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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

REPORT
on the
MANUFACTURING STATISTICS
of the
PROVINCE OF ONTARIO
1929

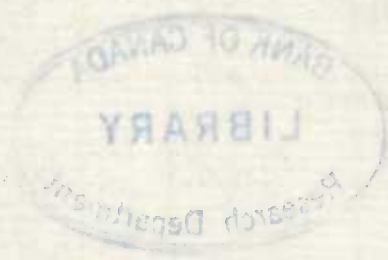


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OTTAWA

1931



CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

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Chief, Census of Industry: J. C. Macpherson

MANUFACTURES OF ONTARIO

1929

Ottawa, June, 1931.- A report on the manufacturing industries of the Province of Ontario is herewith presented for the calendar year 1929. A comparison of the principal statistics for 1928 and 1929 is given in the following summary table showing the increase or decrease of each principal statistical item. Other tables of the report dealing with various phases of industrial activity appear in the following order.

- Table 1.- Forty leading industries of the Province of Ontario, 1929.
Table 2.- Principal statistics by groups of industries, 1928 and 1929.
Table 3.- Principal statistics of the industries in each group, 1929.
Table 4.- Capital invested 1925 - 1929.
Table 5.- Employees, salaries and wages by groups of industries, 1929.
Table 6.- Fuel consumption by groups of industries, ~~1925~~ - 1929
Table 7.- Power installed by groups of industries, ~~1925~~ - 1929
Table 8.- Principal statistics of the cities, towns and villages of the province in order of value of production, 1929.

Principal Statistics, Province of Ontario compared, 1928 and 1929.

Principal Statistics		1928	1929	Increase (+) or Decrease (-)
Establishments reporting	No.	9,900	9,910	+
Capital invested	\$	2,275,921,056	2,418,340,450	+
Employees on salaries -				
Male	No.	36,204	37,777	+
Female	No.	12,958	13,595	+
Total salaries	\$	94,376,781	101,492,870	+
Employees on wages -				
Male	No.	213,754	228,378	+
Female	No.	57,813	60,109	+
Total wages	\$	296,999,166	320,296,853	+
Outside piece-workers -				
Male	No.	272	175	-
Female	No.	2,339	1,646	-
Total amount paid	\$	208,313	181,823	-
Cost of fuel	\$	28,791,474	31,336,962	+
Primary power equipment	H.P.	2,167,504	2,211,092	+
Cost of materials	\$	1,034,501,240	1,080,106,598	+
Gross value of products	\$	1,949,724,119	2,103,090,788	+
Net value of products	\$	915,222,879	1,022,984,190	+

1951-52
1952-53
1953-54

1954-55
1955-56

PHYSICAL CHEMISTRY

1951-52

1952-53

1953-54

1954-55

1955-56

1956-57

1957-58

1958-59

1959-60

1960-61

1961-62

1962-63

1963-64

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1967-68

1968-69

1969-70

1970-71

1971-72

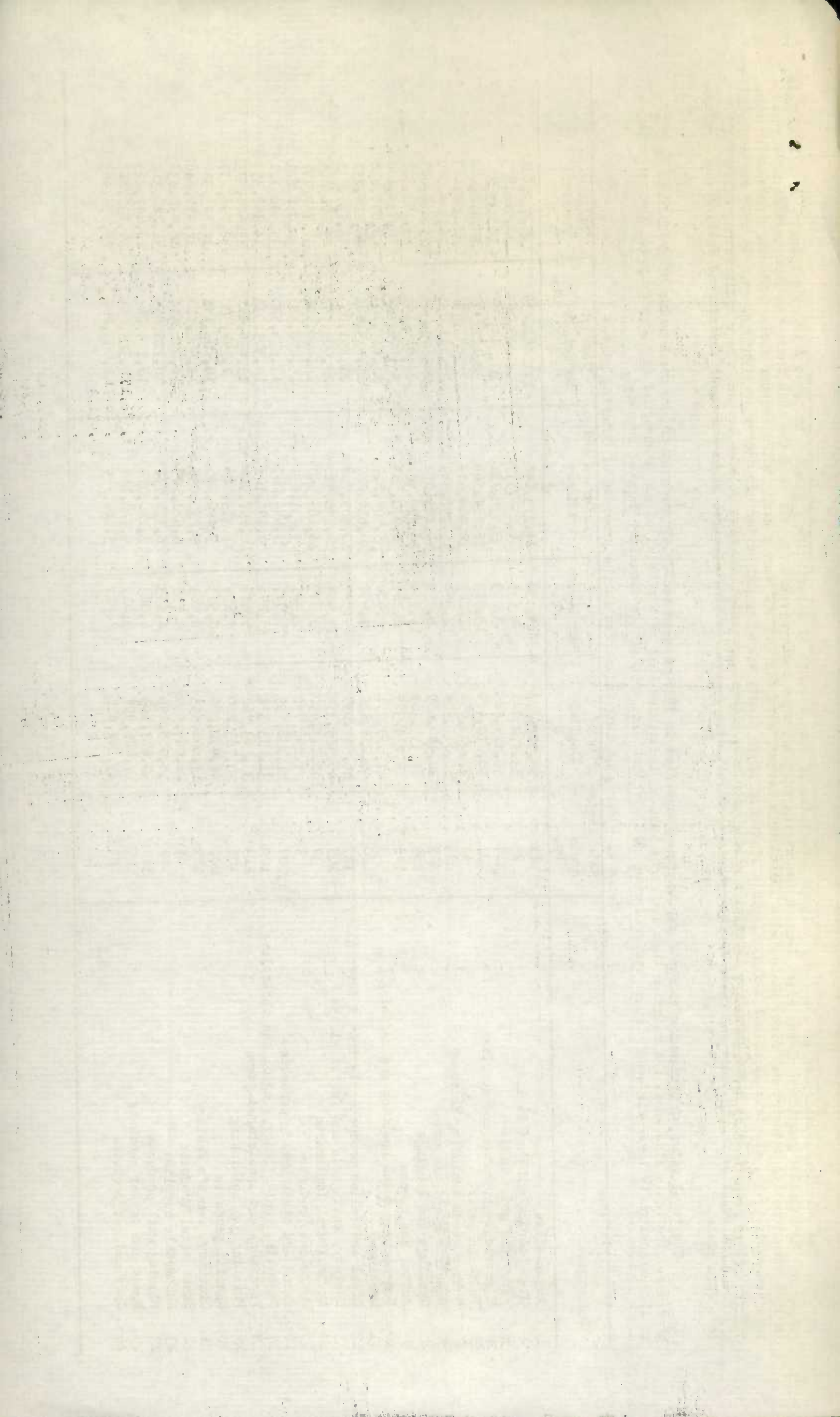
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The principal statistics of the forty leading industries of the province of Ontario are presented in table 1 for the calendar year 1929. In comparing the relative positions of the eight leading industries for 1929 with those of 1928 it will be noted that there has been considerable change. In 1928 the automobile industry had first place, with flour mills second, slaughtering and meat packing third, rubber goods including footwear fourth, pulp and paper fifth, electric apparatus sixth, electric light and power plants seventh, and butter and cheese in eighth place. In 1929 the automobile industry still retains first place among the industries of the province, with slaughtering and meat packing second, flour mills third, electrical apparatus and supplies fourth, pulp and paper fifth, rubber goods including footwear sixth, electric light and power seventh and casting and forgings in eighth place.

The total value of production of the forty leading industries in 1929 represented 78.47 per cent of the total value of production in the province. The table also shows the relation that the forty leading industries bear to the total of all industries in the province. The percentages in 1929 are slightly lower for each item as compared with 1928 with the exception of the amount of capital invested.

Table 1. - Forty Leading Industries in the province of Ontario, 1929.

Industries	Establishments No.	Capital \$	Employees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products \$
1 Automobiles	11	90,922,872	15,138	24,773,644	111,481,435	166,032,688
2 Slaughtering and Meat Packing	25	33,772,742	4,635	6,278,579	77,329,864	94,916,855
3 Flour and grist mills	17	31,415,725	3,279	3,536,731	80,544,323	94,233,270
4 Electrical apparatus and supplies	101	70,220,476	13,913	17,794,566	36,107,383	85,415,684
5 Pulp and paper	41	207,005,896	11,023	16,466,693	35,887,813	82,352,183
6 Rubber goods including footwear	33	61,881,704	12,374	15,392,963	36,161,259	76,324,660
7 Electric light and power	423	422,486,669	6,790	11,113,872	22,699,349	73,869,083
8 Castings and forgings	189	64,333,369	15,704	20,996,669	24,811,149	63,193,202
9 Butter and cheese	983	23,234,379	6,289	6,970,664	44,604,112	60,734,140
10 Non-ferrous metal smelting and refining	5	47,359,251	3,400	5,402,213	11,615,103	48,899,838
11 Machinery	120	49,279,134	7,690	10,618,220	15,033,682	46,225,251
12 Steel and rolled products, pig iron & ferro alloys	187	66,941,099	5,915	10,985,718	21,591,863	43,739,532
13 Hosiery, knit goods and fabric gloves	109	46,573,355	13,994	12,170,938	22,089,753	43,606,685
14 Agricultural Implements	39	100,115,590	10,849	14,185,440	18,418,146	38,940,792
15 Petroleum products	9	27,228,752	2,341	3,731,654	26,878,563	36,058,623
16 Bread and other bakery products	1,007	21,158,759	7,947	8,854,267	17,576,925	35,546,101
17 Biscuits, confectionery, cocoa and chocolate	124	31,253,372	6,294	6,798,724	14,303,333	34,357,397
18 Furniture and upholstered goods	213	33,583,762	9,617	10,797,914	13,438,691	33,568,573
19 Printing and publishing	302	30,763,260	7,179	11,333,786	7,799,308	32,796,257
20 Sawmill products	887	49,952,290	10,523	7,460,556	18,586,171	32,743,346
21 Clothing, women's factory	219	13,091,553	8,783	9,232,035	14,568,710	32,499,648
22 Sheet metal products	84	26,669,539	5,559	6,622,199	16,871,313	32,430,632
23 Automobile supplies	42	18,918,196	4,453	6,371,778	18,729,655	31,226,312
23 Planing mill products	315	30,677,143	6,083	7,120,071	16,174,267	28,247,225
25 Brass and copper products	65	17,886,997	3,819	4,728,149	16,323,011	25,737,217
26 Coke and gas products	21	49,142,427	2,512	3,816,994	11,035,209	25,294,463



MANUFACTURES OF ONTARIO - Continued

Table 1.- Forty leading industries in the province of Ontario, 1929 - Concluded.

