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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
1928



Published by Authority of the Hon. James Malcolm, M.P.,
Minister of Trade and Commerce

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OTTAWA
1930

DEPARTMENT OF TRADE AND COMMERCE
BUREAU OF STATISTICS

REPORT
ON THE
TRADE OF
CANADA
IN
1918



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Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.
Chief, Census of Industry: J. C. Macpherson

MANUFACTURES OF ONTARIO

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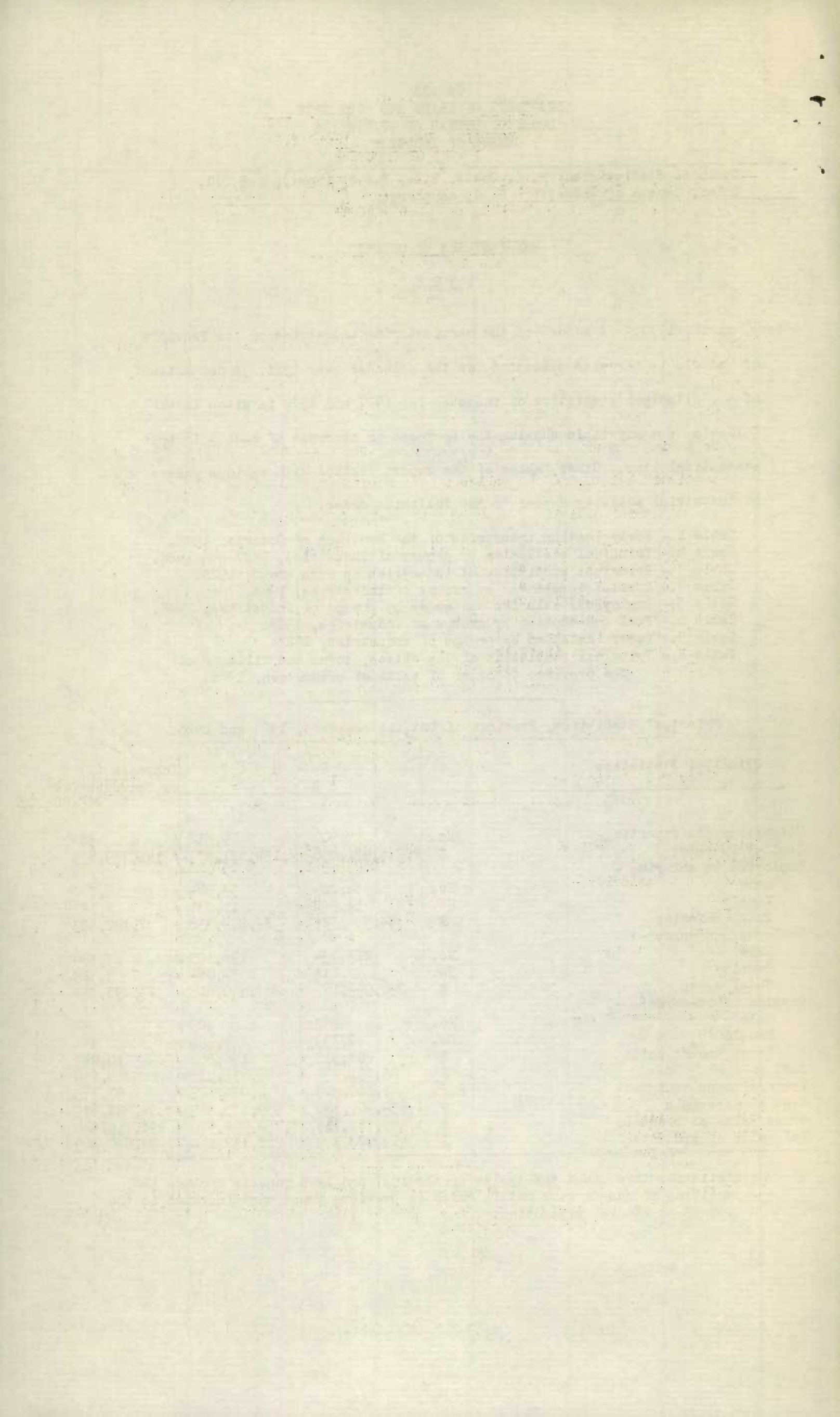
Ottawa, April, 1930.- A report on the manufacturing industries of the Province of Ontario is herewith presented for the calendar year 1928. A comparison of the principal statistics of industry for 1927 and 1928 is given in the following summary table showing the increase or decrease of each principal 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, 1928.
Table 2.- Principal statistics by groups of industries, 1927 and 1928.
Table 3.- Principal statistics of industries in each group, 1928.
Table 4.- Capital investment by groups of industries, 1928.
Table 5.- Employees, salaries and wages by groups of industries, 1928.
Table 6.- Fuel consumption by groups of industries, 1928.
Table 7.- Power installed by groups of industries, 1928.
Table 8.- Principal statistics of the cities, towns and villages of the province in order of value of production, 1928.

Principal Statistics, Province of Ontario compared, 1927 and 1928.

Principal Statistics		1/ 1 9 2 8	1/ 1 9 2 7	Increase (+) or Decrease (-)
Establishments reporting	No.	9,900	9,512	388
Capital invested	\$	2,275,921,056	2,134,181,377	141,739,679
Employees on salaries -				
Male	No.	36,204	33,964	2,240
Female	No.	12,958	11,831	1,127
Total salaries	\$	94,376,781	87,274,358	7,102,423
Employees on wages -				
Male	No.	213,754	196,155	17,599
Female	No.	57,813	54,084	3,729
Total wages	\$	296,999,166	267,900,415	29,098,751
Outside piece-workers -				
Male	No.	272	329	57
Female	No.	2,339	1,998	341
Total amount paid	\$	208,313	198,266	10,047
Cost of fuel	\$	28,791,474	29,635,533	844,059
Primary power equipment	H.P.	2,167,504	2,070,129	97,375
Cost of materials	\$	1,034,501,240	939,872,565	94,628,675
Gross value of products	\$	1,949,724,119	1,758,004,575	191,719,544
Net value of products	\$	915,222,879	818,132,010	97,090,869

1/ The statistics throughout the tables of the 1927 and 1928 reports include the smelting of non-ferrous metals which in previous years were included in the report on mineral production.



