	63	1,261	48	148	440	23	1,999
1947									
Jan	5	0	44	817	40	105	396	16	1,423
Feb	10	0	40	497	62	75	442	183	1,309
Mar	11	0	34	869	52	85	502	52	1,605
Apr	18	0	62	642	59	128	548	103	1,560
May	14	0	69	777	56	159	608	59	1,742
Jun	12	0	36	660	79	131	677	250	1,845
Jul	27	0	67	499	82	121	530	114	1,440
Aug	18	0	57	838	93	131	589	203	1,929
Sep	18	0	68	909	92	95	698	97	1,977
Oct	19	0	56	776	100	206	728	264	2,149
Nov	18	0	60	744	112	193	852	329	2,308
Dec	9	1	52	1,312	121	215	862	351	2,923
1948									
Jan	4	2	71	852	111	212	814	353	2,419
Feb	11	2	70	983	125	238	952	364	2,745
Mar	32	2	73	942	114	258	1,093	382	2,896
Apr	23	5	78	1,208	123	265	1,177	484	3,363
May	9	9	71	1,211	112	285	1,316	532	3,545
Jun	13	15	97	1,260	118	299	1,392	678	3,872
Jul	17	16	83	1,388	108	300	1,415	614	3,941
Aug	12	20	79	1,388	98	338	1,499	501	3,955
Sep	10	10	76	1,465	117	400	1,497	830	4,405
Oct	9	16	80	1,581	120	421	1,745	810	4,782
Nov	23	18	78	1,726	120	424	1,852	778	5,019
Dec	26	12	84	1,805	137	500	2,100	1,431	6,095
1949									
Jan	21	13	65	1,822	135	504	2,003	769	5,332

Apr	18	0	62	642	59	128	548	103	1,560
May	14	0	69	777	56	159	608	59	1,742
Jun	12	0	36	660	79	131	677	250	1,845
Jul	27	0	67	499	82	121	530	114	1,440
Aug	18	0	57	838	93	131	589	203	1,929
Sep	18	0	68	909	92	95	698	97	1,977
Oct	19	0	56	776	100	206	728	264	2,149
Nov	18	0	60	744	112	193	852	329	2,308
Dec	9	1	52	1,312	121	215	862	351	2,923
1948									
Jan	4	2	71	852	111	212	814	353	2,419
Feb	11	2	70	983	125	238	952	364	2,745
Mar	32	2	73	942	114	258	1,093	382	2,896
Apr	23	5	78	1,208	123	265	1,177	484	3,363
May	9	9	71	1,211	112	285	1,316	532	3,545
Jun	13	15	97	1,260	118	299	1,392	678	3,872
Jul	17	16	83	1,388	108	300	1,415	614	3,941
Aug	12	20	79	1,388	98	338	1,499	501	3,985
Sep	10	10	76	1,465	117	400	1,497	830	4,405
Oct	9	16	80	1,581	120	421	1,745	810	4,782
Nov	23	18	78	1,726	120	424	1,852	778	5,019
Dec	26	12	84	1,805	137	500	2,100	1,431	6,095
1949									
Jan	21	13	65	1,822	135	504	2,003	769	5,332
Feb	18	28	66	1,802	141	542	2,134	956	5,687
Mar	21	30	75	1,814	150	643	2,341	1,259	6,333
Apr	14	26	64	1,747	143	724	2,003	692	5,413
May									
Jun									
Jul									
Aug									
Sep									
Oct									
Nov									
Dec									

- a/ Represents units of chassis produced.
- b/ Represents single chassis trucks (approximately 7 tons) only.
- c/ Includes both semi and full-trailer buses and trucks.
- d/ Includes small number of standard passenger cars from 1936 and thereafter.
- e/ Battery operated vehicles.
- f/ Only trucks were produced up to 1947.
- g/ Includes motor-cycles with side-cars.

SOURCE: Ministry of Commerce and Industry.

MANUFACTURING

SEWING MACHINE PRODUCTION

ELECTRICAL EQUIPMENT
(Selected Items)

Table 12 Number of Machines

Table 16

Unit: As Shown

House- Industrial Total
Period hold

Motors Gener- Trans- Lamps
Period H.P. ators formers Thou-
K.V.A. K.V.A. Pieces M.T.

Calendar Year Monthly Averages

Fiscal Year Monthly Averages

1930			
1931			
1932			
1933			
1934	517	0	517
1935	1,025	0	1,025
1936	3,100	0	3,100
1937	4,299	0	4,299
1938	5,789	0	5,789
1939	6,203	0	6,203
1940	6,433	0	6,433
1941	4,466	246	4,712
1942	3,208	303	3,511
1943	2,170	341	2,511
1944	1,337	454	1,791
1945	179	189	368
1946	1,379	496	1,875
1947	5,760	848	6,608

1930	58,178	16,117	69,825	13,354
1931	43,924	12,408	57,183	22,186
1932	51,343	15,588	75,908	26,712
1933	78,545	24,200	113,400	28,366
1934	119,738	34,583	162,027	27,032
1935	100,167	34,691	175,325	27,067
1936	167,200	45,475	232,008	35,712
1937	185,800	60,167	257,767	38,723
1938	198,367	61,200	285,817	25,897
1939	206,400	77,100	311,875	22,858
1940	196,275	73,417	309,250	25,400
1941	150,300	74,500	330,083	18,342
1942	168,458	92,083	322,000	18,363
1943	151,808	93,583	240,875	11,636
1944	202,750	158,917	247,667	4,481
1945	96,625	90,583	151,083	1,361
1946	39,156	2,966	72,320	4,193-4,401
1947	64,143	5,604	123,415	10,406-11,476

3 lines

Monthly Totals

Monthly Totals

1945			
Sep	2,148	2,267	4,415
Oct			
Nov			
Dec			
<i>only totals available - estimated that above was produced during Nov + Dec (Sept + Oct production unknown)</i>			
1946			
Jan	636	80	716
Feb	567	141	708

1945				
Sep				
Oct				
Nov				
Dec				
1946				
Jan	6,985	3,000	28,150	1,393 5.0
Feb	9,240	3,750	63,875	1,844 6.3
Mar	14,000	7,000	65,250	2,923 5.5

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775015

Nov
Dec

*only totals available - estimated that
above was produced during Nov + Dec
(Sept + Oct production unknown)*

1946

Jan	636	80	716
Feb	567	141	708
Mar	845	145	990
Apr	1,661	209	1,870
May	231	630	861
Jun	971	581	1,552
Jul	1,089	906	1,995
Aug	1,673	621	2,294
Sep	1,933	684	2,617
Oct	1,593	564	2,157
Nov	2,196	592	2,788
Dec	3,151	798	3,949

1947

Jan	2,470	675	3,145
Feb	2,815	796	3,611
Mar	3,108	814	3,922
Apr	3,530	827	4,357
May	5,496	772	6,268
Jun	6,689	969	7,658
Jul	6,860	913	7,773
Aug	6,700	806	7,506
Sep	7,545	1,111	8,656
Oct	7,527	951	8,478
Nov	7,865	664	8,529
Dec	8,519	874	9,393

1948

Jan	6,861	821	7,682
Feb	9,205	649	9,854
Mar	12,272	587	12,859
Apr	13,456	658	14,114
May	13,246	630	13,876
Jun	14,480	889	15,369
Jul	14,843	1,037	15,880
Aug	14,999	1,060	16,059

*checked
with ESS 26*

SOURCE: Sewing Machine Industrial Association.

Nov
Dec

1946

Jan	6,985	3,000	28,150	1,393	5.0
Feb	9,240	3,750	63,875	1,844	6.3
Mar	14,065	7,710	65,250	2,923	5.5
Apr	40,880	5,620	85,720	3,322	7.5
May	16,100	3,750	55,300	3,581	9.0
Jun	20,573	1,570	46,162	3,655	6.5
Jul	34,024	1,626	64,014	3,924	7.0 ⁹
Aug	33,654	1,621	56,572	4,378	8.0
Sep	33,383	2,070	50,528	4,879	6.0
Oct	38,021	2,161	41,808	4,158	5.6
Nov	34,104	1,727	98,047	3,411	6.9
Dec	27,970	739	78,054	3,967	10.5

1947

Jan	54,236	9,013	108,782	3,702	16.0
Feb	96,327	4,542	55,860	5,600	14.0
Mar	40,602	1,156	127,394	5,733	18.2
Apr	43,806	2,327	80,508	6,812	12.5
May	56,187	1,059	109,870	7,336	19.1
Jun	55,991	1,496	112,857	8,770	23.5
Jul	51,695	5,096	258,369	8,908	16.0
Aug	51,472	6,546	80,598	8,523	10.9
Sep	48,180	6,211	121,728	11,001	10.7
Oct	56,720	3,521	94,560	11,959	10.3
Nov	70,835	9,399	100,924	11,694	17.2
Dec	69,913	9,399	83,928	12,832	42.6

1948

Jan	69,913	10,399	83,928	12,832	42.5
Feb	81,911	9,453	144,601	10,132	20.3
Mar	84,071	2,222	115,669	11,502	19.1
Apr	102,400	10,514	177,369	15,411	28.0
May	121,777	2,228	142,329	12,911	25.8
Jun	94,997	4,515	209,759	12,683	31.0
Jul	95,944	8,363	140,473	12,835	21.7
Jul	95,670	23,164	148,220	13,400	33.6
Aug	105,430	3,509	236,219	13,417	31.4

SOURCE: Ministry of Commerce and Industry.

