

## Group 2.—TOBACCO MANUFACTURES

[A preliminary report for the "Cigarettes" industry was issued on October 12, 1940; for the "Cigars" industry, on December 4, 1940; and for the "Tobacco (Chewing and Smoking) and Snuff" industry, on November 7, 1940]

**Description of the industries.**—The Tobacco Manufactures group comprises three industries, as follows: "Cigarettes," "Cigars," and "Tobacco (chewing and smoking) and snuff." The census does not cover tobacco curing and stemming plants, nor establishments engaged solely in packing tobacco.

**Number of establishments.**—The numbers of establishments shown in the census report fall below the corresponding numbers given in the report of the Commissioner of Internal Revenue, the differences being due to the following causes: (1) On the records of Internal Revenue the same establishment may appear two or more times—for example, as manufacturing cigars, as manufacturing cigarettes, and as manufacturing chewing tobacco—whereas for census purposes such an establishment would make only one report and would be classified according to its product of chief value. (2) Every dealer in scrap tobacco is required to register with the Bureau of Internal Revenue, whereas the Manufactures Census statistics do not include data for dealers. (3) Growers of perique tobacco are required by the Bureau of Internal Revenue to register as manufacturers of tobacco, but are not covered by the Census of Manufactures. (4) A considerable number of manufacturers registered for taxation purposes made products valued at less than \$5,000, and therefore were not covered by the Census of Manufactures. For this reason, also, the quantities of tobacco products, as given in this report, are somewhat less than the corresponding quantities published by the Bureau of Internal Revenue.

**Inclusion of internal-revenue tax in cost of materials and value of products.**—All branches of tobacco manufacture are subject to internal-revenue taxation. Tobacco manufacturers were directed, in preparing returns for the Census of Manufactures, to report the

total selling value of all products manufactured during the year, including the total internal-revenue tax paid on these products. The amounts of such taxes have also been included in the cost of materials since 1931, and the inclusion of the revenue-tax data in both the cost of materials and the value of products makes possible the calculation of the value added by manufacture (value of products less cost of materials, fuel, etc.—i. e., the value actually created by the manufacturing processes).

As stated above, a separate report is required by the Bureau of Internal Revenue for each plant or factory making a particular product, whereas for census purposes each establishment is classified as a whole according to its product of chief value. For example: An establishment classified in the "Cigars" industry by the Bureau of the Census might manufacture 10,000,000 cigars and 100,000 pounds of tobacco during the year, in which case all figures in the report, including the item for internal-revenue tax, would be tabulated for the "Cigars" industry, whereas the Bureau of Internal Revenue would tabulate separately the tax on the cigars and that on the tobacco. The annual report of the Commissioner of Internal Revenue shows separately the value of stamps used in connection with the manufacture of cigarettes, of cigars, of tobacco, and of snuff during the calendar year, whereas the census figures on cost of materials and value of products include the tax paid on the products manufactured in the "Cigarettes," "Cigars," and "Tobacco and snuff" industries, respectively. A further cause—of minor importance, however—of the differences between the two sets of figures is the fact that the internal-revenue figures include the tax paid by manufacturers of products valued at less than \$5,000. (See (4) under "Number of establishments," above.)

TABLE 1.—GROUP 2—SUMMARY FOR TOBACCO MANUFACTURES, AND FOR EACH INDUSTRY, FOR THE UNITED STATES: 1899 TO 1939

INDUSTRY AND CENSUS YEAR	Number of establishments <sup>1</sup>	Wage earners (average for the year) <sup>2</sup>	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work <sup>3</sup>	Value of products	Value added by manufacture <sup>4</sup>	Horsepower of prime movers
<b>TOBACCO MANUFACTURES</b>							
1939	765	87,525	\$68,499,717	\$972,036,787	\$1,322,189,139	\$350,152,352	49,665
1937	852	92,158	70,291,395	947,628,432	1,272,687,918	325,059,486	( <sup>5</sup> )
1935	890	90,543	59,447,844	809,025,398	1,093,400,046	284,374,648	( <sup>5</sup> )
1933	804	87,325	50,932,946	659,095,090	909,082,316	249,987,226	( <sup>5</sup> )
1931	1,228	99,769	69,411,167	785,502,241	1,155,851,190	370,348,949	( <sup>5</sup> )
1929	1,788	116,119	94,578,749	420,272,352	1,246,241,839	( <sup>5</sup> )	35,447
1927	2,156	129,299	105,250,631	420,666,513	1,163,768,379	( <sup>5</sup> )	26,803
1925	2,623	132,132	111,558,170	425,769,266	1,091,000,981	( <sup>5</sup> )	25,418
1923	3,672	146,837	120,462,233	515,864,980	1,044,192,405	( <sup>5</sup> )	( <sup>5</sup> )
1921	4,372	149,985	120,903,492	608,688,363	1,048,489,597	( <sup>5</sup> )	( <sup>5</sup> )
1919	10,291	157,097	123,988,084	483,567,754	1,012,933,213	( <sup>5</sup> )	28,960
1914	13,951	178,872	77,856,100	207,133,584	490,165,222	( <sup>5</sup> )	25,790
1909	15,822	166,810	69,354,594	177,185,621	416,695,104	( <sup>5</sup> )	22,967
1904	16,827	159,406	62,639,093	126,085,608	331,111,181	( <sup>5</sup> )	20,992
1899	14,959	132,526	47,975,331	92,866,542	263,713,173	( <sup>5</sup> )	21,026

See footnotes at end of table.