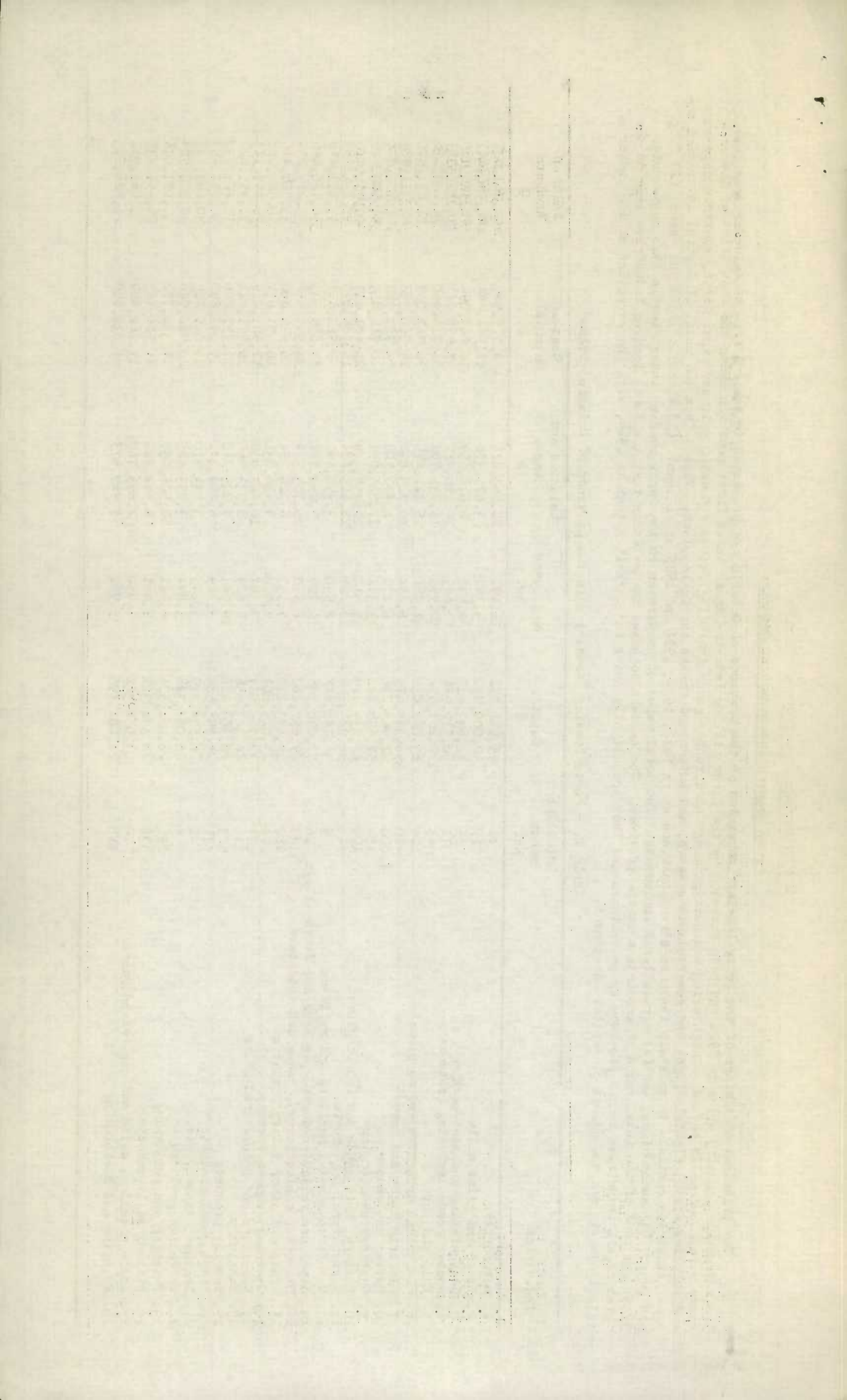
MANUFACTURES OF ONTARIO - Continued

Forty Leading Industries of Ontario.

The principal statistics of the forty leading industries of the province of Ontario are presented in table 1 for the calendar year 1928. The automobile industry which in 1924 had been exceeded by the flour milling industry again takes first position among the industries of the province with flour mills second, slaughtering and meat packing third, rubber goods including footwear fourth, pulp and paper fifth, electric apparatus and supplies sixth, electric light and power plants seventh, and butter and cheese in eighth place. Viewed from the point of Capital investment the same industries continue to maintain their relative positions as in 1922, 1923, 1924 and 1925 as follows: (1) Electric light and power, (2) Pulp and paper, (3) automobiles, and (4) agricultural implements. The total value of production in the forty leading industries in 1928 represented 79.51 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 by percentages and they are slightly lower for each item than in 1926, with the exception of the number of establishments and the amount of capital investment.

Table 1. - Forty Leading Industries in the province of Ontario, 1928.