DECLASSIFIED E.O. 11652 SEC. 3(F) AND 5(D) OR (E) NNDG # 775015

AGRICULTURAL IMPLEMENTS
(Selected Items)

Table 15

Each

Make
1 line

Period	Forks	Hoes	Plows	Rice Hullers	Sickles	Sprayers	Threshers	Weeders
<u>Calendar year</u>								
<u>monthly averages</u>								
1930								
1931								
1932								
1933								
1934								
1935								
1936								
1937								
1938								
1939								
1940	34,433	96,513	32,881	1,361	985,615	6,174	15,596	35,836
1941	31,424	91,329	30,998	1,301	948,353	5,349	14,608	33,842
1942	29,368	89,222	30,067	1,269	927,964	4,416	13,783	33,030
1943	14,718	56,013	21,672	734	702,697	4,967	7,600	23,276
1944	5,153	59,518	9,799	289	449,700	3,701	3,566	24,613
1945	1,266	48,743	5,226	167	349,675	2,488	3,492	9,860
1946	17,022	111,556	15,339	506	638,066	11,305	10,666	24,863
1947	25,718 31,052	68,514 65,361	20,158 24,339	1,976 2,725	341,728 395,194	9,477 12,393	9,837 15,218	21,872 29,634

Monthly Totals

1945								
Sep								
Oct								
Nov								
Dec								
1946								
Jan	3,000	105,335	7,989	45	607,592	490	2,102	12,750
Feb	5,400	111,085	7,253	413	682,045	2,985	3,296	21,900
Mar	10,260	114,301	10,614	30	808,555	5,061	2,636	41,405
	10,000	127,127	11,015	190	830,140	11,684	4,043	33,293

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1946									
Jan	3,000	105,325	7,989	45	607,592	490	2,102	12,750	
Feb	5,400	111,085	7,253	413	682,045	2,985	3,296	21,900	
Mar	10,260	114,301	10,614	30	808,555	5,061	2,636	41,405	
Apr	10,990	127,127	14,015	190	830,140	11,684	4,043	33,293	
May	12,430	146,376	20,610	233	662,082	11,564	3,986	57,853	
Jun	17,090	135,250	22,425	228	449,975	10,930	7,237	35,254	27,254
Jul	15,746	123,321 ²	12,583	400	564,183	16,620	6,185	34,083	18,262
Aug	39,290	106,685	18,435	473	750,385	13,950	17,274	14,776	12,706
Sep	19,139	112,305	19,867	1,055 ³	615,410	17,180	18,635	18,185	10,605
Oct	20,558	86,969	17,093	701	580,788	16,230	18,149	4,250	4,350
Nov	31,831	96,461	16,326	1,169	575,539	14,700	15,395	5,941	4,441
Dec	18,530	73,469	16,852	1,129	529,800	14,260	19,104	18,660	17,650
1947									
Jan	20,930	46,680	16,381	698	601,234	12,460	14,143	21,690	19,190
Feb	17,050	51,634	24,250	945	196,843	10,680	6,575	22,100	19,230
Mar	16,900	73,506	20,943	1,221	214,954	16,300	6,994	33,928	31,868
Apr	27,292	28,643 ^{66,718}	22,151	1,187	1,768	243,781	7,400	9,200	6,064
May	28,821	32,426 ^{87,865}	23,967	836	1,418	455,715	11,086	13,382	3,181
Jun	20,741	32,524 ^{65,020}	26,605	1,097	2,292	609,115	11,903	13,973	11,745
Jul	31,824	48,586 ^{75,064}	21,136	2,859	3,129	664,811	8,183	10,213	12,317
Aug	25,788	36,788 ^{78,167}	21,941	3,112	3,553	201,707	6,476	10,176	14,327
Sep	27,806	31,606 ^{50,523}	15,134	1,996	3,664	189,093	6,668	11,958	15,546
Oct	35,550	48,760 ^{44,228}	18,476	3,753	5,337	234,326	11,797	12,407	17,601
Nov	31,633	34,133 ^{34,362}	13,518	3,384	4,143	329,250	8,469	14,985	12,348
Dec	24,275	28,474 ^{49,475}	17,391	2,622	4,533	159,906	2,541	12,979	11,820
1948									
Jan	36,100	48,477	21,588	3,075	636,690	18,247	10,630	25,897	24,447
Feb	47,238	72,386	25,169	4,567	480,995	22,048	14,345	70,764	69,574
Mar	74,217	69,168	26,396	5,537	1,235,690	23,113	12,257	60,075	58,275
Apr	65,139	89,132	24,968	4,831	1,014,353	25,387	15,881	81,304	77,994
May	56,487	85,277	21,811	5,657	1,143,353	23,591	25,379	77,172	74,216
Jun	59,270	29,418	19,921	5,153	899,863	19,067	22,671	80,043	73,223
Jul	43,648	65,890	17,011	4,934	432,638	18,651	19,728	36,204	26,440
Aug	46,088	68,617	17,338	6,126	719,499	25,119	25,885	9,976	9,976

SOURCE: Japan Advancement Association of Agricultural Machinery and Implements, Union.

WATCH AND CLOCK PRODUCTION

Table 13

Each

Period Date	Watches → Center			Clocks →			Total
	Wrist	Pocket	Total	Alarm	Desk	Wall	
<u>Calendar Year Monthly Averages</u>							
1930	37,500	12,500	50,000	78,125	26,042	48,333	152,500
1931	42,700	10,354	53,054	81,536	29,320	54,380	165,236
1932	50,250	14,286	64,536	83,745	28,460	58,650	170,855
1933	49,375	16,458	65,833	82,500	27,500	59,167	169,167
1934	65,245	19,273	84,518	83,281	24,365	62,333	169,979
1935	78,920	23,568	102,488	85,462	26,540	54,250	166,252
1936	103,465	26,341	129,806	73,750	23,386	50,135	147,271
1937	98,541	28,959	127,500	65,708	21,625	13,750	101,083
1938	97,625	32,542	130,167	77,500	25,833	18,833	122,166
1939	102,125	34,042	136,167	85,750	28,583	24,583	138,916
1940	109,188	36,396	145,584	32,188	10,645	22,917	65,750
1941	106,188	35,396	141,584	21,375	7,125	25,000	53,500
1942	72,604	23,229	95,833	0	0	18,917	18,917
1943	35,854	12,313	48,167	0	0	18,917	18,917
1944	15,500	5,175	20,675	0	0	13,750	13,750
1945	1,604	563	2,167	0	0	3,667	3,667
1946	9,041	2,574	11,615	17,754	17,901	9,939	45,594
1947	23,394	4,322	27,716	55,591	23,413	24,881	103,885

Totals
Monthly Production

1945							
Sep	0	0	0	0	0	1,818	1,818
Oct	1,589	200	1,789	0	0	1,852	1,852
Nov	1,409	250	1,659	0	0	1,012	1,012
Dec	3,669	306	3,975	0	0	1,925	1,925
1946							
Jan	2,188	1,800	3,988	0	2,049	1,407	3,456
Feb	5,311	2,000	7,311	0	4,401	1,544	5,945
Mar	3,824	2,100	5,924	1,310	10,547	2,405	14,262

3 spaces

Dec	3,669	306	3,975	0	0	1,925	1,925
1946							
Jan	2,188	1,800	3,988	0	2,049	1,407	3,456
Feb	5,311	2,000	7,311	0	4,401	1,544	5,945
Mar	3,874	2,100	5,974	1,310	10,547	2,405	14,262
Apr	4,580	2,200	6,780	4,526	12,772	4,764	22,062
May	9,298	2,200	11,498	8,245	19,785	5,858	33,888
Jun	6,867	2,784	9,651	16,531	28,010	9,177	53,718
Jul	7,057	2,600	9,657	15,093	32,334	9,861	57,288
Aug	10,382	3,009	13,391	45,115	25,775	14,965	85,855
Sep	15,062	3,200	18,262	32,678	29,666	17,536	79,880
Oct	14,179	3,500	17,679	29,265	24,823	15,936	70,024
Nov	14,055	2,918	16,973	24,313	12,696	14,702	51,711
Dec	15,641	2,578	18,219	35,976	11,959	21,112	69,047
1947							
Jan	11,932	2,329	14,261	37,723	24,162	17,019	78,904
Feb	14,960	3,507	18,467	44,064	19,418	18,082	81,564
Mar	17,930	3,500	21,430	47,081	17,991	16,741	81,813
Apr	20,680	3,831	24,511	57,915	19,907	21,073	98,895
May	23,192	4,210	27,402	62,388	25,112	21,197	108,697
Jun	24,462	4,509	28,971	64,913	29,061	27,374	121,348
Jul	21,431	4,620	26,051	57,995	27,645	25,824	111,464
Aug	25,791	4,878	30,669	61,168	30,765	28,455	120,388
Sep	24,230	4,084	28,314	58,094	23,316	31,833	113,243
Oct	31,980	6,419	38,399	60,948	24,366	28,571	113,885
Nov	25,895	3,836	29,731	57,149	19,639	30,255	107,043
Dec	38,240	6,144	44,384	57,649	19,578	32,149	109,376
1948							
Jan	30,242	5,250	35,492	58,265	19,909	29,048	107,222
Feb	41,282	7,000	48,282	73,741	27,982	36,865	138,588
Mar	39,965	8,100	48,065	67,892	24,717	41,055	133,664
Apr	36,528	9,505	46,033	79,016	24,548	39,367	142,931
May	29,835	8,426	38,261	88,812	25,215	44,751	158,778
Jun	36,444	11,396	37,840 ⁴⁷⁸⁴⁰	86,395	23,236	45,575	155,206
Jul	37,642	8,895	46,537	84,524	22,030	43,209	149,763
Aug	37,859	9,250	47,109	99,482	22,292	43,259	145,033

checked with ESS 26

a/ * Includes some electric and electromagnetic clocks made in watch and clock industry, but does not include electric clocks assembled by electric equipment manufacturers.

SOURCE: Japan Watch and Clock Association

*Machine check
J. Powell
19 Oct*

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1946									
Jan	288	489	253	91	12	39	153	116	664
Feb	150	377	376	196	115	56	57	24	824
Mar	402	498	366	76	208	29	65	9	753
Apr	619	434	364	127	151	28	83	6	759
May	1,770	308	361	108	153	18	141	19	800
Jun	2,318	660	308	81	201	86	129	35	840
Jul	1,348	1,032	266	98	116	33	129	12	654
Aug	475	1,039	524	49	101	44	205	10	933
Sep	491	1,184	217	47	86	19	53	12	434
Oct	471	699	292	37	139	33	96	17	614
Nov	220	1,171	261	66	122	57	79	13	598
Dec	459	723	317	63	105	7	111	29	632
1947									
Jan	387	525	176	23	137	178	70	7	591
Feb	270	569	209	17	155	154	82	12	629
Mar	237	840	168	47	192	55	80	45	587
Apr	127	748	168	67	135	39	110	22	541
May	355	649	207	48	157	24	83	89	617 ^{a/}
Jun	335	905	188	47	81	89	85	24	559 ^{a/}
Jul	362	1,158	178	28	107	54	95	28	497 ^{a/}
Aug	510	996	226	55	152	123	87	22	740 ^{a/}
Sep	486	1,224	147	51	101	196	69	46	623 ^{a/}
Oct	715	627	270	116	117	180	126	25	862 ^{a/}
Nov	587	1,048	332	67	135	119	158	23	843 ^{a/}
Dec	1,047	737	251	80	101	121	85	24	664 ^{a/}
1948									
Jan	1,027	767	174	46	87	48	96	13	464 ^{a/}
Feb	1,180	855	132	46	60	80	90	9	421 ^{a/}
Mar	1,078	860	210	60	131	76	75	15	580 ^{a/}
Apr	1,835	762	186	73	112	84	105	26	593 ^{a/}
May	1,982	846	124	52	108	45	87	61	504 ^{a/}
Jun	1,887	716	213	67	170	63	133	56	726 ^{a/}
Jul	1,649	659	277	52	199	77	162	44	820 ^{a/}
Aug	1,320	909	192	81	130	89	183	75	750

^{a/} Includes shark and whale skin leathers, but data for utilization of these are not available.