Industries	Establishments No.	Capital \$	Employees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products \$
27 Printing and bookbinding	413	22,916,083	6,237	8,466,313	7,349,809	23,349,466
28 Leather, tanned etc.	35	22,626,588	2,726	3,268,814	16,036,618	22,374,209
29 Distilleries	8	33,970,531	1,080	1,748,158	6,617,718	21,422,749
30 Breweries	36	23,253,459	1,796	2,569,052	6,446,365	20,100,743
31 Hardware and tools	85	21,712,390	5,485	6,462,577	6,364,396	18,977,571
32 Acids, alkalies and salts	8	31,481,134	1,856	2,888,650	3,441,885	17,908,582
33 Fruits and vegetable, canning, etc.	163	20,885,349	5,553	2,544,289	10,142,847	17,476,279
34 Boots and Shoes, leather	65	11,223,085	5,304	5,318,864	9,035,900	17,468,700
35 Clothing men's factory	54	11,342,979	4,180	5,466,724	8,420,705	17,432,412
36 Bridgebuilding	6	17,754,370	2,772	4,828,814	7,717,128	16,721,877
37 Lithographing and engraving	68	15,950,075	4,013	6,450,906	4,570,872	15,581,426
38 Soaps and washing compounds	29	13,046,540	1,303	1,756,540	8,504,967	14,678,728
39 Woollen cloth	29	16,382,584	3,363	3,325,741	7,944,057	14,005,835
40 Cotton yarn and cloth	14	21,927,645	4,591	3,900,806	7,601,036	14,003,804
Total forty leading industries	7,115	1,950,331,122	255,362	322,551,285	860,854,693	1,650,492,038
Total all industries	9,910	2,418,340,450	339,859	421,789,723	1,080,106,598	2,103,090,788
Percentages of forty leading industries to total of all industries in the province	71.79	86.04	75.17	76.47	79.70	78.47

Item	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901
Office Expenses	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
Travel Expenses	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
Printing Expenses	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00
Telephone Expenses	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
Postage Expenses	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
Lighting Expenses	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
Repairs Expenses	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
Insurance Expenses	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
Interest Expenses	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Depreciation	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
Other Expenses	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Total	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00

Office Expenses
 Travel Expenses
 Printing Expenses
 Telephone Expenses
 Postage Expenses
 Lighting Expenses
 Repairs Expenses
 Insurance Expenses
 Interest Expenses
 Depreciation
 Other Expenses

MANUFACTURES OF ONTARIO - Continued

Table 2 gives the principal statistics of the ten industrial groups for the calendar year 1928 and 1929. The Iron and Steel group occupies first place in value of production in 1929 whilst the vegetable products group and the wood and paper group occupy second and third places respectively. In employment the Iron and Steel group leads by 15,474 over the Wood and Paper group, with the Textile group in third place. In capital investment the iron and steel group leads, with the wood and paper group in second place and the central electric stations in third place.

Table 2.- Principal Statistics by groups of Industries, 1928 and 1929

Groups of Industries	Estab- lish- ments	Capital	Employees on Salaries			Employees on Wages			Cost of Materials	Value of Products
			Male	Female	Salaries	Male	Female	Wages		
	No.	\$	No.	No.	\$	No.	No.	\$	\$	
1928										
Vegetable products	2,186	262,904,984	4,189	1,467	10,972,200	25,345	10,417	34,506,803	219,726,594	365,417,133
Animal products	1,480	115,216,817	4,789	1,048	8,567,600	15,058	3,426	19,011,814	179,026,862	238,874,000
Textile products	862	173,786,041	3,110	1,859	9,870,334	18,674	30,021	41,495,164	105,113,876	197,035,952
Wood and paper products	2,812	445,366,486	6,807	2,577	19,271,551	50,573	6,224	58,381,584	121,415,909	284,350,352
Iron and steel products	691	477,764,967	7,814	2,599	21,186,087	62,615	2,014	87,338,702	229,428,938	430,770,001
Non-ferrous metal products	275	131,029,357	2,736	1,071	7,546,183	14,857	2,753	20,244,696	57,376,024	144,796,421
Non-metallic mineral products	637	130,185,263	1,553	417	3,820,600	11,934	293	15,267,509	42,433,900	96,995,773
Chemical products	303	81,514,536	1,968	864	5,236,814	4,691	1,416	6,604,863	42,232,081	84,434,798
Miscellaneous industries	234	61,807,732	1,029	381	2,882,468	6,237	1,249	8,447,797	18,180,498	39,737,542
Central electric stations	420	396,344,873	2,209	675	5,022,800	3,770	-	5,700,234	19,566,558	67,311,989
Total Ontario groups	9,900	2,275,921,056	36,204	12,958	94,376,781	213,754	57,813	296,999,166	1,034,501,240	1,949,724,119
1929										
Vegetable products	2,279	280,806,831	4,568	1,552	12,250,751	26,867	11,503	36,452,624	211,545,273	367,986,947
Animal products	1,455	113,585,457	4,574	998	8,371,071	14,568	3,480	19,097,147	168,573,460	229,192,549
Textile products	862	182,399,792	3,028	1,906	9,981,993	19,370	30,020	42,617,995	100,423,793	198,013,496
Wood and paper products	2,752	449,115,788	7,091	2,748	20,388,255	51,231	6,482	62,086,922	133,229,228	306,669,156
Iron and steel products	697	510,368,878	8,196	2,709	22,883,252	69,891	2,230	95,477,117	265,569,461	501,570,033
Non-ferrous metal products	270	155,334,420	3,138	1,209	8,593,549	17,104	3,278	24,173,886	73,538,068	178,295,277
Non-metallic mineral products	642	146,284,130	1,714	495	4,344,870	13,360	364	17,192,961	50,084,186	115,368,237
Chemical products	295	91,052,592	1,936	875	5,879,526	5,038	1,411	7,438,021	32,209,240	81,537,742
Miscellaneous industries	235	66,905,893	1,230	419	3,543,761	7,045	1,338	9,905,150	22,234,540	50,588,268
Central electric stations	423	422,486,669	2,302	684	5,255,842	3,904	-	5,858,030	22,699,349	73,869,083
Total Ontario groups	9,910	2,418,340,450	37,777	13,595	101,492,870	228,378	60,109	320,296,853	1,080,106,598	2,103,090,788

Date	Description	Debit	Credit
1890	Jan 1 Balance		100.00
	Jan 10 Cash	50.00	
	Jan 20 Cash	25.00	
	Jan 30 Cash	15.00	
	Feb 1 Cash	10.00	
	Feb 10 Cash	5.00	
	Feb 20 Cash	3.00	
	Feb 30 Cash	2.00	
	Mar 1 Cash	1.00	
	Mar 10 Cash	0.50	
	Mar 20 Cash	0.25	
	Mar 30 Cash	0.12	
	Apr 1 Cash	0.06	
	Apr 10 Cash	0.03	
	Apr 20 Cash	0.01	
	Apr 30 Cash	0.00	
	May 1 Cash	0.00	
	May 10 Cash	0.00	
	May 20 Cash	0.00	
	May 30 Cash	0.00	
	Jun 1 Cash	0.00	
	Jun 10 Cash	0.00	
	Jun 20 Cash	0.00	
	Jun 30 Cash	0.00	
	Jul 1 Cash	0.00	
	Jul 10 Cash	0.00	
	Jul 20 Cash	0.00	
	Jul 30 Cash	0.00	
	Aug 1 Cash	0.00	
	Aug 10 Cash	0.00	
	Aug 20 Cash	0.00	
	Aug 30 Cash	0.00	
	Sep 1 Cash	0.00	
	Sep 10 Cash	0.00	
	Sep 20 Cash	0.00	
	Sep 30 Cash	0.00	
	Oct 1 Cash	0.00	
	Oct 10 Cash	0.00	
	Oct 20 Cash	0.00	
	Oct 30 Cash	0.00	
	Nov 1 Cash	0.00	
	Nov 10 Cash	0.00	
	Nov 20 Cash	0.00	
	Nov 30 Cash	0.00	
	Dec 1 Cash	0.00	
	Dec 10 Cash	0.00	
	Dec 20 Cash	0.00	
	Dec 30 Cash	0.00	
	Total	100.00	100.00

This is a ledger page with a grid for recording transactions. The columns are labeled Date, Description, Debit, and Credit. The entries show a series of cash transactions over time, with a total debit of 100.00 and a total credit of 100.00.

MANUFACTURES OF ONTARIO

The principal statistics of the industries comprised within each of the main groups is shown in Table 3. The group showing the largest gross value of production was the iron and steel group. The other principal groups following in order named, the vegetable group, the wood and paper group, the animal products group and the textile group. The individual industries showing the greatest value of production were (1) automobiles (2) Slaughtering and meatpacking, (3) flour and grist mills, (4) electrical apparatus and supplies, (5) pulp and paper mills, (6) Rubber goods including footwear. Compared with the preceding year there was an increase in each of the statistical items except in the number of outside pieceworkers. (See page 1) The capital investment increased 6.25 per cent, total employment 5.65 per cent, salaries and wages 7.77 per cent, cost of materials 4.40 per cent and value of products 7.86 per cent.

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Table 3.- Principal statistics of Industries in each group, 1929.