Industries	Establish- ments No.	Capital \$	Employees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products \$
1. Automobiles	11	95,571,751	16,391	28,863,826	114,879,949	162,363,825
2. Flour and grist mills	715	30,000,850	3,348	3,671,378	91,542,464	106,486,641
3. Slaughtering and meat packing	25	32,833,629	4,996	6,618,659	74,665,094	90,500,960
4. Rubber goods including footwear	31	58,510,946	11,643	14,198,415	37,958,741	76,152,513
5. Pulp and paper	43	220,281,502	10,993	15,732,781	29,718,660	74,220,178
6. Electrical apparatus and supplies	104	63,062,031	12,061	15,122,478	28,943,059	71,831,640
7. Electric light and power	420	396,344,873	6,654	10,723,034	19,566,558	67,311,989
8. Butter and cheese	1,000	21,944,296	6,170	6,491,908	49,957,982	64,980,854
9. Castings and forgings	184	57,658,842	13,311	17,324,051	20,712,813	54,500,029
10. Hosiery, knit goods and fabric gloves	105	42,219,449	12,714	10,977,379	21,441,827	40,977,220
11. Agricultural implements	122	88,283,656	10,287	12,975,484	16,705,290	39,134,169
12. Non-ferrous metal smelting and refining	5	34,145,647	2,530	3,990,461	8,762,837	37,159,476
13. Steel and rolled products, pig iron and ferro-alloys	16	72,098,748	4,709	9,092,742	17,859,303	36,926,646
14. Biscuits, confectionery, cocoa and chocolate	129	29,657,262	6,510	6,713,379	14,555,946	33,219,234
15. Bread and other bakery products	960	19,693,170	7,137	8,120,394	16,511,830	33,098,415
16. Clothing, womens factory	210	13,825,601	9,026	9,418,031	18,357,637	32,806,828
17. Furniture and upholstered goods	217	32,744,027	9,387	10,422,830	12,801,419	32,457,143
18. Machinery	116	44,343,656	6,429	8,933,960	10,751,421	31,955,826
19. Sawmill products	923	48,963,426	10,948	7,225,112	17,757,266	31,422,230
20. Sheet metal products	77	25,755,585	5,319	6,459,372	15,042,690	30,731,458
21. Leather, tanned, etc.	40	26,574,429	3,245	3,733,910	23,025,209	30,683,133
22. Petroleum products	9	20,065,748	1,894	3,093,525	20,962,944	30,515,904
23. Printing and publishing	296	28,082,524	6,861	10,506,039	7,338,772	30,071,044
24. Planing mill products	336	28,572,322	5,861	6,582,920	15,586,143	26,454,235
25. Acids alkali, salts and compressed gases	20	27,658,302	1,850	2,699,769	13,162,489	25,061,950
26. Printing and bookbinding	418	21,681,495	5,961	7,969,675	7,033,880	21,828,683



MANUFACTURES OF ONTARIO - Continued.

Table 1. - Forty leading industries in the province of Ontario, 1928 - Concluded.

Industries	Establish- ments No.	Capital \$	Employees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products \$
27. Coke and gas products	22	46,629,491	2,463	3,524,693	10,849,063	21,459,356
28. Distilleries	6	29,255,493	1,023	1,426,533	5,519,631	19,883,092
29. Breweries	36	24,055,399	1,870	2,692,424	7,931,962	19,742,433
30. Brass and copper products	65	15,120,933	3,463	4,323,131	11,751,191	19,724,051
31. Boots and shoes, leather	65	11,174,306	5,106	5,107,115	9,338,147	17,971,958
32. Hardware and tools	84	21,311,395	4,950	5,898,619	6,294,765	17,788,230
33. Cotton yarn and cloth	16	19,486,715	5,129	4,409,724	9,319,754	17,035,667
34. Clothing, men's factory	61	9,996,629	4,239	5,225,908	7,613,464	16,863,164
35. Automobile supplies	45	15,516,147	3,188	4,326,488	7,904,282	15,813,930
36. Fruit and vegetable, canning, etc.	130	20,595,039	4,373	1,972,607	8,961,730	15,360,342
37. Soaps, washing compounds and toilet preparations	56	14,280,294	1,570	1,729,544	8,497,924	14,840,724
38. Boxes and bags, paper	76	11,826,229	3,119	3,219,740	7,060,874	13,834,278
39. Lithographing and engraving	64	14,191,018	3,825	5,957,961	3,991,347	13,547,878
40. Faints and varnishes	33	9,560,599	1,297	1,959,288	7,372,087	13,508,548
Total forty leading industries	7,215	1,842,973,454	241,855	299,835,287	838,008,444	1,550,225,872
Total all industries	9,900	2,275,921,056	320,729	391,375,947	1,034,501,240	1,949,724,119
Percentages of forty leading industries to total of all industries in the province	72.88	80.97	75.41	76.61	81.00	79.51

MANUFACTURES OF ONTARIO - Continued

Ontario Manufactures by groups of Industries, 1927 and 1928.

Table 2 gives the principal statistics of manufactures in the ten groups into which industry has been divided for the calendar year 1927 and 1928. The Iron and Steel group occupies first place in value of production in 1928 whilst the vegetable products group and the Wood and Paper group now occupy second and third places respectively. In employment the Iron and Steel group leads by 8,861 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 station group in third place.

Table 2.- Principal Statistics by groups of Industries, Province of Ontario, 1927 and 1928.

Groups of Industries	Estab- lish- ments No.	Capital \$	Employees on Salaries			Employees on Wages			Cost of Materials \$	Value of Products \$
			Male No.	Female No.	Salaries \$	Male No.	Female No.	Wages \$		
<u>1928</u>										
Vegetable products	2,186	262,904,984	4,189	1,467	10,972,266	25,345	10,417	34,506,803	219,726,594	365,417,133
Animal products	1,480	115,216,817	4,789	1,048	8,567,678	15,058	3,426	19,011,814	179,026,862	238,874,038
Textile products	862	173,786,041	3,110	1,859	9,870,334	18,674	30,021	41,495,164	105,113,876	197,035,992
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	430,770,081
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 station industry	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
<u>1927</u>										
Vegetable products	2,162	244,739,578	3,871	1,352	9,907,484	23,976	9,670	32,289,097	213,472,961	344,311,615
Animal products	1,491	112,232,340	4,961	965	8,541,336	14,542	3,369	18,542,003	165,704,599	228,503,595
Textile products	814	165,675,359	2,733	1,558	8,849,959	17,769	28,131	38,375,161	93,008,982	179,310,637
Wood and paper products	2,473	409,571,921	6,345	2,363	17,899,314	46,448	5,706	54,246,328	112,894,021	262,456,621
Iron and steel products	691	442,665,397	7,109	2,316	19,277,759	54,636	1,890	71,152,533	191,805,208	365,477,347
Non-ferrous metal products	271	120,198,449	2,706	1,031	6,928,663	13,401	2,505	17,969,926	49,148,935	116,055,955
Non-metallic mineral products	643	119,908,060	1,446	415	3,516,803	11,283	283	14,243,006	38,835,609	85,832,632
Chemical products	299	72,742,913	1,587	725	4,600,770	4,151	1,294	5,912,399	38,178,305	74,233,806
Miscellaneous industries	233	53,403,483	1,042	381	2,781,695	6,346	1,236	8,473,677	17,800,516	38,624,955
Central electric station industry	435	393,043,877	2,173	725	4,970,575	3,603	-	6,696,285	19,023,429	63,197,412
Total Ontario groups	9,512	2,134,181,377	33,964	11,831	87,274,358	196,155	54,084	267,900,415	939,872,565	1,758,004,575