TOBACCO MANUFACTURES

TABLE 1.—GROUP 2—SUMMARY FOR TOBACCO MANUFACTURES, AND FOR EACH INDUSTRY, FOR THE UNITED STATES: 1899 TO 1939—Continued

INDUSTRY AND CENSUS YEAR	Number of establishments <sup>1</sup>	Wage earners (average for the year) <sup>2</sup>	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work <sup>3</sup>	Value of products	Value added by manufacture <sup>4</sup>	Horsepower of prime movers
<b>CIGARETTES</b>							
1939	35	27,426	\$26,067,632	\$811,068,315	\$1,037,747,517	\$226,679,202	37,151
1937	34	26,149	24,182,395	771,521,509	968,926,917	197,405,408	( <sup>5</sup> )
1935	29	24,447	18,314,976	641,312,972	806,690,052	165,377,080	( <sup>5</sup> )
1933	27	22,544	13,835,250	503,559,633	637,775,557	134,215,924	( <sup>5</sup> )
<b>CIGARS</b>							
1939	598	50,897	34,239,556	79,249,087	160,754,424	81,505,337	1,501
1937	693	55,879	37,522,223	87,341,365	169,236,768	81,895,403	( <sup>5</sup> )
1935	746	56,019	33,503,474	77,813,997	151,264,707	73,450,710	( <sup>5</sup> )
1933	665	54,558	30,060,615	72,589,039	139,372,193	66,783,154	( <sup>5</sup> )
<b>CIGARETTES AND CIGARS, COMBINED AS ONE INDUSTRY</b>							
1931	1,103	88,328	60,737,688	674,343,984	986,738,067	312,394,083	( <sup>5</sup> )
1929	1,636	105,308	85,623,298	356,778,023	1,066,908,888	( <sup>5</sup> )	25,192
1927	1,997	116,174	94,589,211	335,356,075	965,523,702	( <sup>5</sup> )	15,689
1925	2,445	117,108	99,373,421	331,350,626	874,814,564	( <sup>5</sup> )	12,196
1923	3,466	130,036	107,723,504	369,491,203	821,226,819	( <sup>5</sup> )	( <sup>5</sup> )
1921	4,146	133,357	108,161,040	452,211,828	806,748,865	( <sup>5</sup> )	( <sup>5</sup> )
1919	9,926	138,773	111,313,348	353,297,366	773,662,495	( <sup>5</sup> )	13,609
1914	13,615	152,892	68,306,398	130,529,525	314,884,297	( <sup>5</sup> )	8,738
1909	15,362	139,578	60,431,949	102,719,795	260,088,233	( <sup>5</sup> )	( <sup>5</sup> )
1904	16,394	135,416	55,863,678	81,131,561	214,343,551	( <sup>5</sup> )	4,498
1899	14,522	103,365	40,865,510	67,828,255	159,958,811	( <sup>5</sup> )	( <sup>5</sup> )
<b>TOBACCO (CHEWING AND SMOKING) AND SNUFF</b>							
1939	132	9,202	8,192,529	81,719,385	123,687,198	41,967,813	11,013
1937	125	10,130	8,586,777	88,765,558	134,524,233	45,758,675	( <sup>5</sup> )
1935	115	10,077	7,629,394	89,898,429	135,445,287	45,546,858	( <sup>5</sup> )
1933	112	10,223	7,037,081	82,946,418	131,934,566	48,988,148	( <sup>5</sup> )
1931	125	11,441	8,673,479	111,158,257	169,113,123	57,954,866	( <sup>5</sup> )
1929	152	10,811	8,955,451	72,494,329	179,332,951	( <sup>5</sup> )	10,255
1927	159	13,125	10,661,420	85,310,438	198,244,677	( <sup>5</sup> )	11,114
1925	178	15,024	12,184,749	94,418,640	216,186,417	( <sup>5</sup> )	13,222
1923	206	16,301	12,738,729	146,373,777	222,965,586	( <sup>5</sup> )	( <sup>5</sup> )
1921	226	16,628	12,742,452	156,476,535	241,740,732	( <sup>5</sup> )	( <sup>5</sup> )
1919	365	18,324	12,674,736	130,270,388	239,270,718	( <sup>5</sup> )	15,351
1914	436	25,980	9,549,702	76,604,059	175,280,925	( <sup>5</sup> )	18,052
1909	460	27,232	8,922,645	74,465,826	159,606,871	( <sup>5</sup> )	( <sup>5</sup> )
1904	433	23,990	6,775,325	44,954,047	116,767,630	( <sup>5</sup> )	16,494
1899	437	29,161	7,109,821	35,038,287	103,754,362	( <sup>5</sup> )	17,309

<sup>1</sup> See GENERAL EXPLANATIONS—Definition of establishment.

<sup>2</sup> See GENERAL EXPLANATIONS—Wage earners and wages.

<sup>3</sup> Figures for years prior to 1935 do not include cost of contract work.

<sup>4</sup> Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

<sup>5</sup> Not called for on schedule.

<sup>6</sup> Data not available.

<sup>7</sup> No comparable figures available. See "Inclusion of internal-revenue tax in cost of materials and value of products," p. 270.

TABLE 2.—TOBACCO MANUFACTURES—GENERAL STATISTICS IN DETAIL FOR THE UNITED STATES: 1939

ITEM	Total for Group 2	Cigarettes	Cigars	Tobacco (Chewing and Smoking) and Snuff
Number of establishments <sup>1</sup> .....	765	35	598	132
Proprietors and firm members.....	604	3	523	78
Persons reported by manufacturing industries, total <sup>2</sup> .....	96,035	30,803	54,262	10,970
Salaried officers of corporations <sup>3</sup> .....	412	32	259	121
Manufacturing: Salaried employees <sup>4</sup> .....	4,345	1,353	2,139	853
Wage earners (average for the year) <sup>5</sup> .....	87,525	27,426	50,897	9,202
Distribution.....	3,101	1,680	829	592
Construction.....	148	31	83	34
Other.....	504	281	105	118
Salaries and wages, total <sup>6</sup> .....	\$86,772,449	\$33,667,806	\$41,141,302	\$11,963,341
Salaried officers <sup>7</sup> .....	2,687,460	496,576	1,494,315	696,569
Manufacturing: Salaries <sup>8</sup> .....	8,668,288	3,232,818	3,581,148	1,854,322
Wages.....	68,499,717	26,067,632	34,239,556	8,192,529
Distribution.....	6,031,377	3,413,028	1,657,028	961,321
Construction.....	328,899	121,028	54,730	153,141
Other.....	556,708	336,724	114,525	105,459