SOURCE: Ministry of Commerce and Industry.

DECLASSIFIED E.O. 11652 SEC. 3(F) AND 5(D) OR (E) NNDG # 775015

ELECTRIC GENERATING CAPACITY
(Major Public Utilities)

Table 1

Period	Generation ^{a/} Millions of KWH			Capacity ^{b/} Thousands of KW			Units As Shown Generation in KWH Per KW of Capacity		
	Hydro	Thermal	Total	Hydro	Thermal	Total	Hydro	Thermal	Total
	1930	12,509	1,313	13,822	2,815	1,078	3,893	4,444	1,218
1931	13,236	1,295	14,531	2,901	1,158	4,059	4,562	1,118	3,580
1932	14,648	1,641	16,289	2,984	1,254	4,238	4,908	1,308	3,844
1933	15,411	2,780	18,191	3,089	1,363	4,452	4,989	2,040	4,086
1934	17,152	3,044	20,196	3,171	1,500	4,671	5,409	2,029	4,323
1935	18,503	3,984	22,487	3,309	1,760	5,069	5,592	2,264	4,436
1936	20,758	3,985	24,743	3,652	2,074	5,726	5,684	1,921	4,321
1937	21,856	5,133	26,989	3,852	2,263	6,115	5,674	2,268	4,414
1938	22,972	6,134	29,106	4,085	2,386	6,471	5,624	2,571	4,498
1939	22,498	6,990	29,488	4,474	2,627	7,101	5,029	2,661	4,153
1940	24,493	6,481	30,974	4,916	2,817	7,733	4,982	2,301	4,005
1941	28,385	5,054	33,439	5,141	2,900	8,041	5,521	1,743	4,159
1942	26,071	6,995	33,066	5,399	2,943	8,342	4,829	2,377	3,964
1943	28,234	6,055	34,289	5,569	2,938	8,507	5,070	2,061	4,031
1944	28,528	4,061	32,589	5,748	2,866	8,614	4,963	1,417	3,783
1945	19,520	539	20,059	5,819	2,839	8,658	3,355	190	2,317
1946	26,489	903	27,392	5,688	2,808	8,496	4,657	322	3,224
1947	27,605	1,947	29,552	5,736	2,810	8,546	4,813	693	3,458

^{a/} 1930 - 1944 data represent output of all public utilities while later data represent output and purchase by major public utilities for public distribution (approximately 95 percent of total public utility output). Generation for fiscal year ending 31 March of following year.

^{b/} Capacity as of 31 December.

SOURCE: Electric Power Bureau, Ministry of Commerce and Industry.

Public Utilities,

Private Industrial

TRANSPORTATION & PUBLIC UTILITIES

TOTAL ELECTRIC ENERGY GENERATION

KWH

Table 2

Millions of K.W.H.

Period	Public Utilities a/			Government Railway b/	Private Industrial Plants b/ c/		Electric Power Industrial Total
	Hydro	Thermal	Total				
<u>Fiscal Year Monthly Averages</u> (beginning 1 April) (year ending 31 March)							
1930	1,042	110	1,152	12	145	1,309	
1931	1,103	107	1,210	21	144	1,375	
1932	1,221	136	1,357	12	142	1,511	
1933	1,284	232	1,516	18	125	1,659	
1934	1,430	253	1,683	23	173	1,879	
1935	1,542	332	1,874	23	212	2,109	
1936	1,730	332	2,062	22	250	2,334	
1937	1,822	427	2,249	16	306	2,571	
1938	1,915	511	2,426	20	316	2,762	
1939	1,874	583	2,457	31	333	2,821	
1940	2,041	540	2,581	45	330	2,956	
1941	2,366	421	2,787	44	324	3,155	
1942	2,173	583	2,756	46	333	3,135	
1943	2,353	504	2,857	46	319	3,222	
1944	2,377	338	2,715	43	267	3,025	
Calendar Year 1945	1,627	45	1,672	34	NA	NA	
Monthly Averages 1946	2,207 2,146	75 54	2,282 2,200	38 37	172 149	2,492 2,386	
1947	2,301 2,322	162 128	2,463 2,450	41	218 213	2,722 2,704	
1948	2,442	202	2,644	44	272	2,959	
<u>Monthly Totals</u>							
1945							
Sep	986	2	988	28			
Oct	1,205	0	1,205	31			
Nov	1,352	4	1,356	34	NA	NA	
Dec	1,634	22	1,656	38			
1946							
Jan	1,760	43 44	1,803 1,804	37	100	1,940 1,941	
Feb	1,771	50	1,821	35	103	1,959	
Mar	2,125 2,126	15	2,140 2,141	38	114	2,292 2,293	
Apr	2,093 2,099	18	2,111 2,112	37	128 129	2,276 2,277	
					161 162	2,475 2,476	

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1946

Jan	1,760		43	44	1,803	1,804	37		100	1,940	1,941
Feb	1,771		50		1,821		35		103	1,959	
Mar	2,125	2,126	15		2,140	2,141	38		114	2,292	2,293
Apr	2,095	2,099	18		2,111	2,112	37		128 129	2,276	2,277
May	2,246		31	30	2,277	2,276	37		161 162	2,475	2,476
Jun	2,215	2,216	31	32	2,246	2,247	36		165 166	2,447	2,450
Jul	2,290		38	37	2,328	2,327	35		166	2,529	2,528
Aug	2,300		47		2,347		36		163	2,546	
Sep	2,093		95		2,188	2,189	36		153	2,377	2,378
Oct	2,369		82		2,451		42		174	2,667	
Nov	2,171		102		2,273		38		173	2,484	
Dec	2,326		91	90	2,417	2,416	40		189	2,646	

1947

Jan	2,360		79		2,439		40		204	2,683	
Feb	1,822		149		1,971		35		165	2,171	
Mar	2,200		141		2,341		42		220	2,603	
Apr	2,559		94		2,653		42		209	2,904	
May	2,834		75		2,909		43		218	3,170	
Jun	2,741		81		2,822		42		221	3,085	
Jul	2,863		65		2,928		42		244	3,214	
Aug	2,263		129		2,392		38		220	2,650	
Sep	2,139		166		2,305		36		212	2,553	
Oct	2,297		157		2,454		44		216	2,714	
Nov	1,852		211		2,063		42		208	2,313	
Dec	1,935		193		2,128		42		220	2,390	

1948

Jan	1,919	1,907	200	268	2,179	2,175	39	43	201	209	2,419	2,427
Feb	1,889	1,877	288	296	2,178	2,173	35	37	206	198	2,419	2,408
Mar	2,314	2,299	227	236	2,541	2,535	43	44	241	245	2,826	2,825
Apr	2,633	2,611	166	169	2,799	2,780	42	43	255	245	3,095	3,075
May	2,744	2,723	146	151	2,891	2,873	43	44	273	253	3,207	3,192
Jun	2,365	2,351	210	215	2,575	2,566	40	41	241	274	2,856	2,848
Jul	2,670		75		2,745		43		287	3,075		
Aug	2,526		137		2,663		43		284	2,990		

- a/ Data for 1930-44 represent output of all utilities, while later data represent 95 percent of all public utility generation. Includes electric energy purchased from Ministry of Transportation and private plants.
- b/ Does not include electric energy sold to public utilities.
- c/ ^{Generation for self use} Output by plants with capacity of 500 KW and over: attached to industries that own an aggregate generating capacity of 500 KW and over.

Sep	2,638	112	2,750	42	313	3,104
Oct	2,586	242	2,828	45	307	3,180
Nov	2,507	251	2,758	47	314	3,120
Dec	2,604	274	2,879	52	337	3,267

SOURCE: Electric Power Bureau, Ministry of Commerce and Industry.

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Islands
PUBLIC UTILITY ELECTRIC ENERGY GENERATION (BY DISTRICTS)

Table 3

kWh
Millions of K.W.H.

Date	Hokkaido		Honshu		Shikoku		Kyushu	
	Hydro	Thermal	Hydro	Thermal	Hydro	Thermal	Hydro	Thermal

Fiscal Year Monthly Averages

<i>(Year ending March 31)</i> <i>(Beginning April 1)</i>								
1930	46	1	872	81	25	4	99	24
1931	46	1	926	85	28	1	103	20
1932	49	2	1,021	109	29	2	122	23
1933	53	4	1,056	193	32	3	143	32
1934	56	5	1,209	189	37	5	128	54
1935	61	6	1,281	261	38	7	162	58
1936	64	9	1,443	238	47	9	176	76
1937	66	14	1,529	294	55	10	172	109
1938	67	21	1,613	342	59	12	176	136
1939	75	19	1,580	381	56	18	163	165
1940	77	19	1,711	333	71	17	182	171
1941	89	15	1,970	227	83	14	224	165
1942	87	18	1,823	342	65	36	198	187
1943	92	11	1,969	289	84	28	208	176
1944	94	7	2,017	149	83	15	183	167
Calendar Year 1945	78	0	1,307	5	56	0	186	40
Monthly Averages 1946	89 88	1 *	1,831 1,772	18 11	73 68	1	214 218	55 42
1947	99	3 2	1,950 1,966	64 44	71 72	5 3	179 185	90 79
1948	98	12	2,075	75	84	6	185	109

Monthly Totals

1945								
Sep	66	0	738	1	29	0	153	1
Oct	65	0	930	0	34	0	175	0
Nov	66	0	1,062	0	38	0	186	4
Dec	76	0	1,319	0	50	0	189	22
1946								
Jan	76	0	1,449	1	51	0	184	42
Feb	74	0	1,471	3	51	*	175	47
Mar	82	*	1,732	4	62	0	249	11
Apr	81	0	1,706	*	64	0	242	18
			1,834	6	72	0	254	24
							288	28