Date	Particulars	Debit	Credit	Balance
1880-1-1	To Balance		100.00	100.00
1880-1-15	By Cash	50.00		50.00
1880-1-30	To Cash		25.00	75.00
1880-2-15	By Cash	25.00		50.00
1880-2-28	To Cash		10.00	60.00
1880-3-15	By Cash	10.00		50.00
1880-3-31	To Cash		5.00	55.00
1880-4-15	By Cash	5.00		50.00
1880-4-30	To Cash		5.00	55.00
1880-5-15	By Cash	5.00		50.00
1880-5-31	To Cash		5.00	55.00
1880-6-15	By Cash	5.00		50.00
1880-6-30	To Cash		5.00	55.00
1880-7-15	By Cash	5.00		50.00
1880-7-31	To Cash		5.00	55.00
1880-8-15	By Cash	5.00		50.00
1880-8-31	To Cash		5.00	55.00
1880-9-15	By Cash	5.00		50.00
1880-9-30	To Cash		5.00	55.00
1880-10-15	By Cash	5.00		50.00
1880-10-31	To Cash		5.00	55.00
1880-11-15	By Cash	5.00		50.00
1880-11-30	To Cash		5.00	55.00
1880-12-15	By Cash	5.00		50.00
1880-12-31	To Cash		5.00	55.00

1880-12-31

55.00

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) flour and feed mills, (3) slaughtering and meatpacking, (4) rubber goods including footwear, (5) pulp and paper mills, (6) electrical apparatus and supplies. Compared with the preceding year there was an increase in each of the statistical items except in the number of outside pieceworkers and the cost of fuel. (See page 1) Capital investment increased ^{by} 6.64 per cent, total employment by 8.34 per cent, salaries and wages by 10.19 per cent, cost of materials by 10.07 per cent and value of products by 10.90 per cent.

Table 3.- Principal statistics of Industries in each group in the province of Ontario, 1928.

	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 \$		Gross \$	Net \$
ONTARIO	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	915,222,879
1. Vegetable products	2,186	262,904,984	4,189	1,467	10,972,266	25,345	10,417	34,506,803	219,726,594	365,417,133	145,690,539
Biscuits, confectionery, cocoa and chocolate, etc.	129	29,657,262	868	390	2,575,181	2,175	3,077	4,138,198	14,555,946	33,219,234	18,663,288
Bread & other bakery products	960	19,693,170	235	123	602,348	5,774	1,005	7,518,046	16,511,830	33,098,415	16,586,585
Breweries	36	24,055,399	345	74	982,011	1,444	7	1,710,413	7,931,962	19,742,431	11,810,469
Cigars and cigarettes	28	5,412,240	215	65	401,718	325	433	585,703	2,200,143	7,594,621	5,394,478
Coffee and spices	24	6,213,341	241	73	704,714	340	186	523,055	7,505,582	10,231,045	2,725,463
Distilleries	6	29,255,493	178	47	461,430	666	132	965,103	5,519,631	19,883,092	14,363,461
Feed and Grist Mills	531	3,238,737	6	5	12,302	778	-	581,713	15,138,327	17,856,782	2,718,455
Flour Mills	184	26,762,113	293	101	712,549	2,058	107	2,364,814	76,404,137	88,629,859	12,225,722
Fruit and vegetable canning, evaporating, etc.	130	20,595,039	210	80	506,674	1,473	2,610	1,465,933	8,961,730	15,360,342	6,398,612
Macaroni and vermicelli	4	326,210	7	4	14,683	46	15	55,041	97,431	384,470	287,039
Miscellaneous food industries	32	9,003,023	152	65	430,111	31	16	34,637	199,073	336,343	137,270
Ice cream cones	3	421,551	5	1	18,854	398	240	711,311	4,944,528	10,161,041	5,216,513
Pickles, vinegar and cider	40	6,576,959	96	34	227,219	548	411	825,816	4,334,943	9,084,844	4,749,901
Rubber footwear	6	6,267,350	189	93	467,795	1,899	877	2,630,040	4,044,924	12,481,091	8,436,167
Rubber goods	25	52,243,596	940	258	2,206,785	6,232	1,155	8,893,795	33,913,817	63,671,422	29,757,605
Tobacco, smoking, chewing and snuff	4	430,551	15	-	39,005	75	104	93,352	929,654	1,113,659	184,005
Wines and grape juice	33	5,228,367	49	10	134,290	192	20	201,441	2,100,050	3,335,623	1,235,573
All other industries	11	17,524,583	145	44	474,577	891	22	1,198,392	14,432,886	19,232,819	4,799,933

Table 3.- Principal Statistics of Industries in Each Group in the Province of Ontario, 1928 (Cont'd.)