TABLE 2.—TOBACCO MANUFACTURES—GENERAL STATISTICS IN DETAIL FOR THE UNITED STATES: 1939—Continued

ITEM	Total for Group 2	Cigarettes	Cigars	Tobacco (Chewing and Smoking) and Snuff
Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total.....	\$972,036,787	\$811,068,315	\$79,249,087	\$81,719,385
Materials, supplies, and containers.....	968,808,150	809,870,030	78,247,281	80,690,839
Fuel.....	1,239,054	690,401	217,109	331,544
Purchased electric energy.....	1,023,517	378,532	491,189	153,796
Contract work.....	966,066	129,352	293,508	543,206
Value of products.....	\$1,322,189,139	\$1,037,747,517	\$160,754,424	\$123,687,198
Value added by manufacture <sup>9</sup> .....	350,152,352	226,679,202	81,505,337	41,967,813

<sup>1</sup> See GENERAL EXPLANATIONS—Definition of establishment.

<sup>2</sup> See GENERAL EXPLANATIONS—Persons engaged—general classification.

<sup>3</sup> See GENERAL EXPLANATIONS—Wage earners and wages.

<sup>4</sup> Includes \$589,115,175, cost of internal-revenue stamps for the Tobacco industries.

<sup>5</sup> Includes \$542,253,555, cost of internal-revenue stamps for the Cigarettes industry.

<sup>6</sup> Includes \$12,163,275, cost of internal-revenue stamps for the Cigars industry.

<sup>7</sup> Includes \$34,698,345, cost of internal-revenue stamps for the Tobacco (Chewing and Smoking) and Snuff industry.

<sup>8</sup> Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

<sup>9</sup> Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

## CENSUS OF MANUFACTURES: 1939

TABLE 3.—CIGARETTES INDUSTRY—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	New York	North Carolina	Virginia	Other States <sup>1</sup>
Number of establishments <sup>1</sup> .....	35	10	10	6	9
Proprietors and firm members.....	3	2			1
Persons reported by manufacturing establishments, total <sup>2</sup> .....	30,803	174	17,417	7,523	5,690
Salaried officers of corporations <sup>3</sup> .....	32	9	15		8
Manufacturing:					
Salaried employees <sup>4</sup> .....	1,353	14	658	453	228
Wage earners (average for the year) <sup>4</sup> .....	27,426	147	15,375	6,736	5,169
Distribution.....	1,680	4	1,222	242	212
Construction.....	31		25	6	
Other.....	281		122	86	73
Salaries and wages, total <sup>5</sup> .....	\$33,667,806	\$227,646	\$18,593,292	\$8,518,922	\$6,327,946
Salaried officers <sup>3</sup> .....	496,576	64,445	295,600		136,531
Manufacturing:					
Salaries <sup>3</sup> .....	3,232,818	23,586	1,666,195	1,058,791	484,246
Wages.....	26,067,632	134,631	13,878,525	6,906,491	5,147,985
Distribution.....	3,413,028	4,984	2,500,026	453,539	454,479
Construction.....	121,028		107,046	13,982	
Other.....	336,724		145,900	86,119	104,705

TABLE 3.—CIGARETTES INDUSTRY—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	United States	New York	North Carolina	Virginia	Other States <sup>1</sup>
Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total.....	\$811,068,315	\$1,693,110	\$414,858,630	\$253,837,881	\$140,678,694
Materials, supplies, and containers.....	809,870,030	1,687,502	414,265,852	253,440,605	140,476,071
Fuel.....	690,401	1,326	471,744	136,394	80,937
Purchased electric energy.....	378,532	4,222	121,034	131,590	121,686
Contract work.....	129,352	60		129,292	
Value of products.....	1,037,747,517	2,746,738	532,439,765	333,175,943	169,385,071
Value added by manufacture <sup>5</sup> .....	226,679,202	1,053,628	117,581,135	79,338,062	28,706,377

<sup>1</sup> California, 1 establishment; Kentucky, 3; Massachusetts, 1; New Jersey, 3; Pennsylvania, 1.<sup>2</sup> See GENERAL EXPLANATIONS—Definition of establishment.<sup>3</sup> See GENERAL EXPLANATIONS—Persons engaged—general classification.<sup>4</sup> See GENERAL EXPLANATIONS—Wage earners and wages.<sup>5</sup> Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 4.—CIGARS INDUSTRY—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	California	Connecticut	Florida	Illinois	Indiana	Louisiana	Maine	Maryland
Number of establishments <sup>1</sup> .....	598	17	26	45	47	11	7	3	7
Proprietors and firm members.....	523	22	26	38	54	7	13	2	9
Persons reported by manufacturing establishments, total <sup>2</sup> .....	54,262	746	542	10,246	318	1,422	1,243	32	202
Salaried officers of corporations <sup>3</sup> .....	259	4	9	42	6	12		2	4
Manufacturing:									
Salaried employees <sup>4</sup> .....	2,139	13	19	317	9	71	29	1	9
Wage earners (average for the year) <sup>4</sup> .....	50,867	708	495	9,729	293	1,309	1,210	26	181
Distribution.....	829	21	18	141	10	27	4	3	8
Construction.....	33		1	1					
Other.....	105			16					
Salaries and wages, total <sup>5</sup> .....	\$41,141,302	\$708,411	\$551,022	\$7,942,574	\$252,149	\$1,035,957	\$1,011,240	\$24,644	\$143,454
Salaried officers <sup>3</sup> .....	1,494,315	15,600	36,597	283,171	10,000	119,475		1,901	14,100
Manufacturing:									
Salaries <sup>3</sup> .....	3,581,148	20,701	34,260	577,938	8,231	97,115	73,274	1,300	12,408
Wages.....	34,239,556	629,370	448,720	6,759,596	227,611	751,768	913,945	19,856	107,848
Distribution.....	1,657,028	42,740	28,278	294,951	6,307	64,268	24,021	1,587	9,018
Construction.....	54,730		3,167	1,560					
Other.....	114,525			25,358		3,331			
Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total.....	79,249,087	1,098,658	671,606	11,994,980	328,674	1,779,114	1,472,312	32,114	204,983
Materials, supplies, and containers.....	78,247,281	1,084,113	661,621	11,699,963	324,434	1,768,040	1,466,575	31,231	202,469
Fuel.....	217,109	1,577	6,127	7,210	2,645	7,783	983	523	1,063
Purchased electric energy.....	491,189	7,968	3,858	55,921	1,595	3,291	4,754	360	1,451
Contract work.....	293,608			231,886					
Value of products.....	160,754,424	2,168,183	1,651,236	26,239,778	743,711	3,804,867	3,216,162	66,813	459,855
Value added by manufacture <sup>5</sup> .....	81,505,337	1,074,525	979,630	14,244,798	415,037	2,025,753	1,743,850	34,690	254,872