	Estab- lish- ments No.	Capital Investment \$	Salaried Employees			Wage-Earners			Cost of Materials \$	Value of Products		
			Male No.	Female No.	Salaries \$	Male No.	Female No.	Wages \$		Materials \$	Gross \$	Net \$
ONTARIO	9,910	2,418,340,450	37,777	13,595	101,492,870	228,378	60,109	320,296,853	1,080,106,598	2,103,090,788	1,022,984,190	
1. Vegetable products	2,279	280,806,831	4,568	1,552	12,250,751	26,867	11,503	36,452,624	211,545,273	367,986,947	156,441,674	
Biscuits, confectionery, cocoa and chocolate, etc.	124	31,253,372	827	371	2,631,427	2,129	2,967	4,167,297	14,303,333	34,357,397	20,054,064	
Bread & other bakery products	1,007	21,158,759	370	191	787,111	6,317	1,069	8,067,156	17,576,925	35,546,101	17,969,176	
Breweries	36	23,253,458	352	74	1,003,143	1,361	9	1,565,909	6,446,365	20,100,743	13,654,378	
Cigars and cigarettes	26	6,311,888	223	77	417,894	351	498	644,780	2,541,241	9,020,161	6,478,920	
Coffee and spices	23	7,145,046	236	69	644,979	363	192	581,048	7,287,625	10,629,528	3,341,903	
Distilleries	8	33,970,531	177	52	624,643	718	133	1,123,515	6,617,718	21,422,749	14,805,031	
Feed and grist mills	544	3,541,898	10	6	20,241	783	-	558,196	15,501,146	18,170,377	2,669,231	
Flour Mills	173	27,873,827	305	96	771,767	1,969	110	2,186,527	65,043,177	76,062,893	11,019,716	
Fruit and vegetable canning, evaporating, etc.	163	20,885,349	221	93	567,176	1,851	3,388	1,977,113	10,142,847	17,476,279	7,333,432	
Ice cream cones	3	434,325	5	3	13,078	44	16	46,744	89,802	353,626	263,824	
Macaroni and vermicelli	3	185,149	3	1	5,408	16	7	19,113	80,774	157,744	76,970	
Miscellaneous food industries	35	10,224,898	200	77	519,451	482	228	772,181	5,393,116	11,477,523	6,084,407	
Pickles, vinegar and cider	43	8,016,772	116	31	348,748	667	514	965,353	5,357,335	10,614,798	5,257,463	
Rubber footwear	6	6,923,214	200	74	484,150	1,834	970	2,493,746	3,740,902	11,323,071	7,582,169	
Rubber goods	27	54,958,490	1,078	287	2,730,643	6,706	1,225	9,684,424	32,420,357	65,001,589	32,581,232	
Tobacco, smoking, chewing and snuff	4	765,362	16	-	40,420	76	111	94,957	1,203,724	1,417,440	213,716	
Wines and grape juice	41	7,276,566	65	10	163,522	271	45	306,007	2,997,704	5,117,828	2,120,124	
All other industries	13	16,627,927	164	40	476,950	929	21	1,198,558	14,801,182	19,737,100	4,935,918	

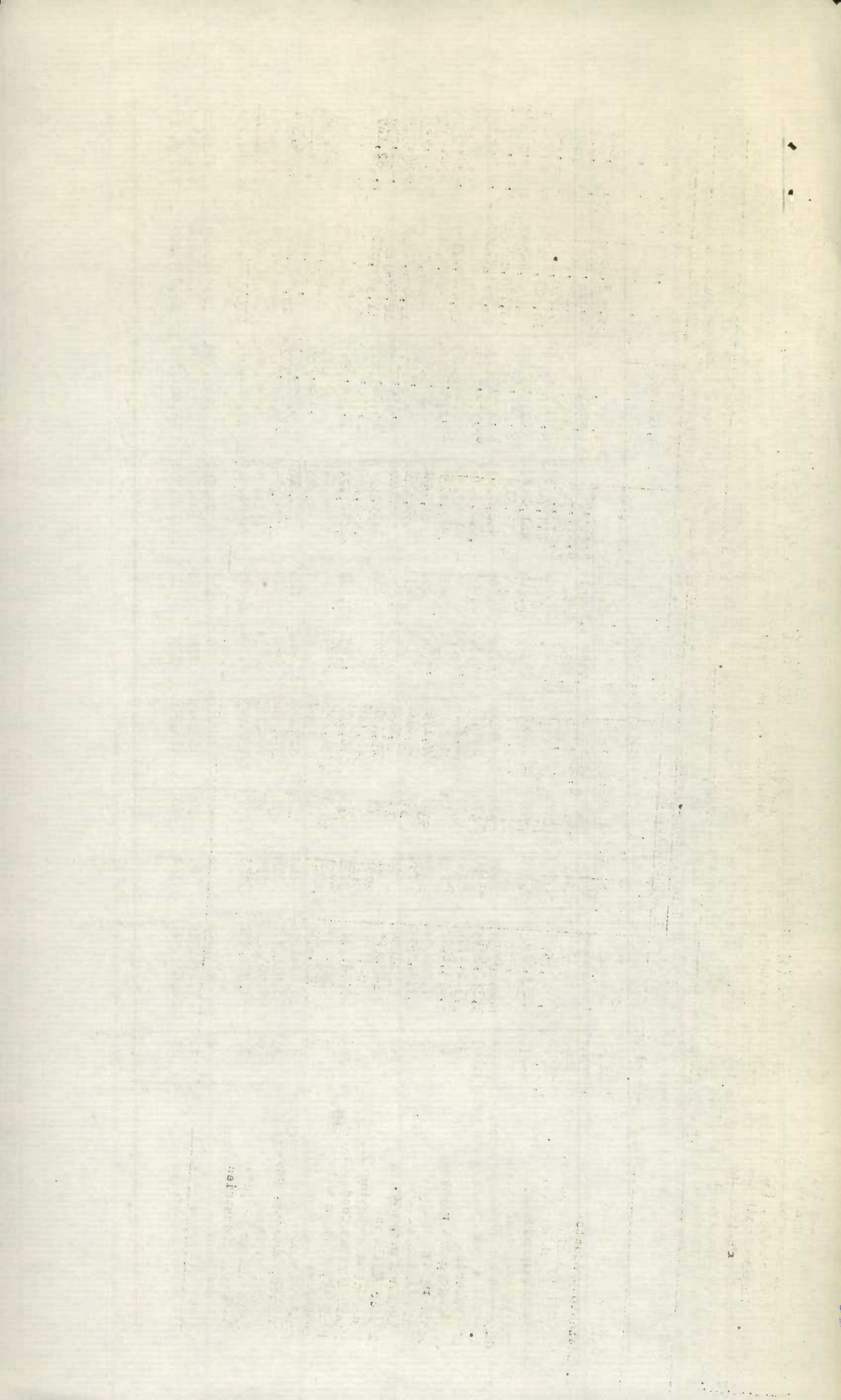


Table 3.- Principal Statistics of the Industries in Each Group, 1929 (Cont'd.)

	Estab-lish-ments	Capital Investment	Salaried Employees				Wage-earners				Cost of Materials	Value of Products	
			Male	Female	Salaries	Male	Female	Wages	Gross	Net			
												No.	No.
2. Animal Products													
Animal hair goods	1,455	113,585,457	4,574	998	8,371,071	14,568	3,480	19,097,147	166,573,460	229,192,549	60,619,089		
Animal oils and fate	5	524,329	11	7	53,012	40	27	69,866	271,651	577,569	305,918		
Belting, leather	4	853,940	7	4	27,033	108	4	117,013	304,505	518,686	214,181		
Boot and shoe findings	4	377,221	28	5	84,375	49	-	59,672	467,416	697,416	230,000		
Boots and shoes, leather	4	73,219	1	1	3,750	31	3	34,232	207,573	267,981	54,368		
Butter and cheese	65	11,223,085	346	157	1,011,683	2,894	1,907	4,307,181	9,035,900	17,468,700	8,432,800		
Condensed milk	983	23,234,379	2,417	413	2,828,006	3,344	115	4,142,658	44,604,112	60,734,140	16,130,028		
Fur dressing and dyeing	27	8,618,788	162	60	360,468	530	40	645,340	9,387,982	13,242,805	3,854,823		
Fur goods	4	593,642	22	2	48,674	103	34	205,359	64,926	627,580	562,654		
Gloves and mittens, leather	119	5,105,905	149	66	413,945	232	446	1,348,394	6,226,327	9,281,745	3,055,418		
Harness and saddlery	27	1,043,830	27	15	79,965	33	211	343,788	817,818	1,522,491	704,673		
Leather goods, n.e.s.	97	2,391,147	81	26	175,127	28	40	346,719	1,275,543	2,141,345	865,802		
Leather, tanned, etc.	35	22,626,588	179	50	665,271	424	73	2,603,543	16,036,618	22,374,622	6,337,591		
Sausage and sausage casings	28	1,262,082	67	39	180,144	232	251	992,791	954,153	2,067,812	1,113,659		
Slaughtering and meatpacking	17	482,396	19	3	33,739	75	14	104,539	880,822	1,130,872	250,050		
Trunks, bags and valises	25	33,772,742	1,016	134	2,267,881	3,214	271	4,010,698	77,329,864	94,916,855	17,586,991		
All other industries	9	1,366,491	42	16	129,998	345	39	355,803	698,055	1,606,403	908,348		
3. Textile Products													
Textile Products	2	35,673	-	-	-	5	5	9,551	10,195	21,980	11,785		
Awnings, tents and sails	862	182,399,792	3,028	1,906	9,981,993	19,370	30,020	42,617,995	100,423,793	198,013,496	97,589,703		
Bags, cotton and jute	24	883,551	45	26	106,827	103	95	196,446	521,450	1,040,592	519,142		
Battling	9	1,682,276	31	11	97,622	115	253	242,949	3,012,709	3,665,838	653,129		
Carpets, rugs and mats	5	992,248	24	6	86,868	61	44	112,549	776,598	1,259,038	482,440		
Clothing, men's factory	16	6,376,335	164	41	446,905	684	370	982,691	2,539,679	5,354,104	2,814,425		
Clothing, women's factory	54	11,342,979	355	215	1,035,089	2,017	1,593	4,431,635	8,420,705	17,432,412	9,011,707		
Cordage, rope and twine	219	13,091,553	555	468	2,029,448	2,238	5,522	7,202,587	14,568,710	32,499,648	17,930,938		
Corsets	6	11,082,666	61	15	197,313	643	356	998,081	6,847,458	10,170,697	3,323,239		
Cotton and wool waste	12	2,371,952	36	66	169,327	55	345	322,373	791,405	1,796,622	1,005,217		
Cotton textiles, n.e.s.	3	924,814	12	5	39,109	111	71	182,976	1,464,262	2,049,450	585,188		
Cotton thread	12	684,628	29	17	80,875	67	168	198,422	837,588	1,388,035	550,447		
Cotton yarn and cloth	3	495,953	16	7	39,796	45	99	123,673	459,407	786,908	327,501		
Dyeing, cleaning and laundry work	14	21,927,645	94	45	342,262	2,451	2,002	3,558,544	7,601,036	14,003,804	6,402,768		
Flax, dressed	150	10,733,478	285	196	836,996	1,817	2,599	3,746,233	1,307,854	10,129,252	8,821,398		
Furnishing goods, men's	9	116,263	1	-	700	83	-	23,704	16,894	90,091	73,197		
Hats and caps	56	7,789,094	249	140	669,069	534	2,466	2,261,629	6,816,996	12,086,141	5,271,145		
	76	4,478,601	159	97	553,366	874	1,265	1,835,954	3,969,828	8,030,472	4,060,644		