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Jan	76	0	1,449	1	51	0	184	42	
Feb	74	0	1,471	3	51	*	175	47	
Mar	82	*	1,732	4	62	0	249	11	
Apr	81	0	1,706	*	64	0	242	18	
May	86	1	1,834	6	72	0	254	24	
Jun	86	1	1,813	1	78	0	238	29	
Jul	91	0	1,875	6	72	1	252	31	
Aug	92	0	1,864	12	87	0	257	35	
Sep	91	0	1,715	37	66	1	221	57	
Oct	98	0	1,991	20	79	*	201	62	
Nov	101	0	1,855	23	58	5	157	74	
Dec	101	0	1,963	16	73	0	189	75	
1947									
Jan	93	2	1,949	9	88	0	230	68	
Feb	73	5	1,522	49	67	*	160	95	
Mar	78	5	1,883	43	74	1	165	92	
Apr	90	2	2,234	10	76	2	159	80	
May	111	0	2,416	11	92	0	215	64	
Jun	113	0	2,333	18	90	0	205	63	
Jul	109	*	2,379	11	102	0	273	54	
Aug	99	2	1,876	65	85	*	203	62	
Sep	98	2	1,812	81	52	5	177	78	
Oct	114	2	1,976	61	54	4	153	90	
Nov	107	2	1,582 ^v	95	37	13	126	101	
Dec	106	4	1,629	76	52	9	148	104	
1948									
Jan	89 86	7 13	1,625 1,635	115	60	13 14	148 126	125 126	
Feb	77 72	6 12	1,597 1,607	133	68	9	147 131	141	
Mar	79 76	13 20	1,944 1,947	92	91 92	1	200 184	121 123	
Apr	111 112	* 1	2,253 2,245	37 38	93	0 *	175 162	128 130	
May	122	* 2	2,334	44	90	3	198	180	
Jun	117 116	2 5	2,007 2,014	104	65	13	175 157	91 92	
Jul	107	8	2,192	14	101	* 0	369 269	53	
Aug	100	10	2,108	58	91	*	227	69	
Sep	97	16	2,186	17	103	*	252	79	
Oct	102	16	2,207	106	91	7	185	114	
NOTE ***	Represents Amounts less than 0.5.								
Nov	96	16	2,176	86	75	13	160	136	
Dec	87	20	2,255	97	79	10	183	147	
SOURCE:	Ministry of Commerce and Industry.								

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PUBLIC UTILITIES

TOTAL ELECTRIC ENERGY CONSUMPTION a/

Table 4

Millions of K.W.H.⁶

Period	Commercial and Industrial			Total Residential	Total Consumption	
	Public Utilities	Private Plant				
	Consumers with Demand of 500 kw and Over	Consumers with Demand under 500 kw b/	(Over 500 kw) and Government Railway c/			
<u>Calendar Year Monthly Averages</u>						
1930	656 d/	d/	164	820	232	1,052
1931	665 d/	d/	162	826	235	1,061
1932	756 d/	d/	164	920	233	1,153
1933	900 d/	d/	151	1,050	218	1,268
1934	1,028 d/	d/	173	1,200	223	1,424
1935	1,171 d/	d/	212	1,383	233	1,616
1936	1,272 d/	d/	250	1,522	236	1,758
1937	1,398 d/	d/	307	1,704	246	1,950
1938	1,653 d/	d/	316	1,969	250	2,219
1939	1,744 d/	d/	369	2,113	250	2,363
1940	^{b790} 1,970 d/	d/	350	2,140	242	2,381
1941	1,965 d/	d/	333	2,298	237	2,535
1942	2,035 d/	d/	333	2,369	217	2,585
1943 e/	NA	NA	NA	2,432	200	2,632
1944 e/	NA	NA	NA	2,273	178	2,451
1945	NA	NA	NA	NA	NA	NA
1946	861	320	208	1,388 ^{1,387}	501	1,889 ^{1,870}
1947	944	402	272	1,618	500	2,119
1948	1,049	435	331	1,815	470	2,285
1949						
<u>Monthly Totals</u>						
1945						
Sep						
Oct	438	170	119	727	321	1,048
Nov	483	182	128	793	371	1,164
Dec	537	201	139	877	452	1,329

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1945							
Sep							
Oct	438	170	119	727	321	1,048	
Nov	483	182	128	793	371	1,164	
Dec	537	201	139	877	452	1,329	
1946							
Jan	601	220	143	964	530	1,494	
Feb	652	262	138	1,052	503	1,555	
Mar	734	255	157	1,146	511	1,657	
Apr	862	351	191	1,404	509	1,913	
May	969	326	220	1,515	487	2,002	
Jun	987	359	222	1,568	448	2,016	
Jul	992	358	229	1,579	471	2,050	
Aug	1,038	353	232	1,623	415	2,038	
Sep	889	343	224	1,456	433	1,889	
Oct	935	321	248	1,504	534	2,038	
Nov	838	372	237	1,448	553	2,000	
Dec	831	324	252	1,408	616	2,024	
1947							
Jan	833	336	250	1,419	673	2,092	
Feb	736	329	217	1,282	527	1,809	
Mar	770	309	244	1,324	597	1,921	
Apr	1,003	411	272	1,686	603	2,289	
May	1,127	427	295	1,849	604	2,453	
Jun	1,148	452	296	1,896	532	2,428	
Jul	1,239	451	317	2,008	516	2,524	
Aug	1,034	412	282	1,728	415	2,143	
Sep	908	414	266	1,588	403	1,991	
Oct	928	423	283	1,634	438	2,072	
Nov	818	422	265	1,505	366	1,870	
Dec	784	440	278	1,502	332	1,834	
1948							
Jan	748	422	268	1,439	405	1,844	
Feb	771	402	250	1,423	434	1,857	
Mar	951	382	303	1,637	467	2,104	
Apr	1,147	441	322	1,910	478	2,388	
May	1,245	440	337	2,022	445	2,467	
Jun	1,109	438	302	1,849	381	2,230	
Jul	1,139	455	342	1,935	412	2,347	
Aug	1,117	453	336	1,906	433	2,339	
Sep	1,157	444	370	1,972	440	2,412	
		461	367	1,935	517	2,452	
					500	2,499	

*Machimo
Checked
Ayer*

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May	989	358	222	1,579	471	2,050
Jun	987	359	222	1,568	448	2,016
Jul	992	358	229	1,579	471	2,050
Aug	1,038	353	232	1,623	415	2,038
Sep	889	343	224	1,456	433	1,889
Oct	935	321	248	1,504	534	2,038
Nov	838	372	237	1,448	553	2,000
Dec	831	324	252	1,408	616	2,024
1947						
Jan	833	336	250	1,419	673	2,092
Feb	736	329	217	1,282	527	1,809
Mar	770	309	244	1,324	597	1,921
Apr	1,003	411	272	1,686	603	2,289
May	1,127	427	295	1,849	604	2,453
Jun	1,148	452	296	1,896	532	2,428
Jul	1,239	451	317	2,008	516	2,524
Aug	1,034	412	282	1,728	415	2,143
Sep	908	414	266	1,588	403	1,991
Oct	928	423	283	1,634	438	2,072
Nov	818	422	265	1,505	366	1,870
Dec	784	440	278	1,502	332	1,834
1948						
Jan	748	422	268	1,439	405	1,844
Feb	771	402	250	1,423	434	1,857
Mar	951	382	303	1,637	467	2,104
Apr	1,147	441	322	1,910	478	2,388
May	1,245	440	337	2,022	445	2,467
Jun	1,109	438	302	1,849	381	2,230
Jul	1,139	455	342	1,935	412	2,347
Aug	1,117	453	336	1,906	433	2,339
Sep	1,157	444	370	1,972	440	2,412
Oct	1,107	461	367	1,935	517	2,452
Nov	1,074	452	372	1,899	600	2,499
Dec	1,024	432	400	1,855	625	2,480

*Machine
Checked
Agw*

- a/ Electric energy supplied by the utility system, the Ministry of Transportation, Semi-independent utilities and privately owned plants attached to factories.
- b/ Include temporary seasonal and other consumers.
- c/ Include distribution by Semi-independent utilities.
- d/ Include consumers with demand under 500 kw.
- e/ Fiscal years beginning 1 April.

SOURCE: Electric Power Bureau, Ministry of Commerce and Industry.

*This is not a table.
Original data: See
original attached
sheet
28 Jun 48*

GAS PRODUCTION AND CONSUMPTION

Table 6

Period					Cubic Meters	
	Industrial Consumption a/	Household Consumption b/	Underfiring c/	Leakage d/	Total Production	
<u>Fiscal Year Monthly Averages (Beginning 1 April)</u>						
1930						
1931					62,681,000	
1932					66,251,000	
1933					61,182,000	
1934					64,204,000	
					68,386,000	
1935						
1936					69,147,000	
1937					72,709,000	
1938					78,406,000	
1939					92,045,000	
					100,340,000	
1940						
1941					106,171,000	
1942					113,203,000	113,203,500
1943					116,459,000	
1944					111,912,000	
					122,652,000	
1945						
1946	5,385,368	16,479,086	403,690		35,523,000	
1947	12,092,268	23,595,928	7,362,109	6,887,324	29,155,492 29,155,468	
1948				5,921,603	48,971,885 48,971,908	

Monthly Totals

1945						
Sep						
Oct						
Nov						
Dec						
1946						
Jan	2,344,427	10,116,545	306,000	7,098,818	19,865,790	
Feb	2,518,562	9,642,530	616,000	9,172,883	21,949,975	
Mar	2,843,964	10,922,109	692,000	12,262,369	26,720,442	
Apr	5,678,000	15,861,238	272,000	13,089,249	32,300,573	31,129,710

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1946

Jan	2,344,427	10,116,545	306,000	7,098,818	19,865,790
Feb	2,518,562	9,642,530	616,000	9,172,883	21,949,975
Mar	2,843,964	10,922,109	692,000	12,262,369	26,720,442
Apr	5,678,086 3,587,550	15,261,238 15,060,750	272,000	13,089,249 12,269,410	32,300,573 31,129,710
May	3,909,751	17,551,332	305,000	10,935,352	32,701,435
Jun	3,726,690	15,913,170	342,000	9,650,910	29,632,770
Jul	5,177,682	17,214,641	312,000	6,460,632	29,164,955
Aug	5,076,498	16,167,244	296,000	8,053,292	29,593,034
Sep	5,330,460	17,027,220	300,000	5,954,640	28,612,320
Oct	5,106,320	16,672,668	339,000	3,485,656	25,603,644
Nov	5,268,120	16,303,650	417,000	5,538,120	27,526,890
Dec	5,782,864	17,427,270	405,000	4,400,899	28,016,033