See footnotes at end of table.

TOBACCO MANUFACTURES

TABLE 4.—CIGARS INDUSTRY—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	Massachusetts	Michigan	Missouri	New Jersey	New York	Pennsylvania	Rhode Island	Wisconsin	Other States <sup>1</sup>
Number of establishments <sup>1</sup> .....	21	25	11	30	119	124	5	29	62
Proprietors and firm members.....	14	18	8	21	112	106	5	29	39
Persons reported by manufacturing establishments, total <sup>2</sup> .....	319	1,652	384	9,530	2,375	16,649	33	187	8,383
Salaried officers of corporations <sup>2</sup> .....	10	14	6	17	38	55	-----	10	30
Manufacturing:									
Salaried employees <sup>2</sup> .....	23	59	13	425	76	784	1	5	285
Wage earners (average for the year) <sup>3</sup> .....	264	1,562	355	8,859	2,165	15,612	31	166	7,933
Distribution.....	22	16	9	174	96	164	1	6	109
Construction.....	-----	-----	1	16	-----	10	-----	-----	4
Other.....	-----	-----	-----	39	-----	24	-----	-----	22
Salaries and wages, total <sup>2</sup> .....	\$368,304	\$1,163,415	\$252,581	\$7,174,515	\$2,002,781	\$12,440,920	\$22,599	\$185,335	\$5,861,401
Salaried officers <sup>2</sup> .....	82,886	57,335	8,716	126,966	174,517	352,258	-----	20,519	190,274
Manufacturing:									
Salaries <sup>2</sup> .....	31,109	96,687	19,272	705,170	135,405	1,279,173	1,300	4,143	483,577
Wages.....	214,637	966,281	213,749	5,987,078	1,522,220	10,345,619	19,999	154,123	4,957,136
Distribution.....	39,672	41,033	10,395	292,047	170,639	425,182	1,300	6,550	199,045
Construction.....	-----	-----	449	25,216	-----	16,038	-----	-----	8,300
Other.....	-----	2,079	-----	38,038	-----	22,650	-----	-----	23,069
Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total.....	687,342	2,130,789	413,357	15,280,155	2,979,326	27,882,690	45,381	221,523	12,031,083
Materials, supplies, and containers.....	680,959	2,110,022	408,953	15,134,989	2,935,369	27,557,090	44,397	218,552	11,918,504
Fuel.....	2,601	8,982	1,658	34,940	12,215	91,468	717	940	35,777
Purchased electric energy.....	3,882	11,785	2,746	110,226	30,742	175,510	267	2,031	74,802
Contract work.....	-----	-----	-----	-----	1,000	58,622	-----	-----	2,000
Value of products.....	1,253,142	4,158,990	950,801	29,690,981	6,381,567	56,901,744	84,787	511,352	22,470,475
Value added by manufacture <sup>4</sup> .....	565,800	2,028,201	537,444	14,410,826	3,402,241	29,019,054	39,386	289,829	10,439,392

<sup>1</sup> See GENERAL EXPLANATIONS—Definition of establishment.

<sup>2</sup> See GENERAL EXPLANATIONS—Persons engaged—general classification.

<sup>3</sup> See GENERAL EXPLANATIONS—Wage earners and wages.

<sup>4</sup> Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

<sup>5</sup> Colorado, 1 establishment; Georgia, 3; Iowa, 2; Kentucky, 4; Minnesota, 4; New Hampshire, 3; North Carolina, 1; Ohio, 31; Oregon, 1; South Carolina, 1; Tennessee, 1; Texas, 1; Utah, 1; Virginia, 2; West Virginia, 6.

TABLE 5.—TOBACCO (CHEWING AND SMOKING) AND SNUFF INDUSTRY—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Indiana	Iowa	Kentucky	New York	Ohio	Pennsylvania	Tennessee	Other States <sup>1</sup>
Number of establishments <sup>1</sup> .....	132	3	5	13	15	14	26	10	46
Proprietors and firm members.....	78	6	5	10	9	6	22	5	15
Persons reported by manufacturing establishments, total <sup>2</sup> .....	10,970	10	13	1,217	198	1,544	576	1,253	6,160
Salaried officers of corporations <sup>2</sup> .....	121	-----	1	17	14	17	18	4	50
Manufacturing:									
Salaried employees <sup>2</sup> .....	853	-----	2	104	12	86	56	86	507
Wage earners (average for the year) <sup>3</sup> .....	9,202	10	9	968	128	1,271	457	1,131	5,229
Distribution.....	592	-----	1	45	43	170	45	29	259
Construction.....	84	-----	-----	43	-----	-----	-----	-----	41
Other.....	118	-----	-----	40	1	-----	-----	3	74
Salaries and wages, total <sup>2</sup> .....	\$11,968,341	\$8,112	\$9,642	\$1,284,452	\$203,696	\$1,752,615	\$689,031	\$1,171,980	\$6,843,813
Salaried officers <sup>2</sup> .....	696,569	-----	3,000	72,300	49,583	78,043	129,684	47,740	316,219
Manufacturing:									
Salaries <sup>2</sup> .....	1,854,322	-----	1,030	236,435	15,493	160,497	84,555	213,426	1,142,886
Wages.....	8,192,529	8,092	4,545	798,545	106,872	1,225,984	405,183	845,156	4,798,152
Distribution.....	961,321	20	1,067	91,358	31,228	288,091	69,609	62,664	417,284
Construction.....	153,141	-----	-----	52,348	-----	-----	-----	-----	100,793
Other.....	105,459	-----	-----	33,466	520	-----	-----	2,994	68,479
Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total.....	81,719,385	26,451	42,558	6,346,223	548,589	14,737,054	3,744,916	8,736,561	47,537,033
Materials, supplies, and containers.....	80,690,839	25,770	41,900	6,300,051	543,026	14,665,935	3,715,699	8,492,188	46,906,270
Fuel.....	331,544	460	473	29,267	2,507	39,910	12,321	41,433	205,173
Purchased electric energy.....	153,796	221	185	16,905	3,056	31,209	16,834	19,036	66,350
Contract work.....	543,206	-----	-----	-----	-----	-----	62	183,904	359,240
Value of products.....	123,687,198	49,594	59,384	9,587,274	861,776	17,152,063	5,841,322	14,577,399	75,558,386
Value added by manufacture <sup>4</sup> .....	41,967,813	23,143	16,826	3,241,051	313,187	2,415,009	2,060,406	5,840,838	28,021,353