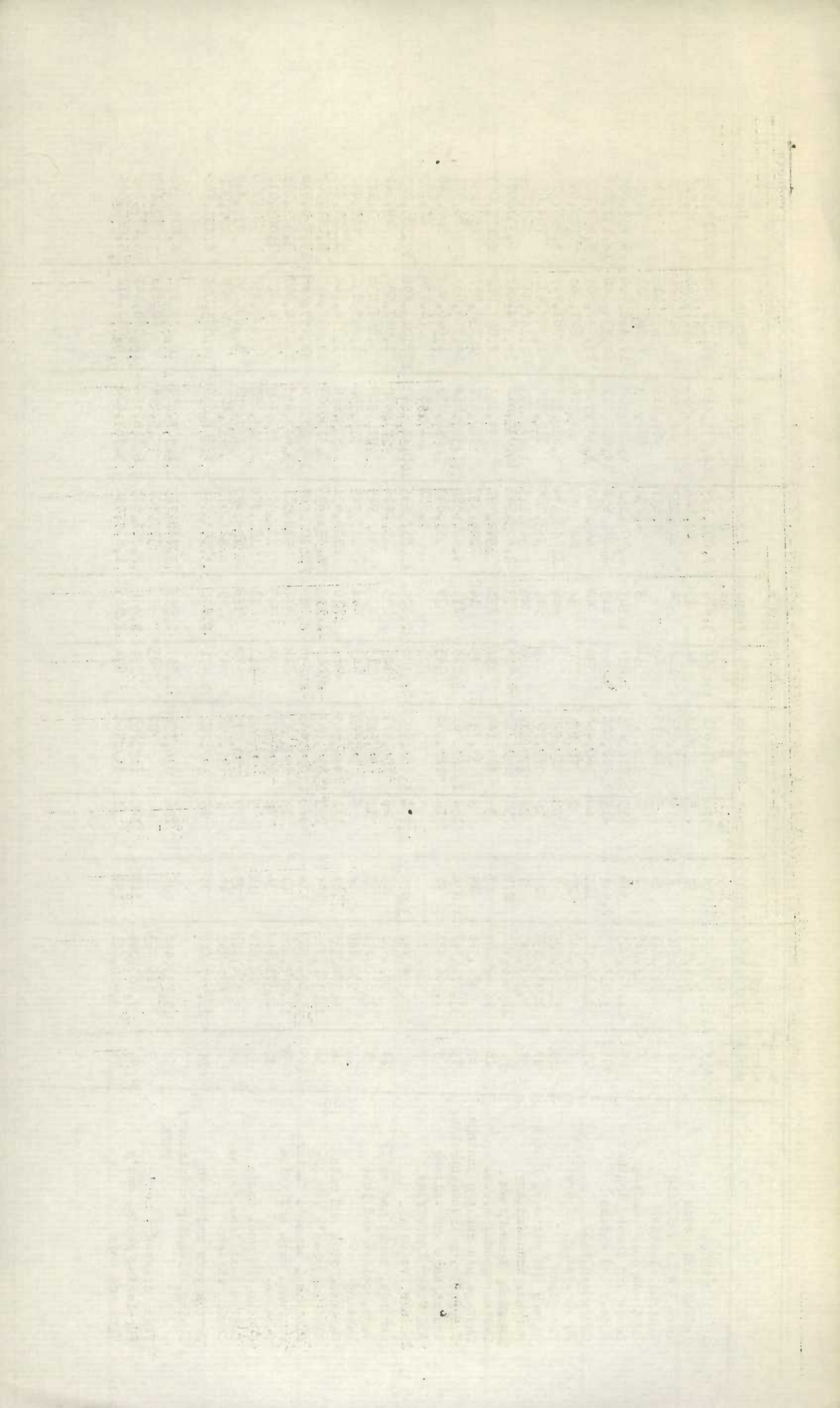


Table 3.- Principal Statistics of the Industries in Each Group, 1929 -(Cont'd.)

	Estab- lish- ments No.	Capital Investment \$	Salaried Employees			Wage-Earners			Cost of Materials \$	Value of Products	
			Male	Female	Salaries \$	Male	Female	Wages \$		Gross \$	Net \$
			No.	No.		No.	No.				
3. Textile Products (Cont'd.)											
Hosiery, knit goods and fabric gloves	109	46,573,355	504	405	1,922,158	3,956	9,129	10,248,780	22,089,753	43,606,685	21,516,932
Linen goods											
Miscellaneous textiles, n.e.s.	3	2,025,042	27	1	64,912	117	74	166,126	1,634,880	1,917,570	282,690
Oiled and waterproof clothing	5	645,883	14	8	63,469	49	88	136,268	351,540	677,536	325,996
Silk goods	11	9,909,930	76	31	252,615	676	1,020	1,440,790	2,770,718	6,148,504	3,377,786
Woollen cloth	29	16,382,584	193	62	615,226	1,763	1,345	2,710,615	7,944,057	14,005,835	6,061,778
Woollen goods, n.e.s.	19	4,597,719	50	19	176,627	398	115	485,803	1,852,352	3,457,612	1,605,260
Woollen yarns	16	6,406,683	38	17	124,014	452	909	907,269	3,641,897	6,019,570	2,377,673
All other industries	2	884,560	10	8	31,500	61	93	101,898	186,017	395,080	209,063
4. Wood and paper products -	2,752	449,115,788	7,091	2,748	20,388,255	51,231	6,482	62,086,922	133,229,228	306,669,156	173,439,928
Blueprinting	3	105,817	4	3	16,940	20	2	25,759	78,949	171,328	92,379
Beats and canoes	55	1,523,502	27	9	72,112	415	4	434,297	220,341	1,130,385	910,044
Boxes and bags, paper	73	12,273,281	329	135	1,065,903	1,320	1,507	2,458,959	7,347,167	13,914,059	6,566,892
Boxes, wooden	55	6,006,108	97	24	251,449	1,278	165	1,166,009	2,098,853	4,299,308	2,200,455
Carriage & wagon materials	5	456,408	6	4	20,115	86	-	91,651	217,924	434,031	216,107
Carriages, wagons & sleighs	96	7,188,787	93	25	222,769	1,273	7	1,407,613	4,510,216	7,364,644	2,854,428
Coffins and caskets	16	1,928,663	38	6	120,456	324	56	407,198	790,594	1,885,307	1,094,713
Cooperage	37	1,758,804	21	6	84,069	360	3	352,591	1,755,028	2,626,792	871,764
Excelsior	4	143,959	2	1	4,098	41	-	32,824	59,972	136,637	76,665
Furniture and upholstered goods	213	33,583,762	613	264	1,871,269	8,380	360	8,926,645	13,438,691	33,568,573	20,129,882
Lithographing and engraving	68	15,950,075	469	289	1,878,170	2,236	1,019	4,572,736	4,570,872	15,581,426	11,010,554
Miscellaneous wood products	52	4,165,941	79	32	201,567	723	61	775,181	1,037,841	3,033,042	1,995,201
Paper goods, n.e.s.	32	5,596,731	120	91	434,947	578	197	867,482	3,855,299	7,352,803	3,497,504
Planing mills, sash and door factories	315	30,677,143	572	152	1,448,778	5,276	83	5,671,293	16,174,267	28,247,225	12,072,958
Printing and bookbinding	413	22,916,083	730	310	2,206,539	3,812	1,385	6,259,774	7,349,802	23,349,466	15,299,657
Printing and publishing	302	30,763,260	2,038	875	5,130,377	3,626	640	6,203,409	7,799,308	32,796,257	24,996,949
Pulp and paper	41	207,005,896	1,027	295	3,091,280	9,429	272	13,375,413	35,887,813	82,352,183	46,464,370
Roofing, paper, wall boards, etc.	4	4,914,809	51	17	163,451	183	6	251,396	1,589,607	3,177,565	1,587,958
Sawmills	887	49,952,290	410	44	960,117	10,069	-	6,500,439	18,586,171	32,743,346	14,157,175
Sporting goods	15	1,739,722	40	23	83,486	289	91	365,681	888,237	2,028,282	1,140,045
Stationery and envelopes	19	3,382,411	160	82	462,665	323	503	723,870	2,982,869	4,877,693	1,894,824
Stereotyping and electrotyping	16	760,402	27	15	75,359	131	-	238,392	68,436	648,749	580,313
Woodenware	6	946,146	25	6	85,708	322	22	243,609	317,418	815,288	497,870
Wood turning	18	906,481	21	8	50,572	250	29	230,397	263,804	685,023	421,219
All other industries	7	4,469,307	92	32	380,060	487	70	504,304	1,339,742	3,449,744	2,110,002