1947

Jan	7,429,708 7,274,708	13,951,240	393,950	4,716,059 4,871,057	26,490,957
Feb	6,187,776	16,006,788	514,960	4,676,940	27,386,464
Mar	8,195,997	18,453,060	947,364	6,410,982	34,007,403
Apr	8,892,816	19,600,445	2,088,926	5,681,428	36,263,615
May	9,991,325	19,943,400	4,848,926	7,018,578	41,802,229
Jun	11,005,381	20,372,596	7,585,421	5,297,086	44,260,484
Jul	12,393,133	21,970,446	10,790,629	6,227,273	51,381,481
Aug	14,105,558	20,341,215	9,245,665	6,317,335	50,009,773
Sep	12,485,929	19,694,710	8,961,825	6,354,809	47,497,273
Oct	11,632,748	21,158,680	6,780,601	5,311,846	44,883,875
Nov	11,510,562	23,251,408	6,188,598	5,257,146	46,207,714
Dec	12,281,391	26,842,400	7,446,439	6,482,292	53,052,522

1948

Jan	12,704,769	29,339,776	6,711,675	4,837,951	53,594,171
Feb	13,583,388	28,680,816	7,881,133	5,518,864	55,664,201
Mar	14,520,226	31,955,253	9,815,470	6,754,635	63,045,584
Apr	15,231,863	30,342,250	12,053,436	6,735,597	64,363,146
May	15,518,218	29,644,472	12,991,451	6,077,392	64,231,533
Jun	15,899,976	28,977,174	13,054,572	5,795,954	63,727,676
Jul	15,831,897	29,389,736	11,928,927	4,829,315	61,979,873
Aug	16,089,057	28,825,686	8,927,691	6,543,859	60,386,293

a/ Includes gas consumed in gas works.

b/ Includes gas consumed by Occupation Forces.

c/ Gas for underfiring coke ovens not included up to 1945.

d/ Calculated from reported production and consumption.

Sep	16,025,005	29,091,680	10,218,328	5,356,686	60,691,699
Oct	16,577,776	30,881,050	10,892,407	5,040,801	63,412,027
NOV	16,969,057	34,081,173	10,784,776	5,898,077	67,733,083
Dec	16,575,865	44,544,804	10,877,246	7,307,237	79,305,152

SOURCE: Ministry of Commerce and Industry.

RAILWAY CASUALTIES -- GOVERNMENT RAILWAYS

PUBLIC SAFETY-
TRANSPORTATION

Table 3

Period	Number of Casualties									
	<u>Struck by Trains</u>		<u>Train Collisions and Derailments</u>		<u>Falling and Jumping from Trains</u>		<u>Other Causes</u>		<u>Total</u>	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured

1930
1931
1932
1933
1934

1935
1936
1937
1938
1939

1940
1941
1942
1943
1944

1945
1946
1947

Monthly

1945
Sep
Oct
Nov
Dec

1946
Jan
Feb
Mar

DECLASSIFIED E.O. 11652 SEC. 3(F) AND 5(D) OR (E) NNDG #

775015

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1946												
1947	72	111	6	35	87	137	7	31	172	314		
	86	121	199	521	43	194	1	18	329	254		
	64	46	6	95	61	136	2	16	133	293		
	67	55	22	138	43	131	2	15	134	339		
	86	77	7	32	42	141	3	24	138	274		
	53	66	8	35	35	133	1	33	97	267		
	84	68	29	105	58	180	1	33	172	386		
	67	61	5	33	31	170	1	34	104	298		
	78	54	14	63	33	148	1	30	126	295		
	66	64	11	39	37	143	1	25	115	271		
	45	41	3	36	50	135	0	18	98	230		
	87	64	6	30	47	140	0	8	140	242		
1948												
	99	47	5	27	52	134	0	5	156	213		
	77	57	10	24	35	127	1	10	123	218		
	80	57	4	19	43	130	0	13	127	219		
	93	73	10	17	52	129	0	14	155	233		
	86	80	11	12	40	140	1	21	138	253		
	86	72	9	42	37	145	3	26	135	285		
	65	71	13	64	31	152	1	32	110	319		
	102	85	4	45	34	141	1	28	141	299		

SOURCE: Ministry of Transportation.

DECLASSIFIED E.O. 11652 SEC. 3(F) AND 5(D) OR (E) NNDG # 775015

RAILWAY CASUALTIES-PRIVATE RAILWAYS

Table 7

Period Date	Number of Casualties									
	^{Ru} Starck By Trains		Train Collisions And Derailments		Falling and Jumping From Trains		Other Causes		Total	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured

Double
space

1930
1931
1932
1933
1934

1935
1936
1937
1938
1939

1940
1941
1942
1943
1944

1945
1946
1947

triple
space

1948

Monthly Totals

Double
space

1945

Sep
Oct
Nov
Dec

Double
space

1946

Jan
Feb
Mar
Apr

Jan
Feb
Mar
Apr
May
Jun

Jul
Aug
Sep
Oct
Nov
Dec

1947 Monthly

Jan
Feb
Mar
Apr
May
Jun

Jul
Aug
Sep
Oct
Nov
Dec

72	29	2	138	15	49	0	6	89	222
58	32	7	94	12	45	0	4	77	175
53	34	5	44	16	37	0	0	74	115

1948

Jan
Feb
Mar
Apr
May
Jun

Jul
Aug

35	23	43	196	18	51	1	3	97	273
30	21	2	37	17	49	0	4	49	111
38	25	51	293	11	29	0	12	100	359
48	35	6	53	10	55	0	2	64	145
44	31	2	12	14	55	1	2	61	100
44	29	17	54	8	68	2	1	71	152
65	58	7	211	8	57	2	7	82	333
67	48	0	35	5	62	1	10	73	155

SOURCE: Ministry of Transportation

*Machine check
J. Powell
Dow*

GOVERNMENT RAILWAY OPERATIONS ^{a/}

Table 7

Period	Unit: As Shown			
	Passengers (thousands)	Freight Conveyed (thousands M.T.)	Passenger Trains ^{b/} (thousands train K.M.)	Freight Trains (thousands train K.M.)
<u>Fiscal Year Monthly Averages</u>				
1930				
1931				
1932				
1933				
1934				
1935				
1936	88,219	8,133	11,226	5,970
1937	96,356	8,871	11,347	6,537
1938	112,042	9,838	11,316	7,091
1939	134,434	10,952	11,892	7,791
1940	156,528	12,145	12,472	8,266
1941	181,018	12,461	12,979	8,604
1942	189,987	13,170	13,059	9,350
1943	220,675	14,848	12,664	10,709
1944	285,949	13,422	11,736	10,602
1945	247,758	6,789	9,175	6,240
1946	264,696	7,608	8,447	5,511
1947	275,202	8,666	7,285	6,361

Monthly Totals

1945
 Sep
 Oct
 Nov
 Dec

1946
 Jan
 Feb

1946

Jan				
Feb				
Mar				
Apr	304,958	6,700	8,801	5,134
May	294,332	7,686	9,489	5,525
Jun	272,948	7,487	9,330	5,482
Jul	231,406	7,458	9,861	5,571
Aug	220,945	7,914	9,780	5,712
Sep	318,266	8,203	9,488	5,654
Oct	305,296	8,323	9,939	6,102
Nov	284,260	8,044	8,599	5,596
Dec	276,879	6,953	7,566	4,800

1947

Jan	215,358	6,985	6,197	5,157
Feb	200,404	7,072	5,850	5,251
Mar	251,305	8,472	6,452	6,145
Apr	334,146	8,659	6,429	6,370
May	323,174	8,910	6,855	6,621
Jun	252,393	8,619	7,004	6,439
Jul	259,466	8,470	7,577	6,236
Aug	241,271	8,487	7,751	6,339
Sep	263,228	8,455	7,172	5,987
Oct	306,534	9,148	7,573	6,482
Nov	286,705	8,800	7,582	6,437
Dec	282,391	8,696	7,585	6,199

1948

Jan	269,354	8,141	7,338	6,285
Feb	225,417	8,411	7,022	6,236
Mar	258,346	9,191	7,531	6,699
Apr	357,981	9,357	6,998	6,614
May	306,149	10,024	7,308	6,849
Jun	259,823	9,809	7,071	6,631
Jul	252,704	9,690	8,109	6,513
Aug	226,965	9,719	8,085	6,616

a/ Allied Trains excluded.

b/ Includes Mixed Passenger.

SOURCE: Ministry of Transportation.

GOVERNMENT RAILWAY FREIGHT TONNAGE

Table 8

Period	Forest Products	Agricultural Products	Mine Products	Manufactured Products	Thousands of Metric Tons	
					Other Products	Total

) 3 spaces

1930
1931
1932
1933
1934

1935
1936
1937
1938
1939

1940
1941
1942
1943
1944

1945
1946
1947
~~1948~~
~~1949~~

3 spaces

Monthly Totals

1945							
Sep							
Oct							
Nov	1,099	1,011	1,459	504	2,906	6,979	
Dec	908	970	1,742	499	2,716	6,835	
1946							
Jan	833	759	1,966	450	2,222	6,230	
Feb	992	684	2,091	583	2,520	6,869	6,870

1946

Jan	833	759	1,966	450	2,222	6,230
Feb	992	684	2,090 2,091	583	2,520	6,869 6,870
Mar	1,147	658	2,239	645	2,507	7,196
Apr	1,331	674	2,761	615	2,582 2,713	7,763 8,094
May	1,548	648	2,586	720	3,036	8,538 8,539
Jun	1,532	520	2,738	755	2,595	8,140
Jul	1,609 1,068	656	2,659	754	2,392	8,070
Aug	1,666	628	2,689 2,690	738	2,516	8,237
Sep	1,757	906	3,033	789	2,599	9,084 9,083
Oct	1,575	1,392 1,393	2,907	696	2,518	9,088
Nov	1,412	1,187	3,002	596	2,324	8,521
Dec	1,181	937	2,968	557	2,171	7,814