<sup>1</sup> California, 4 establishments; Connecticut, 1; Delaware, 1; Illinois, 5; Massachusetts, 4; Michigan, 3; Minnesota, 1; Missouri, 7; New Jersey, 4; North Carolina, 4; Texas, 1; Virginia, 4; West Virginia, 1; Wisconsin, 5.

<sup>2</sup> See GENERAL EXPLANATIONS—Definition of establishment.

<sup>3</sup> See GENERAL EXPLANATIONS—Persons engaged—general classification.

<sup>4</sup> See GENERAL EXPLANATIONS—Wage earners and wages.

<sup>5</sup> Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

## CENSUS OF MANUFACTURES: 1939

TABLE 6.—TOBACCO MANUFACTURES—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

PRODUCT	MADE, IN 1939, IN THE—			TOTAL PRODUCTION		
	Cigarettes industry	Cigars industry	Tobacco (Chewing and Smoking) and Snuff industry	1939	1937	1929
Tobacco Manufactures industries, all products, total value.....	\$1,037,747,517	\$160,754,424	\$123,687,198	\$1,322,189,139	\$1,272,687,918	\$1,246,241,839
Tobacco products.....	1,037,388,021	159,550,088	122,240,902	1,319,179,011	1,269,924,580	1,242,656,657
Other products, scrap and salable refuse.....	114,330	1,156,091	1,134,576	2,404,997	2,763,338	3,585,182
Receipts for contract work.....	245,166	7,910	183,764	436,840		
Merchandise (goods bought and sold without processing).....	-----	40,335	127,956	168,291		

TABLE 7.—TOBACCO MANUFACTURES—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

PRODUCT	1939				1937	1929
	Cigarettes industry	Cigars industry	Tobacco (Chewing and Smoking) and Snuff industry	Total		
Tobacco products, total value.....	\$1,037,388,021	\$159,550,088	\$122,240,902	\$1,319,179,011	\$1,269,924,580	\$1,242,656,657
Cigarettes:						
Number (expressed in thousands).....	180,575,095	-----	41,180	180,616,275	169,946,440	(1)
Value.....	\$940,741,105	-----	\$179,237	\$940,920,342	\$887,723,312	\$668,243,257
Cigars:						
Number (expressed in thousands).....	48,954	5,166,458	7,956	5,223,368	5,344,920	(1)
Value.....	\$454,196	\$159,092,560	\$356,246	\$159,903,002	\$167,865,027	\$309,327,032
Tobacco, smoking and chewing:						
Total pounds.....	148,451,535	1,053,308	156,503,200	306,008,043	303,021,895	(1)
Total value.....	\$96,192,720	\$457,528	\$93,529,295	\$190,179,543	\$185,132,106	\$232,607,120
Smoking—						
Pounds.....	120,189,456	304,465	72,037,592	192,531,513	177,573,205	(1)
Value.....	\$81,339,380	\$113,308	\$47,298,793	\$128,751,481	\$117,641,220	
Fine cut chewing and smoking—						
Pounds.....	1,138,560	13,546	12,515,842	13,667,948	16,003,763	(1)
Value.....	\$790,321	\$11,891	\$8,499,965	\$9,302,177	\$9,813,865	
Scrap chewing—						
Pounds.....	385,676	735,297	41,051,563	42,172,536	44,940,316	(1)
Value.....	\$187,379	\$332,329	\$19,855,929	\$20,375,037	\$21,414,443	
Twist chewing—						
Pounds.....	1,154,795	-----	5,447,697	6,602,492	6,869,033	(1)
Value.....	\$587,762	-----	\$3,502,510	\$4,090,272	\$4,535,624	
Plug chewing—						
Pounds.....	25,583,048	-----	25,450,506	51,033,554	57,635,578	(1)
Value.....	\$13,287,878	-----	\$14,372,098	\$27,659,976	\$31,726,954	
Snuff:						
Pounds.....	-----	-----	37,947,450	37,947,450	37,141,208	(1)
Value.....	-----	-----	\$28,176,124	\$28,176,124	\$29,204,135	\$32,479,248

1 Data not available.

TABLE 8.—PRODUCTS OF TOBACCO MANUFACTURES, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