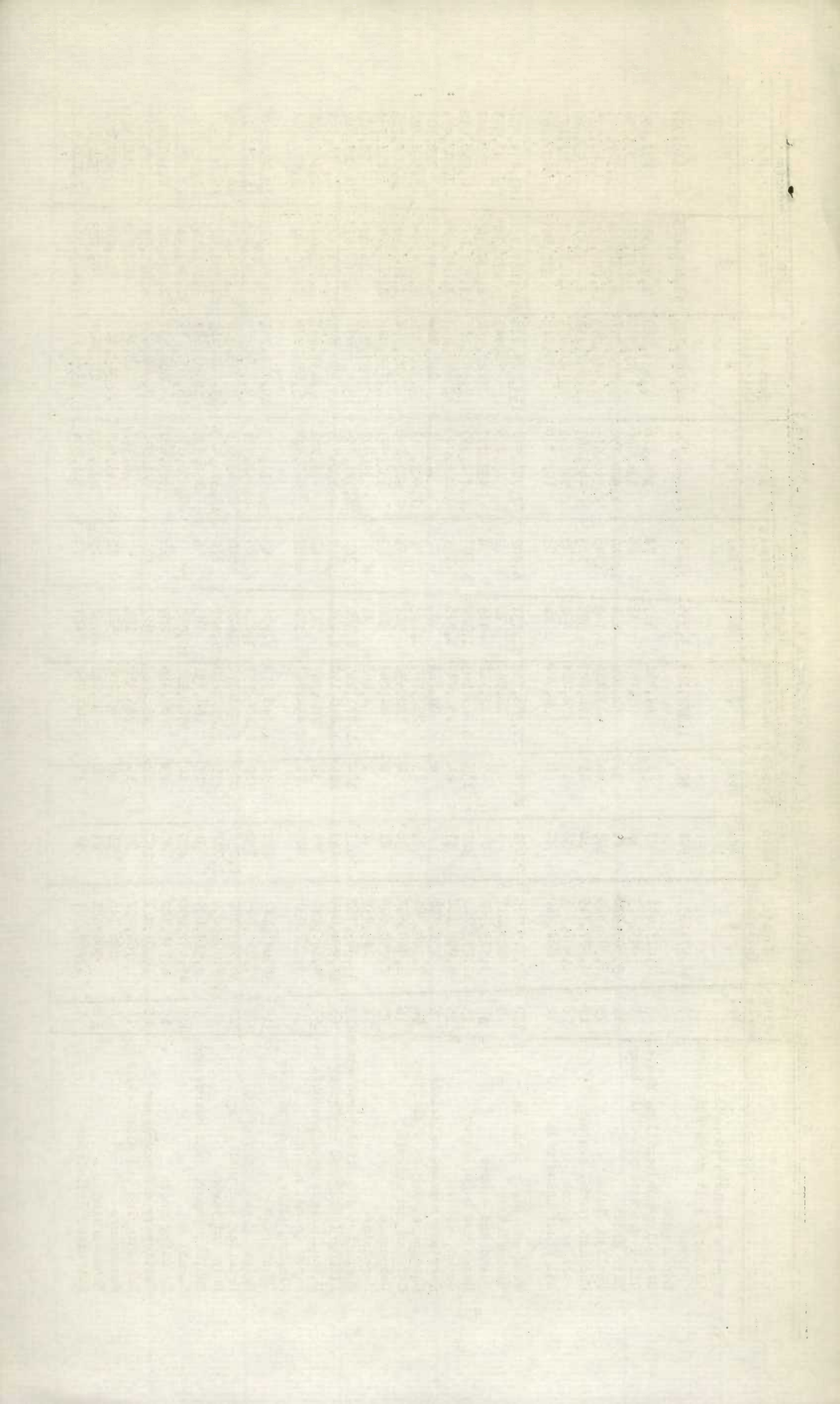


Table 3.- Principal Statistics of ^{the} Industries in Each Group in the Province of Ontario, 1929 (Cont'd.)

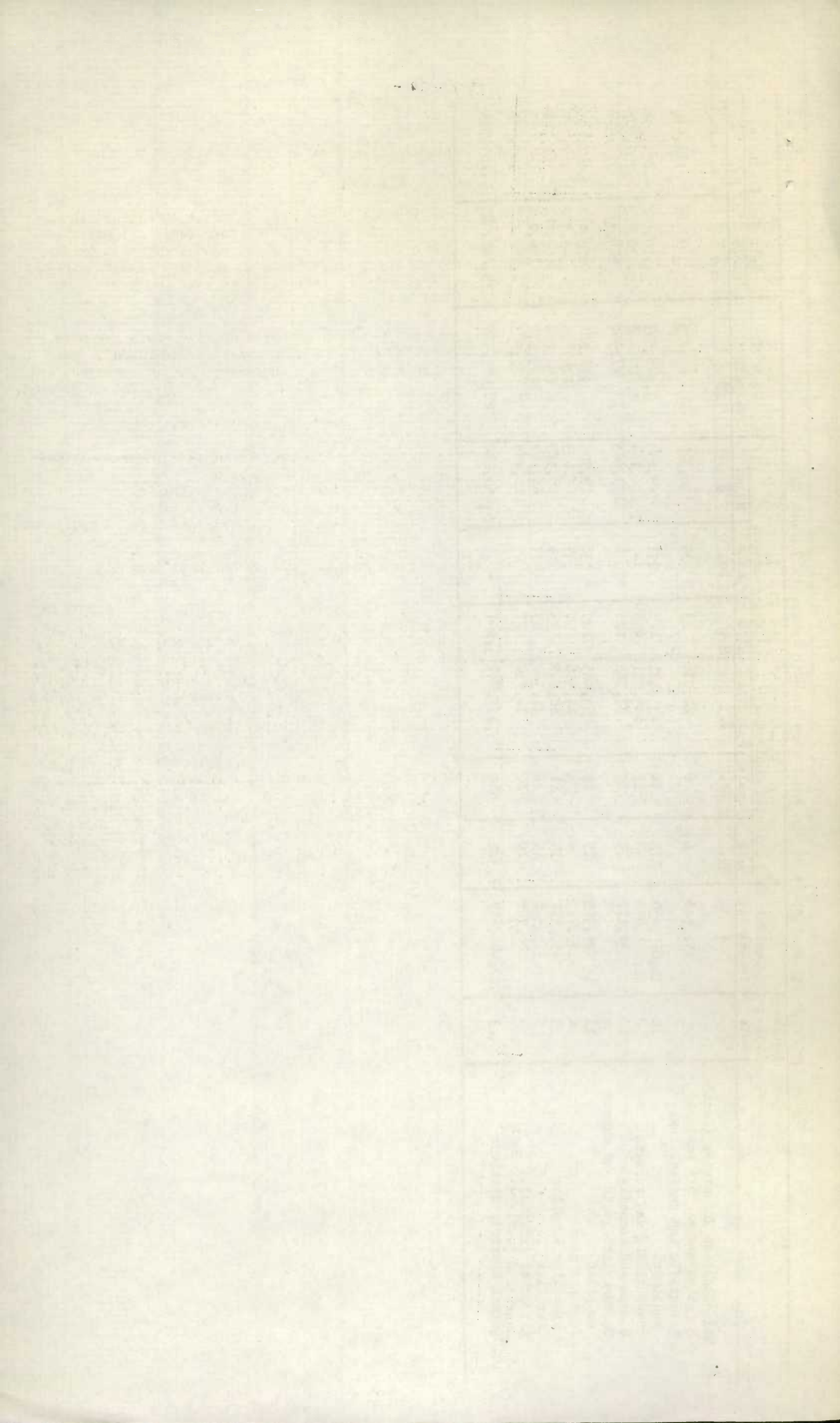
	Estab- lish- ments	Capital Investment	Salaried Employees		Salaries	Wage-earners		Wages	Cost of Materials	Value of Products	
			Male	Female		Male	Female			Gross	Net
	No.	\$	No.	No.	\$	No.	No.	\$	\$	\$	\$
5. Iron and its products	697	510,368,878	8,196	2,709	22,883,252	69,891	2,230	95,477,117	265,569,461	501,570,033	236,000,572
Agricultural implements	39	100,115,590	1,247	410	3,122,535	9,084	108	11,062,905	18,418,146	38,940,792	20,522,646
Automobiles	11	90,922,872	1,464	547	4,671,381	12,907	220	20,102,263	111,481,435	166,032,688	54,551,253
Automobile supplies	42	18,918,196	360	122	1,084,543	3,681	290	5,287,235	18,729,655	31,226,312	12,496,657
Bicycles and motorcycles	3	2,534,749	126	39	201,561	386	39	535,849	1,132,219	2,470,383	1,338,164
Boilers, tanks and engines	20	7,804,847	234	55	579,212	1,292	3	1,624,371	3,795,930	7,448,612	3,652,682
Castings and forgings	189	64,333,369	1,101	420	3,498,528	13,918	265	17,498,141	24,811,149	63,193,202	38,382,053
Hardware and tools	85	21,712,390	479	181	1,418,557	4,351	454	5,044,020	6,364,396	18,977,571	12,613,175
Iron and steel products, .e.s.	35	8,976,561	408	68	901,109	1,811	5	2,386,496	4,719,266	10,292,350	5,573,084
Machinery	120	49,279,134	1,196	412	3,052,770	5,997	85	7,565,450	15,033,682	46,225,251	31,191,569
Railway rolling stock	15	27,874,658	416	44	1,024,201	4,799	4	6,932,700	17,308,555	29,471,875	12,163,320
Sheet metal products	84	26,669,539	574	243	1,456,378	4,163	579	5,165,821	16,871,313	32,430,632	15,559,319
Steel and rolled products pig iron, ferro alloys, etc.	18	66,941,099	351	79	1,152,400	5,482	3	9,833,318	21,591,863	43,739,532	22,147,669
Wire and wire goods	36	24,285,874	240	89	720,077	2,020	175	2,438,248	5,311,852	11,120,833	5,808,981
6. Non-ferrous metal products	270	155,334,420	3,138	1,209	8,593,549	17,104	3,278	24,173,886	73,538,068	178,295,277	104,757,209
Aluminium products	14	5,264,368	70	13	168,432	562	78	761,784	2,754,726	4,263,801	1,509,075
Brass and copper products	65	17,886,997	489	141	1,144,297	2,865	324	3,583,852	16,323,011	25,737,217	9,414,206
Electrical apparatus and supplies	101	70,220,476	2,000	835	5,505,020	8,686	2,402	12,289,546	36,107,383	85,415,684	49,308,301
Lead, tin and zinc products	11	4,869,990	67	45	154,003	397	92	510,967	3,016,809	4,205,333	1,168,524
Miscellaneous non-ferrous metal products	13	615,282	37	3	95,925	100	37	170,008	232,608	923,678	691,070
Non-ferrous metal smelting and refining	5	47,359,251	188	17	613,471	3,195	-	4,788,742	11,615,193	48,899,838	37,284,735
Precious metal products	61	9,118,036	287	155	912,401	1,299	345	2,068,987	3,466,428	8,849,726	5,361,298
7. Non-metallic mineral products	642	146,284,130	1,714	495	4,344,870	13,360	367	17,192,961	50,084,186	115,368,237	65,284,051
Abrasives (artificial) and abrasive products	11	5,151,066	70	27	224,785	633	6	922,606	2,692,240	8,365,526	5,673,286
Aerated and mineral waters	141	4,525,261	170	38	324,613	514	35	547,557	1,643,620	4,284,244	2,640,624
Asbestos and allied products	5	507,092	15	6	48,594	48	2	51,542	188,107	578,616	390,509
Cement	4	16,850,059	39	3	86,683	793	-	1,061,173	-	6,608,246	6,608,246
Cement products	106	3,297,927	93	12	180,119	689	2	753,947	968,586	2,790,439	1,821,853
Clay products (domestic)	134	14,321,316	187	29	518,533	2,442	-	2,283,363	-	6,830,162	6,830,162
Clay products, (imported)	11	2,291,498	45	20	188,797	449	77	556,695	754,757	2,463,081	1,708,324
Coke and gas products	21	49,142,427	422	194	959,990	1,893	3	2,857,004	11,035,209	25,294,463	14,259,254
Glass products	35	7,291,187	150	50	425,681	1,865	166	2,290,546	3,153,474	8,493,026	5,339,552
Lime	23	2,810,784	44	9	67,352	410	-	427,234	-	3,364,411	3,364,411

Table 3.- Principal Statistics of the Industries in Each Group, 1929, (Cont'd.)