1947

Jan	1,251	735	2,884 2,885	525	2,002	7,397
Feb	1,300	683	2,928	606	2,051	7,568
Mar	1,713	904	3,463	790	2,564	9,434
Apr	1,690	973	3,286	753	2,587	9,289
May	1,868	777	3,405	780	2,823	9,653
Jun	1,754	631	3,489 3,499	818	2,712 2,703	9,404 9,405
Jul	1,672	797	3,580 3,581	814	2,651	9,514
Aug	1,654	889	3,421 3,422	769	2,539	9,272
Sept	1,608	941 951	3,382 3,390	760	2,346 2,335	9,037 9,044
Oct	1,624	1,413	3,602	759	2,474	9,872
Nov	1,417	1,446	3,519	671	2,355	9,408
Dec	1,373	1,117	3,515	664	2,256	8,925

1948

Jan	1,434	986	3,490	558	2,184	8,652
Feb	1,444	956	3,637	623	2,286	8,946
Mar	1,636	973	3,971	725 726	2,557	9,862
Apr	1,765	859	3,828	728	2,608	9,788
May	1,950	816	4,173	824 825	2,657	10,420
Jun	1,936	814	4,149	819	2,387	10,105
Jul	1,953	961	4,032	833	2,289	10,068
Aug	2,014	1,032	3,956 3,957	867	2,214	10,083

ALLIED TRAINS EXCLUDED,
 SOURCE: MINISTRY OF TRANSPORTATION

Machine Check
 Oct 15
 14 in. motor

TRANSPORTATION

TONNAGE CONVEYED IN COASTWISE TRADE

Table 9

Period	Freighted Tons			
	Wooden Vessels		Steel Vessels	Steel Tankers
	100 Gross Tons and Over	Under 100 Gross Tons		

1930
1931
1932
1933
1934

1935
1936
1937
1938
1939

1940
1941
1942
1943
1944

1945
1946
1947

3spaces } Monthly Totals

Period	100 Gross Tons and Over	Under 100 Gross Tons	Steel Vessels	Steel Tankers
1945				
Sep	95,203		183,000 183,359	3,055
Oct	137,399	303,205	308,000 315,320	3,707
Nov	223,429	432,544	247,000 226,512	8,806
Dec	220,143	431,525	426,968 193,625	6,529
1946				
Jan	178,412	488,991	200,000 210,883	23,000 27,377

WATERBORNE TONNAGE CARRIED IN FOREIGN TRADE

Table 16

Period	Freighted Tons	
	Export	Import

1930
1931
1932
1933
1934

1935
1936
1937
1938
1939

1940
1941
1942
1943
1944

1945
1946
1947

3spaces } Monthly Totals

Period	Export	Import
1945		
Sep		
Oct	25,211	2,429
Nov	34,890	
Dec	53,106	
1946		
Jan	40,528	14,492
Feb	78,419	24,850

1946

Jan	178,412	488,991	200,000 ^{210,883}	23,000 27,377
Feb	306,685 ^{206,685}	489,252	224,000 ^{257,536}	33,000 26,833
Mar	284,459	528,755	309,815 ^{344,755}	37,000 29,771
Apr	307,500	649,443	385,479	50,000 56,372
May	309,178	727,130	394,340 ^{376,699}	55,000 34,426
Jun	262,302	765,334	379,765	53,000 27,041
Jul	307,789 ^{307,800}	840,709 ⁰	368,673 ^{362,831}	48,000 48,839
Aug	360,035	862,731	377,823 ^{377,828}	44,000 44,774
Sep	414,072	964,275	372,742	35,000 35,548
Oct	434,429	1,047,514	437,592	50,000 49,851
Nov	476,299	1,104,311	441,747	47,000 49,408
Dec	407,161	959,695	426,966	52,000 35,964

1947

Jan	397,280	915,721	433,964	42,000 39,251
Feb	423,485 ^{422,779}	890,580	418,809 ^{418,989}	35,000 34,137
Mar	508,351 ^{499,985}	1,138,110	555,917	67,000 62,094
Apr	495,356	1,129,769 ^{1,137,716}	618,235	81,000 80,705
May	551,984 ^{551,987}	1,369,766	603,233	83,000 83,127
Jun	534,935	1,410,299	726,620	75,000 75,227
Jul	628,801 ^{628,310}	1,340,754	689,649	138,000 137,712
Aug	618,674 ^{618,418}	1,241,862	669,748	93,000 98,886
Sep	630,580	1,306,432 ^{1,467,567}	690,061	129,000 136,960
Oct	599,475	1,462,327 ^{1,445,770}	687,157	174,598
Nov	630,591	1,329,474	813,431	166,252 166,249
Dec	669,254	1,401,455	735,868	123,095

1948

Jan	688,844 ^{688,844}	1,563,782	771,903	148,917
Feb	743,348 ^{742,348}	1,456,923	944,567	87,342 87,311
Mar	796,785	1,667,731	955,100	158,713 154,117
Apr	772,666	1,661,543	1,014,234	182,736
May	814,849	1,706,412	1,129,958	116,226
Jun	823,133	1,669,446	1,115,900 ^x	132,032
Jul	816,298	1,850,000 ^{1,773,915}	1,086,531	138,239
Aug	777,850 ^{777,850}	1,900,000 ^{1,854,847}	1,100,000 ^{1,200,631}	113,620

^a Does not include Steel Tankers.
SOURCE: Civilian Merchant Marine Committee.

1946

Jan	40,528	14,492
Feb	78,419	24,850
Mar	87,738	38,520
Apr	86,826	45,712
May	92,428	28,590
Jun	79,299	24,371
Jul	73,419	24,857
Aug	98,364	37,139
Sep	95,379	50,053
Oct	128,893	47,352
Nov	114,105	58,746
Dec	83,938	63,747

1947

Jan	86,983	43,625
Feb	98,982	56,690
Mar	113,872	82,998
Apr	124,105	65,930
May	160,817	80,266
Jun	166,860	28,720
Jul	160,124	19,064
Aug	185,348	29,000
Sep	155,479	13,327
Oct	133,965	47,114
Nov	122,901	23,310
Dec	121,039	15,439

1948

Jan	112,208	60,874
Feb	124,375	44,319
Mar	149,207	39,923
Apr	134,097	49,545
May	104,255	53,864
Jun	89,168	119,938
Jul	123,330	159,157
Aug	113,000 ^{125,064}	164,000 ^{165,773}

SOURCE: Civilian Merchant Marine Committee.

DECLASSIFIED E.O. 11652 SEC. 3(E) AND 5(D) OR (E) NNDG # 775015

COASTWISE CARGO (STEEL VESSELS 100 GROSS TONS AND OVER)

Table 15

Freighted Tons

Period	Coal	Charcoal and Coke	Iron and Steel	Lumber	Provisions	Other	Total
--------	------	-------------------	----------------	--------	------------	-------	-------

3 spaces

1930
1931
1932
1933
1934

1935
1936
1937
1938
1939

1940
1941
1942
1943
1944

1945
1946
1947

3 spaces / Monthly Totals

1945

Sep	158,351	308		4,457	6,693	13,550	183,359
Oct	253,918	4,757		19,984	4,690	24,379	307,728
Nov	133,370	8,935	6,570	30,087	5,917	62,179	247,058
Dec	117,889	8,157	5,375	13,043	9,472	32,381	186,317

1946

Jan	122,146	9,542	4,460	17,754	8,699	37,668	200,269
Feb	134,813	12,624	16,782	17,717	11,368	30,548	223,852
Mar	189,324	16,856	14,761	22,247	24,595	34,186	301,969
Apr	206,144	22,011	17,479	64,446	16,903	106,178	433,161
May	214,744	24,865	39,054	51,690	5,510	58,977	394,340
Jun	214,744	24,865	39,054	51,690	5,510	58,977	394,340
Jul	214,744	24,865	39,054	51,690	5,510	58,977	394,340
Aug	214,744	24,865	39,054	51,690	5,510	58,977	394,340
Sep	214,744	24,865	39,054	51,690	5,510	58,977	394,340
Oct	214,744	24,865	39,054	51,690	5,510	58,977	394,340
Nov	214,744	24,865	39,054	51,690	5,510	58,977	394,340
Dec	214,744	24,865	39,054	51,690	5,510	58,977	394,340

Feb	134,813	12,624	16,782	17,717	11,368	30,548	223,852
Mar	189,324	16,856	14,761	22,247	24,595	34,186	301,969
Apr	206,144	22,011	17,479	64,446	16,903	106,178	433,161
May	214,744	24,365	39,054	51,690	5,510	58,977	394,340
Jun	224,337	19,931	26,807	53,831	2,345	52,514	379,765
Jul	237,741	14,622	15,745	47,863	4,751	47,951	368,673
Aug	222,528	13,354	10,390	51,770	26,066	53,715	377,823
Sep	206,952	10,708	13,249	56,972	11,304	73,557	372,742
Oct	220,053	9,375	17,055	55,728	15,128	120,812 120,283	438,161 437,592
Nov	205,137	5,274	11,983	36,317	28,501	154,535	441,747
Dec	253,345	9,085	19,811	35,877	40,145	68,703	426,966

1947

Jan	277,194	11,082	19,169	20,543	1,192	104,784	433,964
Feb	241,786	26,244	15,833	24,659	9,260	102,257	419,989
Mar	339,554	30,173	15,048	29,175	11,559	130,408	555,917
Apr	358,357	26,352	22,935	48,543	15,071	146,977	618,235
May	363,064	33,638	13,356	39,471	10,440	143,263	603,233
Jun	425,134	25,186	20,967	71,773	9,187	174,373	726,620
Jul	432,403	20,245	21,773	56,745	23,698	134,785	689,649
Aug	405,777	23,332	17,915	60,599	32,207	129,918	669,748
Sep	386,149	29,296	33,489	78,425	13,885	148,817	690,061
Oct	390,512	20,181	24,031	46,671	90,738	115,024	687,157
Nov	446,722	25,997	24,961	33,681	134,603	147,467	813,431
Dec	444,456	16,608	21,259	33,559	66,006	153,980	735,868

1948

Jan	486,568	30,213	34,378	31,560	48,960	140,224	771,903
Feb	555,638	31,347	37,020	44,882	41,263	234,417	944,567
Mar	558,454	28,619	38,501	72,194	32,497	224,835	955,100
Apr	590,211	19,501	61,554	88,002	31,970	222,996	1,014,234
May	601,479	30,901	44,129	126,487	11,788	315,174	1,129,958
Jun	649,734	25,012	44,747	118,256	9,649	268,542	1,115,940
Jul	615,047	30,125	50,712	100,041	25,670	264,936	1,086,531
Aug	571,478	43,560	67,433	121,599	36,465	261,162	1,101,697

SOURCE: Civilian Merchant Marine Committee.