PRODUCT AND STATE	Quantity	Value	PRODUCT AND STATE	Quantity	Value
<b>CIGARETTES</b>			<b>SMOKING TOBACCO—continued</b>		
United States.....	<i>Number (expressed in thousands)</i> 180,616,275	\$940,920,342	New Jersey.....	<i>Pounds</i> 226,924	\$145,315
New York.....	379,053	2,635,433	New York.....	684,926	434,082
North Carolina.....	86,480,384	464,324,297	North Carolina.....	90,133,802	56,889,881
Virginia.....	61,489,939	324,438,153	Tennessee.....	536,232	333,103
Other States <sup>1</sup> .....	32,266,899	149,522,459	Virginia.....	27,512,306	21,482,239
			Other States <sup>2</sup> .....	41,158,746	26,858,489
<b>CIGARS</b>			<b>FINE CUT CHEWING AND SMOKING TOBACCO</b>		
United States.....	5,223,368	159,903,002	United States <sup>4</sup> .....	13,667,948	9,302,177
California.....	59,618	2,127,833	<b>SCRAP CHEWING</b>		
Connecticut.....	34,423	1,629,721	United States.....	42,172,536	20,375,637
Florida.....	949,540	25,969,047	Illinois.....	30,769	19,689
Illinois.....	14,769	723,854	Iowa.....	99,055	50,774
Indiana.....	96,457	3,744,386	Kentucky.....	229,420	156,719
Louisiana.....	78,805	3,216,162	New York.....	621,817	410,863
Maine.....	1,138	66,426	Pennsylvania.....	2,500,850	1,372,527
Maryland.....	12,000	459,855	Other States <sup>3</sup> .....	38,690,635	18,365,065
Massachusetts.....	28,159	1,249,701	<b>TWIST CHEWING</b>		
Michigan.....	89,150	4,124,577	United States.....	6,602,492	4,090,272
Missouri.....	23,772	950,365	Kentucky.....	1,390,364	847,750
New Jersey.....	795,820	29,465,259	Tennessee.....	1,884,600	1,322,986
New York.....	161,782	6,488,914	Other States <sup>4</sup> .....	3,347,528	1,919,536
Pennsylvania.....	1,773,354	56,130,480	<b>PLUG CHEWING</b>		
Rhode Island.....	5,888	82,042	United States.....	51,033,554	27,659,976
Wisconsin.....	13,169	527,627	Virginia.....	1,063,856	422,556
Other States <sup>5</sup> .....	1,085,524	22,946,753	Other States <sup>7</sup> .....	49,969,698	27,237,420
<b>SMOKING TOBACCO</b>			<b>PLUG CHEWING</b>		
United States.....	<i>Pounds</i> 192,531,513	128,751,481	United States.....	51,033,554	27,659,976
Indiana.....	22,092	18,047	Virginia.....	1,063,856	422,556
Kentucky.....	32,172,736	22,534,787	Other States <sup>7</sup> .....	49,969,698	27,237,420
Massachusetts.....	54,639	36,421	<b>SNUFF</b>		
Minnesota.....	29,110	19,137	United States <sup>4</sup> .....	37,947,450	28,176,124

<sup>1</sup> California, Kentucky, Massachusetts, Missouri, New Jersey, and Pennsylvania.  
<sup>2</sup> Colorado, Georgia, Iowa, Kentucky, Minnesota, New Hampshire, North Carolina, Ohio, Oregon, South Carolina, Tennessee, Texas, Utah, Virginia, and West Virginia.  
<sup>3</sup> California, Connecticut, Illinois, Iowa, Michigan, Missouri, Ohio, Pennsylvania, Rhode Island, South Carolina, Texas, West Virginia, and Wisconsin.  
<sup>4</sup> State figures withheld from publication in order to avoid disclosing data for individual establishments.  
<sup>5</sup> Indiana, Michigan, Minnesota, Missouri, New Jersey, North Carolina, Ohio, Oregon, West Virginia, and Wisconsin.  
<sup>6</sup> Indiana, Michigan, Missouri, North Carolina, and Virginia.  
<sup>7</sup> Kentucky, Michigan, Missouri, North Carolina, Ohio, and Tennessee.

TABLE 9.—CONSUMPTION OF MATERIALS IN THE TOBACCO MANUFACTURES GROUP, BY KIND, QUANTITY, AND COST, FOR THE UNITED STATES: 1939

KIND	Total for the group		Cigarettes industry		Cigars industry		Tobacco (Chewing and Smoking) and Snuff industry	
	<i>Pounds</i>	<i>Cost</i>	<i>Pounds</i>	<i>Cost</i>	<i>Pounds</i>	<i>Cost</i>	<i>Pounds</i>	<i>Cost</i>
Leaf tobacco.....	787,852,949	\$297,913,614	521,265,787	\$214,304,273	114,069,178	\$54,396,374	152,517,984	\$29,212,967
Sugar, total.....	48,012,905	2,942,805	26,732,894	1,903,239	130,592	5,270	21,149,419	1,034,296
Beet.....	1,707,495	75,235	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Cane.....	38,048,464	1,486,128	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Corn.....	973,651	28,461	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Maple.....	7,283,295	1,352,981	5,951,095	1,110,712	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Licorice.....	24,249,831	2,854,766	11,657,738	1,495,223	51,315	6,539	12,540,778	1,353,004
	<i>Gallons</i>		<i>Gallons</i>		<i>Gallons</i>		<i>Gallons</i>	
Corn sirup.....	318,531	91,085	108,159	32,060	264	117	210,108	58,908
Cane sirup and molasses.....	187,520	46,631	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Cigarette paper.....		8,283,106		7,793,228		( <sup>2</sup> )		( <sup>1</sup> )

<sup>1</sup> Withheld to avoid disclosing, exactly or approximately, data reported by individual establishments.  
<sup>2</sup> See note 1. Paper used in the manufacture of cigars.