	Estab- lish- ments No.	Capital Investment \$	Salaried Employees		Salaries \$	Wage-earners		Wages \$	Cost of Materials \$	Value of Products	
			Male No.	Female No.		Male No.	Female No.			Gross \$	Net \$
2. Animal Products	1,480	115,216,817	4,789	1,048	8,567,678	15,058	3,426	19,011,814	179,026,862	238,874,038	59,847,176
Animal hair goods	5	474,204	12	4	42,692	44	23	65,696	208,743	532,541	323,798
Animal oils and fats	4	819,266	6	4	26,926	100	4	114,783	307,308	558,578	251,270
Belting leather	5	672,663	24	9	48,784	89	-	61,416	516,900	698,696	181,796
Boot and shoe findings	4	66,301	1	1	5,800	32	3	36,480	215,237	266,262	51,025
Boots and shoes, leather	65	11,174,306	331	150	982,861	2,799	1,826	4,124,254	9,338,147	17,971,958	8,633,811
Butter and cheese	1,000	21,944,296	2,650	365	3,010,484	3,042	113	3,481,424	49,957,982	64,980,854	15,022,872
Condensed milk	25	7,859,554	118	45	301,290	557	45	652,020	9,277,623	12,718,198	3,440,575
Fur dressing and dyeing	5	645,877	26	4	56,479	174	28	222,841	69,110	1,233,333	1,164,223
Fur goods	118	5,142,905	146	70	436,916	547	447	1,300,322	6,836,770	9,925,929	3,089,159
Gloves and mittens, leather	28	1,036,621	30	15	81,436	218	205	313,720	858,992	1,561,315	702,323
Harness and saddlery	104	2,750,397	91	23	196,275	430	64	473,238	1,591,540	2,757,122	1,165,582
Human hair goods	3	39,056	-	-	-	5	4	9,906	11,016	26,858	15,842
Leather goods, n.e.s.	27	1,239,287	68	29	172,417	223	270	401,114	914,841	2,000,539	1,085,698
Leather, tanned, etc.	40	26,574,429	178	46	638,169	2,948	73	3,095,741	23,025,209	30,683,133	7,657,924
Sausage and sausage casings	13	582,536	35	9	70,519	68	13	82,502	574,495	958,715	384,220
Slaughtering and meatpacking	25	32,833,629	1,033	258	2,382,586	3,436	269	4,236,073	74,665,094	90,500,960	15,835,866
Trunks, bags and valises	9	1,361,490	40	16	116,044	346	39	340,284	657,855	1,499,047	841,192
3. Textile Products	862	173,786,041	3,110	1,859	9,870,334	18,674	30,021	41,495,164	105,113,876	197,035,992	91,922,116
Awnings, tents and sails	24	931,269	44	20	100,758	112	110	199,173	590,765	1,144,567	553,802
Bags, cotton and jute	8	1,652,543	27	10	83,836	108	234	245,306	3,461,717	3,998,644	536,927
Batting	5	1,100,891	25	8	89,638	62	58	123,410	938,638	1,802,896	864,258
Carpets, rugs and mats	16	6,010,744	168	41	432,466	545	343	832,331	2,350,327	4,925,141	2,574,814
Clothing, men's factory	61	9,996,629	428	189	1,218,258	1,905	1,717	4,007,650	7,613,464	16,863,164	9,249,700
Clothing, women's factory	210	13,825,601	570	450	2,057,196	2,349	5,657	7,360,835	18,357,637	32,806,828	14,449,191
Cordage, rope and twine	7	10,133,133	60	15	197,702	575	358	995,168	6,511,462	8,922,173	2,410,711
Corsets	11	2,003,902	44	68	184,049	51	345	315,257	852,540	1,852,685	1,000,145
Cotton and wool waste	3	921,845	11	5	36,857	135	97	203,276	1,434,514	1,976,792	542,278
Cotton textiles, n.e.s.	11	651,282	22	9	60,950	44	145	147,790	750,866	1,261,748	510,882
Cotton yarn and cloth	16	19,486,715	120	44	404,525	2,701	2,264	4,005,199	9,319,754	17,035,667	7,715,913
Dyeing, cleaning and laundry work	148	9,820,107	287	241	728,423	1,686	2,416	3,396,897	1,123,598	9,064,133	7,940,535
Flax, dressed	13	225,531	1	-	700	115	4	40,543	72,229	208,505	136,276
Furnishing goods, men's	59	9,493,514	242	147	646,416	477	2,625	2,316,155	6,825,856	12,544,590	5,718,734
Hats and caps	77	4,568,024	164	105	575,628	885	1,266	1,943,932	4,299,632	8,680,684	4,381,052

Table 3.- Principal Statistics of Industries in Each Group in the Province of Ontario, 1928. (Cont'd.)