	Estab- lish- ments No.	Capital Investment \$	Salaried Employees		Wage-earners		Wages \$	Cost of Materials \$	Value of Products		
			Male No.	Female No.	Salaries \$	Male No.			Female No.	Gross \$	Net \$
7. Non-Metallic mineral products (Cont'd)											
Miscellaneous non-metallic mineral products	12	3,132,224	63	32	254,701	291	14	352,704	795,531	3,043,695	2,248,164
Petroleum products	9	27,228,752	202	35	578,263	2,087	17	3,153,391	26,878,563	36,058,623	9,180,060
Salt	7	3,808,692	35	10	83,702	262	42	337,796	-	1,420,424	1,420,424
Sand-lime brick	7	1,429,721	19	1	55,772	174	-	206,942	179,164	708,584	529,420
Stone, monumental and ornamental	116	4,496,124	160	19	347,285	810	3	1,390,461	1,794,935	5,064,697	3,269,762
8. Chemicals and allied products	295	91,052,592	1,936	875	5,879,526	5,038	1,411	7,435,021	32,209,240	81,537,742	49,328,502
Acids, alkalies, and salts	5	1,175,770	25	4	71,803	75	4	84,664	628,264	1,047,128	418,864
Adhesives	8	21,481,134	244	15	512,718	1,589	8	2,375,932	3,441,885	17,908,582	14,466,697
Coal tar distillation	4	1,854,497	16	4	54,146	99	-	112,699	1,166,757	1,691,668	524,911
Explosives, ammunitions, and fire-works	3	2,307,351	22	3	70,492	218	20	192,185	879,329	2,369,904	1,490,575
Fertilizers	5	1,650,308	17	8	51,357	95	-	94,231	913,508	1,448,828	535,320
Flavouring extracts	11	686,420	44	10	154,746	23	83	70,632	605,039	1,076,451	471,412
Gases compressed	12	3,041,804	101	54	204,231	113	5	158,733	462,783	1,636,758	1,173,975
Inks,	13	2,325,846	85	28	392,020	200	9	295,409	945,770	2,638,254	1,692,484
Medicinal and pharmaceutical preparations	80	12,152,211	381	265	1,232,151	445	590	1,007,849	3,954,053	12,021,178	8,067,125
Miscellaneous chemical products	43	6,980,227	203	147	694,058	549	224	773,250	3,072,156	7,596,422	4,524,266
Paints, pigments and varnishes	34	10,303,195	369	129	1,274,296	719	90	929,256	5,694,732	12,763,176	7,068,444
Polishes and dressing	16	875,935	31	15	106,193	55	27	85,890	414,891	972,520	557,629
Soaps, and washing compounds	29	13,046,540	340	120	831,901	644	199	924,639	8,504,967	14,678,728	6,173,761
Toilet preparations	28	2,002,062	49	75	212,279	44	152	173,190	1,120,634	2,716,422	1,595,788
Wood distillates and extracts	4	1,169,292	9	-	17,135	170	-	156,462	404,472	971,723	567,251
9. Miscellaneous Industries	235	66,905,893	1,230	419	3,543,761	7,045	1,338	9,905,150	22,234,540	50,588,268	28,353,728
Advertising and other novelties	8	180,274	7	4	20,994	32	78	68,939	141,658	288,662	147,004
Artificial feathers and flowers	4	154,814	3	5	11,440	7	30	33,950	56,152	134,489	78,337
Bridge building	6	17,754,370	397	47	1,075,627	2,328	-	3,753,187	7,717,128	16,721,877	9,004,749
Brooms, brushes and mops	39	2,719,900	96	50	286,478	490	152	504,810	1,112,872	2,699,067	1,586,195
Buttons	11	1,421,970	32	12	111,525	181	142	219,841	233,213	792,411	559,198
Fountain pens	4	933,266	50	26	152,703	61	69	116,758	646,047	2,036,824	1,390,777
Ice, artificial	20	2,620,179	28	7	73,619	167	4	196,245	56,902	985,941	929,039
Jewelry cases and silverware cabinets	5	256,376	11	13	30,611	61	54	103,476	125,043	351,223	226,180
Mattresses and springs	33	2,625,188	72	26	235,558	426	141	567,522	1,979,134	3,661,824	1,682,690
Motion pictures	4	273,211	54	16	193,276	-	-	-	118,644	133,114	14,470
Musical instruments and materials	30	7,759,081	115	43	323,970	1,304	73	1,553,234	3,269,766	6,649,948	3,380,182
Refrigerators	5	1,249,067	24	11	169,458	190	44	210,978	479,263	1,072,439	593,176

Table 3.- Principal Statistics of the Industries in Each Group, 1929 (Cont'd.)

	Estab- lish- ments No.	Capital Investment \$	Salaried Employees			Wage-earners			Cost of Materials \$	Value of Products	
			Male	Female	Salaries	Male	Female	Wages		Gross	Net
			No.	No.	\$	No.	No.	\$		\$	\$
9. Miscellaneous Industries (Cont'd.)											
Regalias and society emblems	5	152,618	6	6	21,076	13	30	36,538	65,625	177,061	111,436
Scientific and professional equipment	10	16,065,450	125	74	433,621	426	271	769,254	3,148,597	7,999,951	4,851,354
Shipbuilding and repairs	8	10,136,076	98	18	249,771	928	-	1,074,164	1,500,128	3,230,933	1,730,805
Stamps and stencils	16	334,177	27	13	77,142	120	6	159,605	57,458	408,475	351,017
Statuary, art goods and church supplies	11	529,369	27	14	63,485	105	138	226,705	376,284	873,487	497,203
Toys and games	4	165,725	4	3	14,388	51	37	65,653	128,875	345,932	217,057
Typewriter supplies	3	490,372	19	11	80,909	33	19	68,555	262,296	563,442	301,146
Umbrellas	5	355,561	15	6	41,380	25	77	64,647	233,972	388,031	154,059
All other industries	4	728,909	20	14	70,730	97	13	111,489	525,483	1,073,137	547,654
10. Central Electric Stations	423	422,486,669	2,302	684	5,255,842	3,904	-	5,858,030	22,699,349	73,869,083	51,169,734



MANUFACTURES OF ONTARIO

CAPITAL INVESTMENT

The statistics of the capital investment in the manufacturing industries of Ontario are presented in table 4 by groups of industries for the year 1929. It will be noted that the iron and its products group employed the largest amount of capital, viz. \$ 510, 368, 878 or 21.16 per cent of the total, followed by "the wood and paper" products group with \$449,115,788 or 18.57 per cent, and the central electric stations with \$422,486,669 or 17.47 per cent of the total investment.

The statistics of capital investment covering a period of five years are also shown in table 4. It will be observed that there has been an upward trend in both fixed and working capital. Compared with 1925 fixed capital has increased by 25.05 per cent and working capital by 26.48 per cent, or an increase of 25.58 per cent of the total investment.

Table 4.- Capital invested in the Manufacturing Industries of Ontario. 1925 - 1929

Groups of Industries	Fixed Capital	Working Capital		Total Capital
	Land, buildings machinery and tools	Materials & stocks on hand, fuel & miscellaneous Supplies	Cash, trading and operating accounts and bills receivable	
	\$	\$	\$	\$
Vegetable products	151,693,154	79,231,382	49,882,295	280,806,831
Animal products	51,901,672	31,608,856	30,074,929	113,585,457
Textiles and textile products	88,710,021	49,230,542	44,459,229	182,399,792
Wood and paper products	288,125,693	77,856,122	83,133,973	449,115,788
Iron and its products	269,222,828	119,751,330	121,394,720	510,368,878
Non-ferrous metal products	82,613,859	35,709,391	37,011,170	155,334,420
Non-metallic mineral products	102,114,758	24,724,126	19,445,246	146,284,130
Chemicals and allied products	48,355,862	17,728,249	24,968,481	91,052,592
Miscellaneous industries	26,400,773	18,040,924	22,464,196	66,905,893
Central electric stations	400,402,879	4,054,940	18,028,850	422,486,669
Total of groups 1929	1,509,541,499	457,935,862	450,863,089	2,418,340,450
Total of groups 1928	1,413,704,065	430,188,189	432,028,802	2,275,921,056
Total of groups 1927	1,325,649,334	409,644,354	398,887,689	2,134,181,377
Total of groups 1926	1,230,361,812	389,477,828	365,326,281	1,985,165,921
Total of groups 1925	1,207,098,214	381,268,193	337,227,075	1,925,593,482

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EMPLOYMENT STATISTICS, 1929.

The number of persons employed in the various groups of industries is shown in table 5 by classes of employment, sex and remuneration. A comparison of the average of salaries and wages, irrespective of the sex of the employee, for Canada and the province of Ontario shows that higher averages obtain in the province, the figures being as set forth in the summary following:

	<u>Average Salary</u>	<u>Average Wage</u>	<u>Combined Average, Salaries & Wages</u>
Canada	\$ 1,954	\$ 1,045	\$ 1,172
Ontario	\$ 1,975	\$ 1,110	\$ 1,241
Variation	/ 21	/ 65	/ 69

The maximum of employment in the province was in the iron products group with a total of 83,026 followed in order by the wood and paper group with 67,552 employees and the textile group with 54,324 employees. Of all the female wage-earners employed in the manufacturing industry of Ontario about 50 per cent are found in the textile group.

In the payments for salaries and wages the iron group takes first place with \$118,360,369 or nearly 28 per cent of the the total for all groups of industries followed in order by the wood and paper group with \$82,475,177 or nearly 20 per cent and the textile group with \$52,599,988 or more than 13 per cent.

Table 5. - Employment Statistics by groups of Industries for the Province of Ontario, 1929.