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TABLE 10.—CONSUMPTION OF MATERIALS IN THE TOBACCO MANUFACTURES GROUP, BY KIND, QUANTITY, AND COST, BY STATES: 1939

MATERIALS CONSUMED AND STATE	Quantity	Cost
<b>LEAF TOBACCO</b>		
United States.....	<i>Pounds</i> 787,852,949	\$297,913,614
Connecticut.....	884,071	469,477
Florida.....	20,806,651	8,033,104
Indiana.....	2,102,269	1,270,920
Iowa.....	54,711	13,401
Kentucky.....	64,014,574	17,243,800
Maine.....	26,147	22,674
Maryland.....	329,372	129,770
Massachusetts.....	839,963	395,020
Michigan.....	6,911,690	2,324,710
Minnesota.....	119,380	38,739
New Jersey.....	49,552,227	19,849,407
New York.....	5,116,721	2,591,895
North Carolina.....	289,229,647	117,910,030
Ohio.....	29,930,322	7,656,369
Pennsylvania.....	67,372,022	23,559,066
Rhode Island.....	135,166	27,281
Tennessee.....	24,581,309	3,246,561
Virginia.....	165,729,182	71,936,514
Wisconsin.....	277,296	159,088
Other States.....	59,780,239	21,035,788
<b>CANE SUGAR</b>		
United States.....	38,048,464	1,486,128
Kentucky.....	2,638,744	110,789
New York.....	79,366	3,357
Pennsylvania.....	1,271,797	47,762
Virginia.....	5,618,433	215,561
Other States.....	28,440,124	1,108,659
<b>CORN SUGAR</b>		
United States.....	973,651	28,461
<b>MAPLE SUGAR</b>		
United States.....	7,283,295	1,352,981
Virginia.....	2,721,842	508,331
Other States.....	4,561,453	844,650
<b>LICORICE</b>		
United States.....	24,249,831	2,854,766
Kentucky.....	1,667,664	176,512
New Jersey.....	688,596	85,468
New York.....	29,684	3,721
Tennessee.....	481,857	57,496
Virginia.....	2,377,781	277,721
Other States.....	18,694,249	2,253,848
<b>CORN SIRUP</b>		
United States.....	<i>Gallons</i> 318,531	91,085
<b>CANE SIRUP AND MOLASSES</b>		
United States.....	187,520	46,631
Virginia.....	31,058	4,641
Other States.....	156,462	41,990
<b>CIGARETTE PAPER</b>		
United States.....		8,283,106
New York.....		20,355
Virginia.....		2,204,751
Other States.....		6,058,000
<b>OTHER MATERIALS</b>		
United States.....		135,420,280
Florida.....		336,619
New York.....		161,794
North Carolina.....		17,629,587

TABLE 10.—CONSUMPTION OF MATERIALS IN THE TOBACCO MANUFACTURES GROUP, BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

MATERIALS CONSUMED AND STATE	Quantity	Cost
<b>OTHER MATERIALS—continued</b>		
Ohio.....		\$547,023
Pennsylvania.....		2,201,973
Tennessee.....		18,586
Virginia.....		6,990,377
Wisconsin.....		37,338
Other States.....		7,496,973

<sup>1</sup> Includes data for a small amount of beet sugar and maple sirup.

TABLE 11.—WAGE EARNERS ENGAGED IN MANUFACTURING IN THE TOBACCO MANUFACTURES GROUP, BY MONTHS, FOR THE UNITED STATES: 1939, 1937, AND 1929

MONTH AND YEAR	Total for the group	Cigarettes industry	Cigars industry	Tobacco (Chewing and Smoking) and Snuff industry
Average number employed during year.....	87,525	27,426	50,897	9,202
Number receiving pay during normal pay-roll period ended nearest 15th of month.				
January:				
1939.....	82,909	27,092	46,706	9,111
1937.....	88,693	26,557	52,149	9,987
1929.....	111,764	( <sup>1</sup> )	( <sup>1</sup> )	10,824
February:				
1939.....	85,034	26,212	49,623	9,199
1937.....	91,689	26,657	54,793	10,219
1929.....	114,160	( <sup>1</sup> )	( <sup>1</sup> )	11,147
March:				
1939.....	84,845	26,296	49,386	9,163
1937.....	91,855	26,188	55,299	10,368
1929.....	114,058	( <sup>1</sup> )	( <sup>1</sup> )	11,179
April:				
1939.....	85,129	26,413	49,601	9,115
1937.....	91,140	25,513	55,524	10,103
1929.....	113,612	( <sup>1</sup> )	( <sup>1</sup> )	10,983
May:				
1939.....	85,950	26,411	50,440	9,099
1937.....	90,638	25,465	55,025	10,148
1929.....	114,335	( <sup>1</sup> )	( <sup>1</sup> )	10,875
June:				
1939.....	87,036	26,597	51,358	9,081
1937.....	91,271	25,450	55,547	10,274
1929.....	114,719	( <sup>1</sup> )	( <sup>1</sup> )	10,757
July:				
1939.....	87,253	26,761	51,441	9,051
1937.....	91,405	25,334	56,115	9,956
1929.....	115,366	( <sup>1</sup> )	( <sup>1</sup> )	10,815
August:				
1939.....	89,904	28,536	52,126	9,242
1937.....	93,456	26,304	57,054	10,098
1929.....	117,812	( <sup>1</sup> )	( <sup>1</sup> )	10,847
September:				
1939.....	90,018	28,874	51,897	9,247
1937.....	93,719	26,378	57,288	10,053
1929.....	118,035	( <sup>1</sup> )	( <sup>1</sup> )	10,433
October:				
1939.....	91,154	28,845	52,961	9,348
1937.....	95,225	26,636	58,505	10,084
1929.....	121,448	( <sup>1</sup> )	( <sup>1</sup> )	10,782
November:				
1939.....	91,252	28,638	53,234	9,380
1937.....	94,767	26,704	57,846	10,217
1929.....	121,039	( <sup>1</sup> )	( <sup>1</sup> )	10,642
December:				
1939.....	89,823	28,441	51,988	9,394
1937.....	92,069	26,607	55,406	10,056
1929.....	116,200	( <sup>1</sup> )	( <sup>1</sup> )	10,451

<sup>1</sup> No separate data available; included in "Total for the group."