	Estab- lish- ments No.	Capital Investment \$	Salaried Employees			Wage-earners		Cost of Materials \$	Value of Products		
			Male	Female	Salaries	Male	Female		Gross	Net	
			No.	No.	\$	No.	No.		\$	\$	\$
3. Textile Products (Cont'd.)											
Hosiery, knit goods and fabric gloves	107	42,219,449	488	373	1,781,003	3,520	8,333	9,196,376	21,441,827	40,977,220	19,535,393
Linen goods	5	981,123	10	3	31,573	54	110	103,343	228,127	434,355	206,228
Miscellaneous textiles, n.e.s.	3	2,010,246	30	1	70,564	118	77	168,772	1,626,419	1,948,515	322,096
Oiled and waterproof clothing	4	677,642	12	9	53,695	51	101	136,106	316,539	711,280	394,741
Silk Goods	7	9,091,033	73	29	218,371	670	999	1,400,121	2,236,452	5,898,535	3,662,083
Woollen cloth	34	15,005,679	181	37	520,902	1,571	1,434	2,642,086	7,872,092	12,580,985	4,708,893
Woollen goods, n.e.s.	19	5,052,345	46	23	176,525	423	281	596,072	2,099,761	4,101,316	2,001,555
Woollen yarns	12	7,437,902	42	25	157,985	472	953	997,057	4,321,652	6,515,950	2,194,298
All other industries	2	488,892	15	7	42,314	45	94	122,309	468,008	779,619	311,611
4. Wood and paper products											
Blueprinting	3	93,186	4	3	12,051	19	2	26,745	34,352	109,454	74,602
Boats and canoes	55	1,253,343	26	11	65,034	372	4	362,630	180,805	923,986	743,181
Boxes and bags, paper	76	11,826,229	315	123	935,922	1,274	1,407	2,283,818	7,060,874	13,834,278	6,773,404
Boxes and packing cases	57	6,290,418	85	21	230,900	1,395	163	1,250,499	2,400,207	4,763,471	2,363,264
Carriage & wagon materials	5	576,018	8	3	27,831	110	1	119,883	299,807	572,995	273,188
Carriages, wagons & sleighs	112	5,751,050	88	25	180,928	1,334	5	1,387,448	2,950,282	5,783,862	2,833,580
Coffins and caskets	16	1,952,313	25	13	89,705	301	52	376,611	863,379	1,764,379	901,000
Cooperage	28	1,562,346	18	6	68,261	358	3	363,118	1,756,878	2,649,125	892,247
Excelsior	5	161,261	4	2	13,479	26	-	23,464	46,150	111,733	65,583
Furniture and upholstered goods	217	32,744,027	628	292	2,035,866	8,064	403	8,386,964	12,801,419	32,457,143	19,655,724
Lithographing and engraving	64	14,191,018	477	271	1,766,700	2,081	996	4,191,261	3,991,347	13,547,878	9,556,531
Miscellaneous wood products	50	3,883,604	65	28	152,575	649	58	519,300	943,743	2,580,174	1,636,431
Paper goods, n.e.s.	28	5,342,664	124	89	452,621	519	185	768,660	3,603,169	6,895,055	3,291,886
Planing mills, sash and door factories	336	28,572,322	566	157	1,334,752	5,058	80	5,248,168	15,586,143	26,454,235	10,868,092
Printing and bookbinding	418	21,081,495	715	296	2,064,013	3,603	1,347	5,905,662	7,033,880	21,828,683	14,794,803
Printing and publishing	296	28,082,524	1,900	799	4,783,252	3,596	566	5,722,787	7,338,772	30,071,044	22,732,272
Pulp and paper	43	220,281,502	943	216	2,770,433	9,563	271	12,962,348	29,718,660	74,220,178	44,501,518
Roofing paper, wall boards, etc.	3	1,844,425	51	15	193,049	144	5	197,960	1,413,012	2,684,470	1,271,458
Sawmills	923	48,963,426	407	47	979,016	10,494	-	6,246,096	17,757,266	31,422,230	13,664,964
Sporting goods	14	1,666,134	41	22	83,918	279	93	336,552	846,170	1,873,604	1,027,434
Stationery and envelopes	16	3,066,466	165	77	443,539	269	467	672,408	2,847,537	4,610,334	1,762,797
Stereotyping and electrotyping	15	618,645	30	12	70,481	104	-	190,131	50,321	540,362	490,041
Woodenware	7	614,700	16	7	67,087	292	24	238,222	281,856	754,381	472,525
Wood turning	18	802,369	21	9	47,331	259	15	214,126	255,950	747,417	491,467
All Other industries	7	4,145,001	85	33	402,807	410	77	386,723	1,353,430	3,149,881	1,796,451

Table 3.- Principal Statistics of Industries in Each Group in the Province of Ontario, 1928 (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.				
5. Iron and its products	691	477,764,967	7,814	2,599	21,186,087	62,615	2,014	87,338,702	229,428,938	430,770,081	201,341,143
Agricultural implements	44	88,283,656	1,176	385	2,753,385	8,628	98	10,222,099	16,705,290	39,134,169	22,428,879
Automobiles	11	95,571,751	1,682	684	5,048,864	13,787	238	23,814,962	114,879,949	162,363,825	47,483,876
Automobile supplies	45	15,516,147	251	91	765,902	2,611	235	3,560,586	7,904,282	15,813,930	7,909,648
Bicycles and motorcycles	3	2,828,642	125	39	233,020	354	35	414,944	1,019,421	2,213,493	1,194,072
Boilers, tanks and engines	19	7,013,094	201	47	496,301	1,027	2	1,219,069	2,416,134	4,841,693	2,425,559
Castings and forgings	184	57,658,842	953	331	2,793,253	11,813	214	14,930,798	20,712,813	54,500,029	33,787,216
Hardware and tools	84	21,311,395	422	179	1,284,328	3,925	424	4,614,291	6,294,765	17,788,230	11,493,465
Iron and steel products, n.e.s.	41	9,413,599	387	77	919,998	1,988	25	2,616,165	4,707,352	11,258,464	6,551,112
Machinery	116	44,343,656	1,137	359	2,954,909	4,842	91	5,979,051	10,751,421	31,955,826	21,204,405
Railway rolling stock	15	23,628,706	384	40	914,679	3,543	11	4,859,536	6,774,628	13,287,896	6,513,268
Sheet metal products	77	25,755,585	556	220	1,401,273	4,052	491	5,058,099	15,042,690	30,731,458	15,688,768
Steel and rolled products											
pig iron, ferro alloys, etc.	16	72,098,748	333	63	1,039,852	4,311	2	8,052,890	17,859,303	36,926,646	19,067,343
Wire and wire goods	36	14,341,146	207	84	580,323	1,734	148	1,996,212	4,360,890	9,954,422	5,593,532
6. 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	87,420,397
Aluminium products	14	5,094,213	54	15	155,473	468	72	649,920	1,865,328	3,192,696	1,327,368
Brass and copper products	65	15,120,933	435	142	1,032,194	2,575	311	3,290,937	11,751,191	19,724,051	7,972,860
Electrical apparatus and supplies	104	63,062,031	1,756	726	4,745,510	7,657	1,922	10,376,968	28,943,059	71,831,640	42,888,581
Lead, tin and zinc products	10	3,172,712	66	30	158,679	359	62	376,528	2,522,557	3,403,004	880,447
Miscellaneous non-ferrous metal products	13	781,581	31	4	76,218	107	41	126,975	242,089	977,569	735,480
Non-ferrous metal smelting and refining	5	34,145,647	164	16	545,111	2,349	1	3,445,350	8,762,837	37,159,476	28,396,639
Precious metal products	64	9,652,240	230	138	832,998	1,342	344	1,978,018	3,288,963	8,507,985	5,219,022
7. 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	54,561,873
Abrasives (artificial) and abrasive products	11	4,956,268	63	25	200,768	516	5	727,229	1,927,635	6,451,088	4,523,453
Aerated and mineral waters	145	4,409,979	161	21	332,943	439	26	530,828	1,892,250	3,680,547	1,788,297
Asbestos and allied products	5	511,214	15	6	43,038	29	3	40,055	201,768	485,155	283,387
Cement products	105	2,501,018	77	8	146,414	588	2	617,503	736,641	2,441,717	1,705,076
Clay products (domestic)	122	14,435,038	168	32	437,193	2,261	-	2,204,257	-	6,177,664	6,177,664
Coke and gas products	22	46,629,491	418	189	911,131	1,854	2	2,613,562	10,849,063	21,459,356	10,610,293
Glass products	36	6,102,509	120	32	318,887	1,470	145	1,886,421	2,760,202	7,129,381	4,369,179
Imported clay products	9	1,932,252	38	11	144,464	331	42	380,406	476,742	1,558,435	1,081,693
Lime	25	2,662,238	32	9	81,830	443	-	468,422	-	2,467,843	2,467,843