	Salaried Employees			Wage Earners			Total Employees	
	Males No.	Females No.	Salaries \$	Males No.	Females No.	Wages \$	Number	Salaries & Wages \$
Vegetable products	4,568	1,552	12,250,751	26,867	11,503	36,452,624	44,490	48,703,375
Animal products	4,574	998	8,371,071	14,568	3,480	19,097,147	23,620	27,468,218
Textile products	3,028	1,906	9,981,993	19,370	30,020	42,617,995	54,324	52,599,988
Wood and paper products	7,091	2,748	20,388,255	51,231	6,482	62,086,922	67,552	82,475,177
Iron and its products	8,196	2,709	22,883,252	69,891	2,230	95,477,117	83,026	118,360,369
Non-ferrous metal products	3,138	1,209	8,593,549	17,104	3,278	24,173,886	24,729	32,767,435
Non-metallic mineral products	1,714	495	4,344,870	13,360	367	17,192,961	15,936	21,537,831
Chemical products	1,936	875	5,879,526	5,038	1,411	7,435,021	9,260	13,314,547
Miscellaneous industry products	1,230	419	3,543,761	7,045	1,338	9,905,150	10,032	13,448,911
Central Electric Stations	2,302	684	5,255,842	3,904	-	5,858,030	6,890	11,113,872
Total	34,777	13,595	101,492,870	228,378	60,109	320,296,853	339,859	421,789,723

MANUFACTURES OF ONTARIO - Continued

FUEL CONSUMPTION

Table 6 presents statistics of fuel consumption in the manufacturing industries of Ontario for the calendar year 1929, by industrial groups. Bituminous coal was the principal fuel, constituting 63.8 per cent of the total cost of all fuel used. Gas, artificial and natural, used as fuel occupied second place in cost value, fuel oils third followed in order by coke and wood. The group showing the highest cost of fuel used was the non-metallic mineral group with an expenditure of \$7,755,118, the iron and steel group being second with \$6,973,118 the wood and paper group which includes pulp and paper mills, sawmills, planing mills and other woodworking plants being third with \$6,048,906 and the vegetable group fourth with \$3,418,191. Compared with 1928, there was an increase of \$2,545,488 or 8.9 per cent in the total cost of fuel used.

Table 6. - Value of fuel consumed by classes and by groups of industries, 1929.

	Bituminous Coal		Anthracite Coal	Lignite Coal	Coke	Gasoline	Fuel Oils	Wood	Gas	All other fuel	Total Cost of all fuel
	Quantity tons	Value \$									
Vegetable products	399,724	2,113,680	291,794	15,730	274,279	65,456	105,346	111,675	335,710	104,521	3,418,191
Animal products	201,217	1,242,884	17,741	3,975	38,261	0,169	29,862	144,196	15,857	45,083	1,546,028
Textiles and textile products	227,025	1,437,592	53,311	5,244	37,185	1,754	19,166	6,332	34,650	8,254	1,603,497
Wood and paper products	890,958	5,133,148	202,020	8,536	16,588	22,534	120,410	397,307	60,751	87,602	6,048,906
Iron and its products	690,619	3,256,781	176,750	8,101	460,876	49,328	1,371,723	43,875	1,427,775	177,909	6,973,118
Non-ferrous metal products	210,410	1,123,765	23,046	4,664	67,827	10,285	860,471	1,733	103,002	5,447	2,200,240
Non-metallic mineral products	767,842	4,194,766	23,581	909	429,907	16,149	710,911	243,433	2,048,214	107,248	7,755,118
Chemicals and allied products	239,156	1,125,235	23,404	-	34,630	367	23,040	5,373	5,953	35,351	1,255,853
Miscellaneous industry products	37,567	218,160	14,086	151	34,088	5,744	30,315	598	33,641	x 1,246	338,029
Central electric stations	33,411	165,755	15,791	-	-	525	7,285	10,416	-	-	199,982
Total											
1929	3,697,929	20,011,976	841,534	47,310	1,393,641	180,813	3,278,529	964,945	4,045,553	572,661	31,336,962
1928	3,354,934	18,947,358	842,999	49,083	1,229,808	183,862	2,648,947	983,603	3,605,246	300,568	28,791,474
1927	3,520,068	18,717,199	876,281	28,656	2,390,955	155,688	2,318,401	1,072,466	3,630,317	445,570	29,635,533
1926	3,190,879	18,820,293	890,996	18,250	2,572,716	358,389	2,413,320	1,209,338	2,721,562	387,148	29,392,012
1925	3,008,179	17,736,400	956,396	45,010	2,941,740	324,421	1,902,969	1,176,668	2,145,151	796,363	28,025,118

MANUFACTURES OF ONTARIO - Continued

Power Equipment in the Industries of Ontario

The power equipment installed in the industries of the Province of Ontario is shown in table 7 by groups of industries and horse power capacity. In 1929, the power developed by steam aggregated 324,030 h.p., whilst power developed by water amounted to 1,849,275 h.p.. The total primary power increased from 2,015,016 h.p. in 1925 to 2,211,092 h.p. in 1929. Installation of electric motors is shown under two heads; (a) those operated by purchased power and (b) those operated by power generated by the establishments. In 1929 the horse-power of all electric motors totalled 1,468,012 h.p. an increase of 458,055 h.p. as compared with 1925.

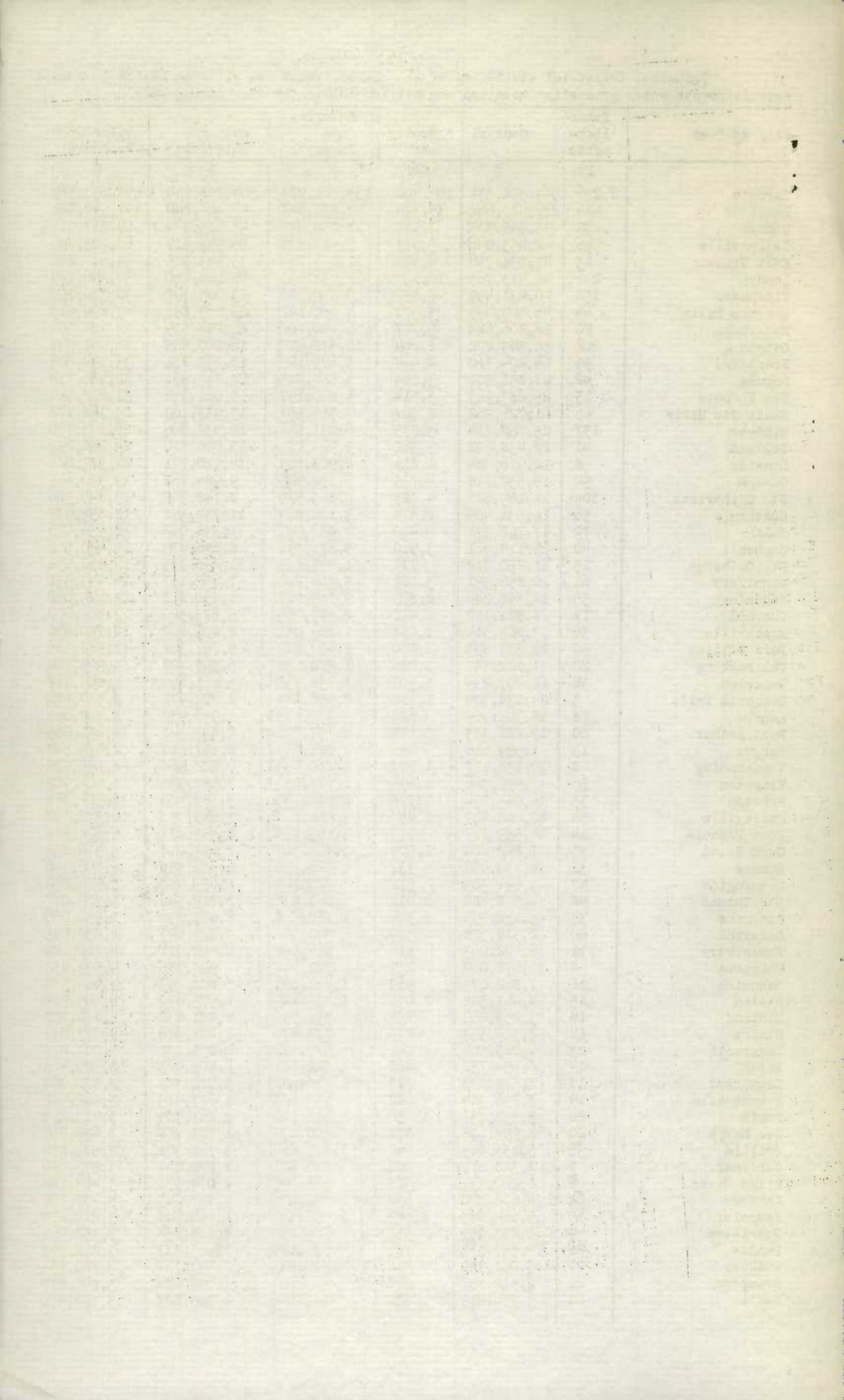
Table 7.- Power Equipment in the Province of Ontario 1925 - 1929

Groups of Industries	Steam engines and turbines H.P.	Internal combustion engines H.P.	Hydraulic turbines or water wheels H.P.	Total primary power H.P.	Operated by purchased power H.P.	Electric Motors		Total power equipment for all groups H.P.
						Operated by power generated by establishment H.P.	Total Electric motors H.P.	
Vegetable products	26,673	9,074	23,587	59,434	131,393	10,701	142,094	190,527
Animal products	10,802	536	206	11,544	36,916	1,423	38,339	48,460
Textiles and textile products	10,072	852	9,161	20,085	52,620	8,141	60,761	72,705
Wood and paper products	146,235	4,856	201,583	352,674	285,397	148,021	433,418	638,071
Iron and its products	56,785	19,519	3,134	79,438	227,092	286,806	513,898	306,530
Non-ferrous metal products	5,486	30	4,400	9,916	132,047	5,657	137,704	141,963
Non-metallic mineral products	9,318	1,237	4,020	14,575	72,733	4,312	77,045	87,308
Chemicals and allied products	13,602	288	25	13,915	33,846	5,426	39,272	47,761
Miscellaneous industries	4,834	12	1	4,847	25,481	-	25,481	30,328
Central electric stations	40,223	1,383	1,603,058	1,644,664	-	-	-	1,644,664
Totals - 1929	324,030	37,787	1,849,275	2,211,092	997,525	470,487	1,468,012	2,211,092
1928	311,403	36,195	1,819,906	2,167,504	842,675	179,037	1,021,712	2,167,504
1927	296,480	33,115	1,740,534	2,070,129	782,304	149,340	931,644	2,070,129
1926	328,025	33,947	1,658,327	2,020,299	751,076	143,792	894,868	2,020,299
1925	322,954	32,970	1,659,092	2,015,016	854,042	155,915	1,009,957	2,015,016

1. In order to avoid duplication the amount of purchased power used by the first nine groups is not included in the total power equipment since this power has already been shown under power equipment of Central electric stations.

Principal industrial statistics of all cities, towns and villages having 3 or more establishments whose production totalled one million dollars or over during 1929.