## CENSUS OF MANUFACTURES: 1939

TABLE 13.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	Cigarettes industry	Cigars industry	Tobacco (Chewing and Smoking) and Snuff industry	Total for the group
Number of establishments:				
Total for the industry.....	35	598	132	765
Reporting expenditures for plant and equipment.....	21	170	60	251
Value of products:				
Total for the industry.....	\$1,037,747,517	\$160,754,424	\$123,687,198	\$1,322,189,139
Reporting expenditures for plant and equipment.....	1,026,221,860	111,142,992	105,697,461	1,243,062,313
Expenditures for plant and equipment:				
Total for the industry.....	4,877,392	1,576,082	1,511,949	7,965,423
Expenditures for new construction or major alterations of buildings and other fixed plant and structures	1,145,229	517,147	364,950	2,027,326
Expenditures for new machinery and operating equipment.....	3,132,240	953,955	907,535	4,993,730
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	599,423	87,364	42,062	728,849
Expenditures unclassified.....	500	17,616	197,402	215,518

TABLE 14.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

VALUE	1939				1937			
	Total for the group	Cigarettes industry	Cigars industry	Tobacco (Chewing and Smoking) and Snuff industry	Total for the group	Cigarettes industry	Cigars industry	Tobacco (Chewing and Smoking) and Snuff industry
Inventories:								
Beginning of year, total.....	\$179,675,172	\$114,088,873	\$39,126,255	\$26,460,044	\$150,866,945	\$93,905,405	\$30,877,472	\$26,084,068
Finished products.....	21,782,997	11,476,780	7,253,338	3,052,879	26,191,595	15,320,935	8,098,818	2,771,842
Materials, supplies, etc.....	157,892,175	102,612,093	31,872,917	23,407,165	124,675,350	78,584,470	22,778,654	23,312,226
End of year, total.....	183,937,244	121,598,428	35,281,088	27,057,728	158,423,392	98,766,338	33,522,845	26,134,209
Finished products.....	24,005,128	14,056,879	6,821,890	3,129,359	25,630,339	13,560,259	8,915,760	3,154,320
Materials, supplies, etc.....	159,929,116	107,541,549	28,459,198	23,928,369	132,793,053	85,206,079	24,607,085	22,979,889
Value of products for the industry, total.....	1,322,189,139	1,037,747,517	160,754,424	123,687,198	1,272,687,918	968,926,917	169,236,768	134,524,233
Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand).....	1,320,034,931	1,037,747,517	158,914,530	123,372,884	1,265,274,577	968,841,872	163,167,438	133,265,267
Value for establishments not reporting inventories.....	2,154,208	-----	1,839,894	314,314	7,413,341	85,045	6,069,330	1,258,966

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TABLE 15.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

	REPORTED, FOR 1939, BY ESTABLISHMENTS CLASSIFIED IN THE—			TOTAL FOR THE GROUP	
	Cigarettes industry	Cigars in- dustry	Tobacco (Chewing and Smoking) and Snuff industry	1939	1929
Number of establishments.....	35	598	132	765	1,788
Number of establishments reporting power equipment.....	29	591	131	751	679
Prime movers, aggregate:					
Number.....	32	7	83	122	170
Horsepower.....	37,161	1,501	11,013	49,665	35,447
Prime movers, driving generators, total:					
Number.....	19	7	35	61	170
Horsepower.....	36,632	1,501	7,141	45,274	135,447
Steam engines:					
Number.....	6	7	33	46	1128
Horsepower.....	5,352	1,501	7,126	13,979	118,118
Steam turbines:					
Number.....	13			13	124
Horsepower.....	31,280			31,280	116,643
Diesel and semi-Diesel engines:					
Number.....					
Horsepower.....					
Other internal-combustion engines <sup>1</sup> :					
Number.....			1	1	111
Horsepower.....			5	5	316
Hydroturbines and water wheels:					
Number.....			1	1	7
Horsepower.....			10	10	370
Prime movers, driving generators, ordinarily idle (included above), horsepower.....	8,777		1,330	10,107	
Prime movers not driving generators, total:					
Number.....	13		48	61	
Horsepower.....	519		3,872	4,391	
Steam engines:					
Number.....	8		41	49	
Horsepower.....	230		3,462	3,692	
Steam turbines:					
Number.....	4			4	( <sup>2</sup> )
Horsepower.....	259			259	
Diesel and semi-Diesel engines:					
Number.....	1			1	
Horsepower.....	30			30	
Other internal-combustion engines <sup>2</sup> :					
Number.....			1	1	
Horsepower.....			50	50	
Hydroturbines and water wheels:					
Number.....			6	6	
Horsepower.....			360	360	
Prime movers not driving generators, ordinarily idle (included above), horsepower.....	30		476	506	
Generators, kilowatt rating, total.....	25,582	1,090	4,840	31,512	20,703
Generators, driven by—					
Steam engines, kilowatt rating.....	3,532	1,090	4,829	9,451	( <sup>3</sup> )
Steam turbines, kilowatt rating.....	22,050			22,050	
Diesel and semi-Diesel engines, kilowatt rating.....					
Other internal-combustion engines, <sup>2</sup> kilowatt rating.....			3	3	
Hydroturbines and water wheels, kilowatt rating.....			8	8	
Generators, ordinarily idle (included above), kilowatt rating.....	5,792		810	6,602	( <sup>4</sup> )
Electric motors, total:					
Number.....	13,099	12,415	3,612	29,126	18,993
Horsepower.....	46,938	18,827	14,896	80,661	52,149
Driven by purchased energy:					
Number.....	7,607	12,030	2,611	22,248	14,263
Horsepower.....	22,348	17,944	10,554	50,846	29,537
Driven by energy generated in establishments reporting:					
Number.....	5,492	385	1,001	6,878	4,730
Horsepower.....	24,590	883	4,342	29,815	22,612
Electric energy (kilowatt-hours):					
Generated in plant.....	44,539,646	1,441,060	6,685,550	52,666,256	( <sup>4</sup> )
Sold.....	3,266,481		875,470	3,641,951	( <sup>3</sup> )
Purchased.....	29,640,723	27,868,409	8,166,212	65,675,344	37,891,156

<sup>1</sup> Includes data for prime movers not driving generators.

<sup>2</sup> Gas, gasoline, etc.

<sup>3</sup> Not called for on schedule.

<sup>4</sup> Data not available.