Table 3.- Principal Statistics of Industries in Each Group in the Province of Ontario, 1928 (Cont'd.)

	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 \$		Gross \$	Net \$
7. Non-Metallic mineral products (Cont'd.)											
Miscellaneous non-metallic mineral products	10	2,192,148	37	14	109,981	263	11	322,921	640,507	2,171,386	1,530,879
Petroleum products	9	20,065,748	183	32	535,505	1,661	18	2,558,020	20,962,944	30,515,904	9,552,960
Salt	9	3,666,856	39	14	97,756	263	36	337,214	-	1,377,629	1,377,629
Sand lime brick	7	1,365,321	14	3	52,283	183	-	205,497	234,446	819,675	585,229
Stone, monumental and ornamental	118	4,051,546	148	18	317,728	794	3	1,266,920	1,751,702	4,739,096	2,987,394
All other industries	4	14,703,637	40	3	90,679	839	-	1,108,254	-	5,520,897	5,520,897
8. Chemical and allied products	303	81,514,536	1,968	864	5,236,814	4,691	1,416	6,604,863	42,232,081	84,434,798	42,202,717
Acids, alkalies, salts and compressed gases	20	27,658,302	313	64	690,772	1,464	9	2,008,997	13,162,489	25,061,950	11,899,461
Coal tar and its products	10	1,916,104	27	10	86,253	89	4	113,142	1,191,756	1,955,033	763,277
Explosives, ammunitions, fire-works and matches	6	4,390,754	25	9	83,925	294	113	310,190	1,756,640	3,161,698	1,405,058
Fertilizers	5	1,274,089	11	9	40,459	103	1	121,502	926,643	1,394,715	468,072
Inks, dyes and colours	16	2,756,066	90	31	400,124	204	27	294,541	995,467	2,865,239	1,869,772
Medicinal and pharmaceutical preparations	82	11,109,046	360	260	1,122,596	461	590	995,544	3,686,552	11,268,846	7,582,294
Miscellaneous chemical industries	71	7,681,268	301	175	855,584	609	267	860,976	4,224,164	9,369,710	5,145,546
Paints, pigments and varnishes	33	9,560,599	430	135	1,146,001	645	87	813,287	7,372,087	13,508,548	6,136,461
Soaps, washing compounds and toilet preparations	56	14,280,294	404	171	799,238	677	318	930,306	8,497,924	14,840,724	6,342,800
Wood distillates and extracts	4	888,014	7	-	11,862	145	-	156,378	418,359	1,008,335	569,976
9. 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	21,557,044
Advertising and other novelties	7	149,309	6	4	18,421	22	59	46,425	77,664	190,230	112,566
Artificial feathers and flowers	4	159,705	3	8	15,461	7	29	27,706	76,093	204,387	128,294
Bridge building	6	13,863,223	296	41	757,502	1,797	-	2,737,552	6,076,071	10,678,967	4,602,896
Brooms, brushes and mops	43	2,773,373	104	45	284,960	512	141	488,441	1,065,307	2,673,035	1,607,728
Buttons	11	1,379,848	39	15	122,871	195	141	226,904	215,954	798,014	582,060
Ice, artificial	18	3,072,832	16	3	42,830	156	4	192,706	38,588	939,467	900,879
Jewelry cases and silverware cabinets	5	222,716	13	12	28,182	47	36	75,003	80,743	296,088	215,345
Mattresses and springs	31	2,390,410	63	23	195,747	375	127	502,535	1,721,358	3,141,490	1,420,132
Motion pictures	4	195,025	35	9	46,411	12	1	20,716	78,366	104,947	26,581
Musical instruments and materials	30	8,246,084	105	49	309,363	1,438	84	1,680,051	2,541,313	6,209,176	3,667,863
Refrigerators	7	1,223,623	20	10	70,907	232	2	245,023	539,495	1,266,589	727,094

Table 3.- Principal Statistics of Industries in Each Group in the Province of Ontario, 1928 (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.	No.	\$	No.	No.	\$	\$	\$	
9. Miscellaneous Industries (Cont'd.)											
Regalias and society emblems	5	149,505	6	6	21,298	15	32	39,723	64,204	171,194	106,990
Scientific and professional equipment	9	16,908,743	117	78	402,773	400	243	721,424	3,036,492	6,755,718	3,719,226
Shipbuilding and repairs	9	8,423,191	93	20	242,481	586	-	697,608	880,322	2,207,846	1,327,524
Stamps and stencils	17	324,012	28	12	62,328	122	5	151,056	53,935	368,542	314,607
Statuary, art goods and church supplies	11	551,497	25	14	53,666	117	146	217,968	360,391	862,771	502,380
Toys and games	4	138,810	3	2	12,148	39	44	67,866	187,392	361,244	173,852
Typewriter supplies	3	457,517	19	8	71,271	28	14	56,703	209,002	473,601	264,599
Umbrellas	5	343,969	16	5	44,580	28	82	82,634	294,840	477,810	182,970
All other industries	5	834,340	22	17	79,268	109	59	169,753	582,968	1,556,426	973,458
10. Central Electric Stations	420	396,344,873	2,209	675	5,022,800	3,770	-	5,700,234	19,566,558	67,311,989	47,745,431