*Machine checked
J. Powell
18 Oct.*

7, June 49
Hiro
JES #32

Dead File - 25 Jul 49

CHEMICAL FERTILIZER PRODUCTION

Table 25

Metric Tons

Period	Ammonium a/ Sulfate	Calcium a/ Cyanamide b/	Calcium c/ Superphosphate
--------	------------------------	----------------------------	------------------------------

Calendar Year Monthly Averages

1930	22,167 22,152✓	19,000 19,032✓	79,750 79,763✓
1931	32,750 32,770✓	14,000 13,003✓	71,833 71,867✓
1932	38,333 38,305✓	15,083 15,049✓	86,833 86,791✓
1933	39,250 39,283✓	18,583 18,617✓	93,083 93,048✓
1934	41,167 41,257✓	16,417 16,438✓	93,833 93,846✓
1935	51,000 51,155✓	21,750 17,193✓	111,000 109,680✓
1936	73,333 72,936✓	24,167 17,878✓	119,750 119,766✓
1937	77,583 77,602✓	21,333 21,370✓	131,925 131,915✓
1938	92,333 92,347✓	20,333 20,311✓	103,333 102,822✓
1939	84,083 84,074✓	14,500 14,498✓	121,667 124,005✓
1940	92,417 92,456✓	16,083 16,072✓	136,667 141,598✓
1941	103,500 103,478✓	19,333 19,316✓	104,250 111,595✓
1942	91,583 95,512✓	16,917 16,926✓	47,333 54,237✓
1943	80,500 80,538✓	13,833 13,477✓	46,750 53,116✓
1944	59,333 59,443✓	13,750 13,717✓	9,333 14,861✓
1945	20,250 20,123✓	5,200 6,485✓	917 1,976✓
1946	38,902 39,115✓	12,107 12,116✓	14,268 16,700✓
1947	60,082 ✓	14,583 ✓	59,078 ✓
1948	78,847 78,846✓	17,080 ✓	79,546 ✓

Monthly Totals

1945			
Sep			
Oct			
Nov			
Dec			
1946			
Jan	20,969 21,138	7,478	968 1,713
Feb	22,038 22,178	7,822 7,848	1,145 2,261
			1,437 3,404

7, June 49
Hiro
JES #32

HEAVY INDUSTRY
SULFURIC ACID
PRODUCTION

Table 23

Metric Tons

Period	Pro- duction d/
--------	--------------------

Calendar Year
Monthly Averages

1930	91,664 93,475✓
1931	97,731 109,133✓
1932	124,097 124,100✓
1933	151,690 151,692✓
1934	165,180 165,200✓
1935	184,015 184,017✓
1936	240,918 240,917✓
1937	322,229 294,392✓
1938	285,176 285,192✓
1939	255,918 287,383✓
1940	262,123 303,792✓
1941	275,314 298,050✓
1942	212,076 210,008✓
1943	198,749 209,508✓
1944	133,031 161,808✓
1945	39,720 56,517✓
1946	76,550 76,462✓
1947	124,075 ✓
1948	162,481 ✓

Monthly Totals

1945	
Sep	
Oct	
Nov	
Dec	
1946	
Jan	39,727 39,750
Feb	44,030 44,039
Mar	56,563 56,792

Jan	20,969	21,138	7,478
Feb	22,038	22,178	7,822
Mar	28,918	29,120	9,198
Apr	31,474	31,974	10,170
May	41,702	42,014	11,826
Jun	42,823	43,208	14,450
Jul	38,391	39,048	14,448
Aug	45,088	45,076	11,694
Sep	46,552	46,625	13,139
Oct	54,774	54,788	15,465
Nov	46,700	46,817	15,143
Dec	47,391		14,452

1946	968	1,713
	1,145	2,261
	1,437	3,404
	3,114	8,006
	4,289	9,434
	4,840	11,014
	10,790	16,439
	15,874	17,657
	17,451	18,445
	39,045	38,939
	31,521	32,246
	40,737	40,845

Jan	39,727	39,750
Feb	44,030	44,039
Mar	56,563	56,792
Apr	62,955	63,022
May	73,312	71,693
Jun	76,533	76,593
Jul	80,486	80,561
Aug	90,161	90,265
Sep	87,766	
Oct	99,073	
Nov	103,449	103,444
Dec	104,548	

1947

Jan	47,493	12,322
Feb	44,754	10,558
Mar	63,973	10,590
Apr	61,069	15,138
May	75,274	18,268
Jun	67,429	19,922
Jul	75,820	19,995
Aug	55,804	16,449
Sep	55,594	14,441
Oct	61,778	14,705
Nov	54,219	11,712
Dec	57,774	10,893

40,213
32,964
42,712
47,581
56,885
67,322
58,496
62,352
71,667
74,583
74,741
79,416

1947

Jan	103,352
Feb	95,034
Mar	111,824
Apr	119,192
May	129,924
Jun	124,120
Jul	129,324
Aug	127,998
Sep	137,677
Oct	142,209
Nov	137,697
Dec	130,544

1948

Jan	56,874	7,284
Feb	51,249	7,606
Mar	68,153	14,038
Apr	93,402	20,012
May	104,765	22,685
Jun	77,399	19,038
Jul	86,838	14,970
Aug	70,230	17,475
Sept	83,481	17,504

76,516
79,845
81,316
82,768
62,949
67,064
73,168
105,869
79,324

1948

Jan	136,353
Feb	130,484
Mar	153,456
Apr	163,488
May	175,826
Jun	165,750
Jul	171,796
Aug	172,979
Sept	164,593

a/ Converted to 20 percent N₂ content. 17,504

b/ Up to 1942, calcium cyanamide actually was produced with 20 percent nitrogen content. Since then, the standard of production has been 16 percent nitrogen content. Accordingly, the bulk fertilizer is now of poorer quality than in former years.

g/ Converted to 16 percent P₂O₅ content. 25,432

Oct	85,208	79,724
Nov	86,413	79,598
Dec	82,144	86,405
Jan	84,747	91,451
Feb	76,024	86,242
		15,889

SOURCE: Ministry of Agriculture and Forestry (1930-1945); Ministry of Commerce and Industry. (1946-1948).

at 50°BE (contact acids are converted to the same concentration).
Sources: Annual data: Natural Resources Section Report No. 70; Monthly data: Ministry of Commerce and Industry.

Oct	179,001
Nov	170,220
Dec	165,792
1949 Jan	180,616
Feb	173,509

CHEMICAL FERTILIZER PRODUCTION

Table 25

Period	← Ammonium a/ Sulfate	← Calcium a/ Cyanamide b/	← Calcium c/ Superphosphate
--------	--------------------------	------------------------------	--------------------------------

Calendar Year Monthly Averages

1930	22,167	19,000	
1931	32,750	14,000	
1932	38,333	15,083	
1933	39,250	18,583	
1934	41,167	16,417	
1935			
1936	51,000	21,750	
1937	73,333	24,167	
1938	77,583	21,333	
1939	92,333	20,333	
	84,083	14,500	
1940			
1941	92,417	16,083	
1942	103,500	19,333	
1943	91,583	16,917	
1944	80,500	13,833	
	59,333	13,750	
1945			
1946	20,250	5,200	
1947	38,902	12,107	
	60,082	14,583	
1948	78,846	17,080	

Monthly Totals

1945			
Sep			
Oct			
Nov			
Dec			
1946			
Jan	20,969	7,478	
Feb	22,038	7,822	
Mar	28,918	9,198	
Apr	31,474	10,170	
May			

HEAVY INDUSTRY
SULFURIC ACID
PRODUCTION

Table 23

Period	Production
--------	------------

Calendar Year Monthly Averages

1930	91,664
1931	97,731
1932	124,097
1933	151,690
1934	165,180
1935	
1936	184,015
1937	240,918
1938	322,229
1939	285,176
	255,918
1940	
1941	262,123
1942	275,314
1943	212,076
1944	198,749
	133,031
1945	
1946	39,720
1947	76,550
	124,075

Monthly Totals

1945	
Sep	
Oct	
Nov	
Dec	
1946	
Jan	39,727
Feb	44,030
Mar	56,562
Apr	62,955
May	73,313

Jan	20,969	7,478	968
Feb	22,038	7,822	1,145
Mar	28,918	9,198	1,437
Apr	31,474	10,170	3,114
May	41,702	11,826	4,289
Jun	42,823	14,450	4,840

Jul	38,391	14,448	10,790
Aug	45,088	11,694	15,874
Sep	46,552	13,139	17,451
Oct	54,774	15,465	39,045
Nov	46,700	15,143	31,521
Dec	47,391	14,452	40,737

1947

Jan	47,493	12,322	40,213
Feb	44,754	10,558	32,964
Mar	63,973	10,590	42,712
Apr	61,069	15,138	47,581
May	75,274	18,268	56,885
Jun	67,429	19,922	67,322

Jul	75,820	19,995	58,496
Aug	55,804	16,449	62,352
Sep	55,594	14,441	71,667
Oct	61,778	14,705	74,583
Nov	54,219	11,712	74,741
Dec	57,774	10,893	79,416

1948

Jan	56,874	7,284	76,516
Feb	51,249	7,606	79,845
Mar	68,153	14,038	81,316
Apr	93,402	20,012	82,768
May	104,765	22,685	62,949
Jun	77,399	19,038	67,064

Jul	86,838	14,970	73,168
Aug	70,230	17,475	105,869
Sep	83,781	17,504	79,324

single square
double square

a/ Converted to 20 percent N₂ content. 17,504

b/ Up to 1942, calcium cyanamide actually was produced with 20 percent nitrogen content. Since then, the standard of production has been 16 percent nitrogen content. Accordingly, the bulk fertilizer is now of poorer quality than in former years.

c/ Converted to 16 percent P₂O₅ content.

Oct	85,208	25,437	79,724
Nov	86,413	21,279	79,598
Dec	82,144	17,628	86,405

SOURCE: Ministry of Agriculture and Forestry (1930-1945); Ministry of Commerce and Industry (1946-1948).