City or Town	Estab-	Capital	Employ-	Salaries	Cost of	Value of
	lish-			and		
	ments		ees	Wages		
	No.	\$	No.	\$	\$	\$
Toronto	2,236	549,328,334	102,406	133,722,929	304,208,614	593,253,569
Hamilton	416	221,427,642	35,375	47,535,648	94,404,240	197,949,081
Oshawa	39	35,545,303	7,182	11,034,499	43,619,954	66,317,911
Walkerville	56	42,453,046	5,973	9,917,274	35,991,419	64,203,495
East Windsor	13	41,898,796	6,697	11,254,764	33,943,575	59,617,888
London	231	47,413,765	10,134	11,996,633	21,102,010	50,346,829
Kitchener	136	40,931,499	9,559	10,518,382	23,005,798	50,314,793
Niagara Falls	64	46,529,499	3,370	4,967,892	26,269,857	49,890,515
Peterboro	80	26,206,623	5,727	6,140,108	21,254,539	37,783,540
Ottawa	202	56,543,292	8,604	10,578,982	16,180,685	36,098,047
Brantford	99	64,204,660	8,424	9,689,185	17,073,251	35,394,506
Sarnia	42	27,836,801	3,064	4,624,895	22,745,061	32,126,714
New Toronto	13	25,683,963	3,314	4,890,197	19,061,958	31,217,314
Sault Ste Marie	46	61,726,462	2,527	4,511,597	13,933,100	29,768,172
Windsor	137	25,752,714	3,975	6,033,844	12,932,606	26,773,730
Welland	41	22,438,592	3,342	3,963,281	13,020,710	24,288,295
Leaside	8	12,976,084	1,816	2,903,683	14,910,791	21,377,821
Guelph	92	18,532,718	4,799	5,152,525	9,924,762	19,970,647
St. Catharines	105	19,169,616	4,323	5,245,579	8,742,568	19,645,506
Chatham	56	15,531,405	2,374	3,173,817	11,734,352	18,835,937
Galt	79	17,792,971	4,410	4,842,422	7,758,062	16,936,876
Cornwall	40	29,114,661	3,960	3,871,376	6,248,499	15,470,566
Pt. Colborne	15	11,250,012	713	1,033,857	11,243,953	14,862,832
Stratford	61	10,856,591	3,109	3,966,230	7,655,197	14,103,331
Woodstock	55	12,398,244	2,895	3,119,939	6,952,852	13,615,098
Thorold	17	28,921,190	1,471	2,399,864	5,577,520	12,807,000
Brockville	36	7,884,314	1,084	1,209,351	9,308,669	12,750,990
Fort William	38	29,319,893	1,260	1,633,112	5,767,321	11,578,366
Wallaceburg	20	7,122,347	1,236	1,570,930	6,398,709	9,999,782
Waterloo	36	12,207,234	1,502	1,738,738	3,881,690	9,809,148
Iroquois Falls	3	24,138,504	1,118	2,056,434	2,789,972	9,510,678
Kenora	18	18,301,969	628	877,413	5,396,933	8,728,065
Port Arthur	20	19,288,833	1,198	1,737,796	2,433,341	8,681,263
Fergus	13	1,599,616	746	821,819	2,627,718	8,463,547
Kapuskasing	8	30,138,117	1,193	1,810,464	2,822,560	8,135,078
Kingston	56	13,499,366	1,656	1,927,953	3,501,936	7,614,965
Preston	35	6,884,254	1,775	2,010,745	3,122,408	6,921,367
Belleville	54	10,005,427	1,457	1,492,116	1,689,753	6,342,392
Fort Francis	14	14,589,169	773	1,163,873	2,535,177	6,216,917
Owen Sound	55	7,892,208	1,909	1,865,303	2,617,212	5,975,858
Simcoe	32	4,134,092	737	626,339	3,186,535	5,806,350
Leamington	17	3,691,305	571	559,713	2,655,482	5,680,239
St. Thomas	48	4,378,482	1,218	1,267,892	2,719,546	5,322,017
Pembroke	37	5,152,793	1,322	1,120,807	2,805,932	5,130,055
Goderich	20	2,318,378	369	349,516	3,325,849	4,839,295
Hawkesbury	11	6,102,063	816	913,144	2,402,071	4,710,129
Chippewa	4	1,178,069	259	391,447	948,786	4,599,432
Sandwich	12	7,862,073	969	1,497,095	801,493	4,464,974
Weston	15	4,467,502	1,071	1,333,144	1,973,670	4,403,914
Midland	18	3,259,269	755	838,095	2,921,252	4,270,258
Elmira	14	2,315,353	775	773,474	1,441,516	4,073,037
Ingersoll	23	4,283,506	841	933,496	2,055,137	4,007,279
Acton	14	2,554,758	460	512,121	2,801,027	3,989,463
Newmarket	17	2,578,242	713	778,528	1,872,329	3,980,063
Bowmanville	19	3,796,384	640	655,323	1,677,515	3,962,587
Paris	20	5,552,397	1,150	1,072,504	1,861,389	3,913,253
St. Marys	20	4,954,618	471	580,805	1,723,418	3,639,906
Orillia	36	5,133,643	1,060	1,149,662	1,748,301	3,579,034
Cardinal	9	3,348,881	282	369,627	2,470,349	3,573,690
Blind River	6	6,262,731	388	563,395	2,073,978	3,464,146
Benfrew	21	4,646,320	692	704,276	1,747,019	3,437,751
Hespeler	15	5,624,883	1,089	1,095,492	1,594,303	3,415,475
Merritton	9	5,233,559	531	806,052	1,613,154	3,352,967
Dundas	21	4,557,537	727	979,119	1,663,733	3,268,793
Sudbury	27	5,061,910	462	596,934	1,447,767	3,220,534
Brampton	21	2,512,197	890	883,409	1,492,028	3,141,614
Perth	21	3,956,419	722	849,646	1,300,223	3,132,571



City or Town	Estab- lish- ments	Capital	Employ- ees	Salaries and Wages	Cost of Materials	Value of Products
	No.	\$	No.	\$	\$	\$
Amherstburg	10	13,862,778	278	453,147	408,074	3,064,933
Bridgeburg	20	2,420,145	352	527,829	1,188,261	3,051,779
Petrolia	14	2,494,437	253	288,817	1,825,418	2,984,057
Huntsville	15	4,346,565	402	357,873	2,139,121	2,897,877
Gananogue	22	3,694,300	680	787,835	1,420,015	2,873,106
Georgetown	15	2,654,551	518	546,920	1,635,381	2,805,090
Lindsay	35	3,664,398	478	522,206	1,316,075	2,610,634
Hanover	15	3,734,531	715	692,820	1,243,593	2,575,295
Aylmer	7	2,269,072	245	206,213	1,226,716	2,467,237
Aurora	9	1,342,563	417	427,778	1,742,626	2,460,509
Cobourg	28	2,686,454	496	445,100	1,023,884	2,456,060
Trenton	26	3,341,001	604	586,507	1,180,060	2,307,397
Smith's Falls	22	3,968,754	691	735,431	1,111,250	2,272,021
Port Hope	28	3,104,575	648	798,727	735,302	2,191,402
Barleton Place	17	2,338,761	602	642,780	360,325	2,114,850
Barrie	18	1,741,914	348	414,854	1,353,461	2,084,963
Caledonia	11	1,353,991	249	290,771	834,443	2,075,182
Dryden	8	5,625,532	329	451,084	814,478	2,059,632
Dunnville	20	2,444,495	781	717,977	935,922	2,052,553
Tilsonburg	20	1,818,405	399	369,232	1,195,410	2,027,658
Port Credit	4	2,446,195	202	246,229	1,227,850	2,016,153
Oakville	18	1,540,656	377	423,303	1,076,534	1,958,747
Listowel	19	1,125,799	508	410,477	1,026,043	1,897,665
Sturgeon Falls	9	7,117,109	350	528,195	1,329,698	1,888,519
Kincardine	14	1,614,035	477	448,968	958,492	1,850,918
Amprior	15	3,659,833	506	541,981	861,401	1,832,748
Chesterville	7	958,330	173	240,416	1,302,697	1,815,959
Napanee	20	1,381,427	330	339,120	924,146	1,792,246
Milton	18	3,104,748	411	399,668	464,299	1,756,051
Tilbury	7	940,280	358	406,824	846,931	1,708,194
Meaford	16	1,434,426	342	298,972	986,389	1,546,652
Collingwood	24	4,604,697	458	493,513	790,320	1,546,011
North Bay	23	1,621,764	311	357,719	700,348	1,490,332
Ayr	7	1,139,973	112	117,323	638,590	1,463,722
Lakefield	19	3,122,082	158	199,015	180,988	1,446,748
New Liskeard	15	2,091,942	291	304,844	702,398	1,437,982
Strathroy	16	1,459,668	324	314,134	871,370	1,434,452
Almonte	19	1,610,461	445	355,772	815,270	1,432,829
Tavistock	11	487,173	170	150,110	1,094,308	1,369,875
Wingham	16	1,045,985	341	324,650	808,323	1,366,518
Cache Bay	3	1,085,507	217	240,639	919,950	1,267,239
Elora	8	1,039,600	317	335,541	374,014	1,250,459
Milverton	9	423,710	87	78,748	901,675	1,206,721
Grimby	14	1,146,608	418	277,306	670,535	1,185,872
Chesley	14	1,020,875	379	355,974	529,039	1,165,232
Walkerton	20	2,149,448	315	290,790	623,534	1,151,955
Gravenhurst	9	1,668,131	375	405,908	409,070	1,138,363
Bracebridge	17	2,226,021	243	210,012	575,963	1,120,692
Prescott	16	1,038,761	269	226,919	475,141	1,111,882
Kingsville	12	482,901	178	146,801	746,275	1,075,909
Penetanguishene	14	1,172,427	347	378,589	469,894	1,055,860
Port Dalhousie	5	1,016,247	362	328,313	276,413	1,035,406
Campbellford	15	1,268,686	257	239,416	563,596	1,030,207
Clinton	17	812,275	216	183,884	529,739	1,005,280
Total -- 121 Cities, Towns, etc.	6,132	1,952,218,605	507,172	392,176,750	969,586,186	1,882,367,573
Total, all industries in Ontario	9,910	2,418,340,450	539,859	421,789,723	1,080,106,598	2,103,090,783
Per cent of 121 cities towns, etc. to totals for the province	61.87	80.97	90.38	92.98	89.76	89.50

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