Jan	39,727
Feb	44,030
Mar	56,562
Apr	62,955
May	73,312
Jun	76,533

Jul	80,486
Aug	90,161
Sep	87,766
Oct	99,073
Nov	103,449
Dec	104,548

1947

Jan	103,352
Feb	95,034
Mar	111,824
Apr	119,192
May	129,924
Jun	124,120

Jul	129,324
Aug	127,998
Sep	137,677
Oct	142,209
Nov	137,697
Dec	130,544

1948

Jan	136,353
Feb	130,484
Mar	153,456
Apr	163,488
May	175,826
Jun	165,750

Jul	171,796
Aug	172,979
Sep	164,593

Source: Annual data: Natural Resources Section Report No. 70; Monthly data: Ministry of Commerce and Industry.

Oct	179,001
Nov	170,270
Dec	165,750

FOREST EXPLOITATION AND REFORESTATION

BARK BEETLE DAMAGE TO FORESTS

Table 15

Period Date	Cut+Over	Refor- ested	Percent of Cut Over Area Re- forested	Hectares
				Cumula- tive Area in Need of Refor- estation

Fiscal Years Totals

1930	364,020	319,003	87.6	45,017
1931	386,780	333,124	86.1	98,672
1932	441,018	338,961	76.9	200,729
1933	422,682	349,496	82.7	273,915
1934	447,603	383,287	85.6	338,231
1935	422,531	346,335	82.0	414,426
1936	465,428	369,213	79.3	510,641
1937	458,412	368,430	80.4	600,623
1938	481,194	404,531	84.1	677,286
1939	529,779	412,794	77.9	794,271
1940	563,261	417,872	74.2	939,660
1941	663,246	633,873	95.6	969,033
1942	741,160	680,379	91.8	1,029,814
1943	751,300	508,658	67.7	1,272,455
1944	707,184	404,008	57.1	1,575,631
1945	795,699	469,708	59.9 ⁰ *	1,901,622
1946	901,510	393,353	43.6	2,409,778
1947*	859,015	427,252	49.7	2,841,542

*1947 figure is an estimate and subject to change.

1945
Sep
Oct
Nov
Dec
1946
Jan
Feb

Table 17

Period Date	Area (Hectares)		Volume (Cubic Meters)	
	Annual	Cumula- lative	Annual	Cumula- lative

Unit: As shown

1930				
1931				
1932	3,974	3,974	11,690	11,690
1933	4,080	8,054	15,980	27,670
1934	2,993	11,047	16,909	44,579
1935	4,805	15,852	16,236	60,815
1936	21,209	37,061	22,298	83,113
1937	9,883	46,944	30,477	113,590
1938	34,144	81,088	163,405	276,995
1939	42,307	123,395	194,389	471,384
1940	67,800	191,195	264,006	735,390
1941	77,976	269,171	315,581	1,050,971
1942	79,158	348,329	470,754	1,521,725
1943	109,172	457,501	415,913	1,937,638
1944	55,035	512,536	443,763	2,381,401
1945	54,770	567,306	403,084	2,784,485
1946	93,236	660,542	910,368	3,694,853
1947	174,445	834,987	1,075,183	4,770,036

1945
Sep
Oct
Nov
Dec
1946
Jan
Feb
Mar

Dec
1946
Jan
Feb
Mar
Apr
May
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Jul
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Sep
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Nov
Dec

1947
Jan
Feb
Mar
Apr
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Jun
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Aug
Sep
Oct
Nov
Dec

1948
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug

SOURCE: Ministry of Agriculture and Forestry.

Dec
1946
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec

1947
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec

1948
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug

SOURCE: Ministry of Agriculture and Forestry.

This table has been
retyped by the sheet
that was given by NRS,
Table 15 19 Jun 49

FOREST EXPLOITATION AND REFORESTATION

FORESTRY

Checked
tel

Cho

Period	Cut Over	Reforested	Percent of Cut Over Area Reforested	Cummulative Area in Need of Reforestation
<u>Fiscal Year Totals</u>				
1930	367,052	321,660	87.6	45,392
1931	390,001	335,899	86.1	99,494
1932	444,691	341,784	76.9	202,401
1933	426,202	352,407	82.7	276,196
1934	451,331	386,479	85.6	341,048
1935	426,050	349,220	82.0	417,878
1936	469,304	372,288	79.3	514,894
1937	462,230	371,499	80.4	605,625
1938	485,202	407,900	84.1	682,927
1939	534,191	416,232	77.9	800,886
1940	567,952	421,352	74.2	947,486
1941	668,770	639,152	95.6	977,104
1942	747,333	686,046	91.8	1,038,391
1943	757,557	512,895	67.7	1,283,053
1944	713,074	407,373	57.1	1,588,754
1945	802,326	473,620	59.0	1,917,460
1946	909,018	396,629	43.6	2,429,849
1947 ^{a/}	866,170	430,810	49.7	2,865,209

SOURCE: Ministry of Agriculture and Forestry.
a/ 1947 figure is an estimate and subject to change.

no revise figures?

Table 15 should be revised by
attached sheet. 11 Jul 49 Hino

BARK BEETLE DAMAGE TO FORESTS

Table 17

Period	As Shown			
	Area a/ (Acres)		Volume b/ (Cubic Feet)	
	Annual	Cumulative	Annual	Cumulative

Table 17

As Shown

Period	Area a/ (Acres)		Volume b/ (Cubic Feet)	
	Annual	Cumulative	Annual	Cumulative
1930				
1931				
1932	9,821 ✓	9,821 ✓	412,821 413,264	412,821 413,264
1933	10,081 ✓	19,902 ✓	564,318 564,836	977,139 978,101
1934	7,395 ✓	27,297 ✓	597,160 597,767	1,574,299 1,575,868
1935	11,873 ✓	39,170 39,119	573,358 573,926 ✓	2,147,657 2,149,794
1936	52,409 52,410 ✓	91,579 ✓	787,432 788,224	2,935,089 2,938,018
1937	24,422 88,398	116,001 179,977	1,076,300 1,077,933	4,011,389 4,015,951
1938	84,371 ✓	200,372 264,348	5,770,555 5,776,242	9,781,944 9,792,193
1939	104,542 104,550 ✓	304,914 368,898	6,864,759 6,871,756	16,646,703 16,663,949
1940	167,538 167,558 ✓	472,452 536,455	9,323,214 9,332,486	25,969,917 25,996,434
1941	192,683 192,720 ✓	665,135 729,175	11,144,569 11,156,603	37,114,486 37,153,037
1942	195,602 197,234 ✓	860,737 926,409	16,624,419 16,678,935	53,738,905 53,831,972
1943	269,769 267,867 ✓	1,130,506 1,194,277	14,687,763 14,743,252 ✓	68,426,668 68,575,223
1944	135,994 136,175 ✓	1,266,500 1,330,351	15,671,258 15,616,685 ✓	84,097,926 84,191,909
1945	135,338 119,364 ✓	1,401,838 1,449,715	14,234,720 14,025,035	98,332,646 98,216,944
1946	230,391 140,276 ✓	1,632,229 1,589,991	32,149,159 32,771,620 ✓	130,481,805 130,988,564
1947	431,062 431,070 ✓	2,063,291 2,021,060	37,969,504 37,969,504	168,451,309 168,958,068
1948 ✓	335,709	2,356,769	53,388,806	222,347,874

Note: a/ Converted from cho by factor: 1 Cho = 2.451 acres.

b/ Converted from cubic meters by factor: 1 Cubic meter = 35.314 cubic feet.

c/ Estimate and subject to change.

SOURCE: Ministry of Agriculture and Forestry.

Corrections were
made by attached
sheet.

11 July 49 Hino

But final table should be metric
unit, so for conversion, it is more
to use actual unit (Cho & Koku). ^{accurate}
We don't necessary to convert
Jap. unit to American unit.

✓ Acres = 0.404687 hectares

✓ 1 cubic foot = 0.028317 cubic meters

FOREST EXPLOITATION AND REFORESTATION

Table 15

Cho

Period	Cut Over	Reforested	Percent of Cut Over Area Reforested	Cummulative Area in Need of Reforestation
<u>Fiscal Year Totals</u>				
1930	367,052	321,660	87.6	45,392
1931	390,001	335,899	86.1	99,494
1932	444,691	341,784	76.9	202,401
1933	426,202	352,407	82.7	276,196
1934	451,331	386,479	85.6	341,048
1935	426,050	349,220	82.0	417,878
1936	469,304	372,288	79.3	514,894
1937	462,230	371,499	80.4	605,625
1938	485,202	407,900	84.1	682,927
1939	534,191	416,232	77.9	800,886
1940	567,952	421,352	74.2	947,486
1941	668,770	639,152	95.6	977,104
1942	747,333	686,046	91.8	1,038,391
1943	757,557	512,895	67.7	1,283,053
1944	713,074	407,373	57.1	1,588,754
1945	802,326	473,620	59.0	1,917,460
1946	909,018	396,629	43.6	2,429,849
1947 ^{a/}	866,170	430,810	49.7	2,865,209

SOURCE: Ministry of Agriculture and Forestry.

^{a/} 1947 figure is an estimate and subject to change.

BARK BEETLE DAMAGE TO FORESTS

Table 17

As Shown

Period	Area ^{a/} (Acres)		Volume ^{b/} (Cubic Feet)	
	Annual	Cummulative	Annual	Cummulative

BARK BEETLE DAMAGE TO FORESTS

Table 17

As Shown

Period	Area a/ (Acres)		Volume b/ (Cubic Feet)	
	Annual	Cumulative	Annual	Cumulative
1930				
1931				
1932	9,821	9,821	412,821	412,821
1933	10,081	19,902	564,318	977,139
1934	7,395	27,297	597,160	1,574,299
1935	11,873	39,170	573,358	2,147,657
1936	52,409	91,579	787,432	2,935,089
1937	24,422	116,001	1,076,300	4,011,389
1938	84,371	200,372	5,770,555	9,781,944
1939	104,542	304,914	6,864,759	16,646,703
1940	167,538	472,452	9,323,214	25,969,917
1941	192,683	665,135	11,144,569	37,114,486
1942	195,602	860,737	16,624,419	53,738,905
1943	269,769	1,130,506	14,687,763	68,426,668
1944	135,994	1,266,500	15,671,258	84,097,926
1945	135,338	1,401,838	14,234,780	98,332,646
1946	230,391	1,632,229	32,149,159	130,481,805
1947	431,062	2,063,291	37,969,504	168,451,309

Note: a/ Converted from cho by factor: 1 Cho = 2.451 acres.

b/ Converted from cubic meters by factor: 1 Cubic meter = 35.314 cubic feet.

SOURCE: Ministry of Agriculture and Forestry.