MANUFACTURES OF ONTARIO

Capital Investment

The statistics of capital investment in the manufacturing industries of the province of Ontario in 1928 are presented in table 4 by groups of industries. The statistics relating to capital are presented under two main heads: (1) Fixed capital, which includes lands, buildings, machinery and tools, and (2) Working capital which includes (a) materials and stocks on hand, fuel, miscellaneous supplies and finished products on hand, and (b) cash, trading and operating accounts and bills receivable. Fixed capital represented 62.11 per cent of the total investment in 1928 and working capital 37.89 per cent. Comparing capital investment since 1921, a steady increase will be noted; in 1921 the total investment amounted to \$1,613,486,222, in 1922 it had increased to \$1,696,738,996, in 1923 to \$1,775,493,340, in 1924 to \$1,836,269,551, in 1925 to \$1,925,593,482, in 1926 to \$1,985,165,921, in 1927 to \$2,134,181,377, and in 1928 to \$2,275,921,056, being an increase in the eight year period of \$662,434,834 or an average annual increase of over \$82,800,000. Measured by average capital per establishment it advanced from \$172,942 in 1921, to \$180,735 in 1922, to \$185,935 in 1923, to \$194,242 in 1924, to \$205,156 in 1925, to \$209,915 in 1926, to \$224,367 in 1927 and to \$229,891 in 1928, an increase in the eight year period of \$56,959 per establishment or nearly 33 per cent. The groups showing the highest capital investment were in order (1) the iron and steel group (\$477,764,967); (2) the wood and paper group (\$445,366,486); (3) the central electric stations group (\$396,344,873); and (4) the vegetable products group (\$262,904,984). The province of Ontario supplied nearly 48 per cent of the total capital invested in the industries of the Dominion in 1928.

Table 4.- Capital invested in Ontario by groups of Industries, 1928.

Groups of Industries	Fixed Capital	Working Capital		Total Capital
	Land, buildings, machinery and tools	Materials & stocks on hand, fuel, & miscellaneous	Cash, trading and operating accounts and bills receivable	
	\$	\$	\$	\$
Vegetable products	142,591,372	69,096,233	51,217,379	262,904,984
Animal products	52,797,269	37,455,857	24,963,691	115,216,817
Textile and textile products	84,325,167	47,633,369	41,827,505	173,786,041
Wood and paper products	281,516,523	84,100,191	79,749,772	445,366,486
Iron and its products	249,048,486	110,243,702	118,472,779	477,764,967
Non-ferrous metal products	64,688,765	28,712,766	37,627,826	131,029,357
Non-metallic mineral products	93,348,845	19,071,150	17,765,268	130,185,263
Chemicals and allied products	44,817,005	15,818,067	20,879,464	81,514,536
Miscellaneous industry products	24,531,242	14,426,867	22,849,623	61,807,732
Central electric stations industry	376,039,391	3,629,987	16,675,495	396,344,873
Total of groups	1,413,704,065	430,188,189	432,028,802	2,275,921,056

Employment Statistics, 1928.

The number of persons employed in the various groups of industries is shown by classes of employment and by sex and remuneration in table 5. 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:

	Average Salary	Average Wage	Combined Average, Salaries & Wages.
Canada	\$ 1,915.44	\$ 1,024.08	\$ 1,147.68
Ontario	\$ 1,919.59	\$ 1,093.65	\$ 1,220.27
Variation	4.15	69.57	72.59

The maximum of employment in the province was in the iron products group with a total of 75,042 followed in order by the wood and paper group with 66,181 employees and the textile group with 53,664 employees. Female employment in the wage earning class is highest in the textile industries being 59.4 per cent of total of employees in the group. In the payments for salaries and wages the iron group takes first place with \$108,524,789 or nearly 28 per cent of the total for all groups of industries followed in order by the wood and paper group with \$77,653,135 or nearly 20 per cent and the textile group with \$51,365,498 or more than 13 per cent.

Table 5. - Employment Statistics by groups of industries for the Province of Ontario, 1928.

	Salaried Employees		Wage Earners		Total Employees	
	Males	Females	Males	Females	Number	Salaries & Wages
Vegetable products	4,189	1,467	25,345	10,417	41,418	45,479,069
Animal products	4,189	1,048	8,567,678	3,426	19,011,814	27,579,492
Textile products	3,110	1,859	9,870,334	18,674	41,495,164	53,664,498
Wood and paper products	6,807	2,577	19,271,551	50,573	58,381,584	77,653,135
Iron and its products	7,814	2,599	21,186,087	2,014	87,338,702	108,524,789
Non-ferrous metal products	2,736	1,071	7,546,183	14,857	20,244,696	27,790,879
Non-metallic mineral products	1,553	417	3,820,600	293	15,267,509	19,088,109
Chemical products	1,968	864	5,236,814	1,416	6,604,863	11,841,677
Miscellaneous industry products	1,029	361	2,882,468	6,237	8,447,797	11,330,265
Electric light and power	2,209	675	5,022,800	-	5,700,234	10,723,034
Total of Ontario's groups	36,204	12,958	94,376,781	57,813	296,999,166	391,375,947

FUEL CONSUMPTION

Table 6 presents statistics of fuel consumption in the manufacturing industries of Ontario for the calendar year 1928, according to the ten groups into which industry has been divided. Bituminous coal was the principal fuel, constituting 65.8 per cent of the total cost of all fuel used and is shown also by tonnage in column (1) of the table. Gas, artificial and natural, used as fuel occupied second place in cost value, fuel oils was 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 \$6,667,949. The iron and steel group being second with \$6,504,101, the wood and paper group which includes pulp and paper mills, sawmills, planing mills and other woodworking plants being third with \$5,746,327 and the vegetable products group fourth with \$3,102,603.

There was a decrease in the total cost of fuel consumption as compared with 1927 amounting #844,059 or 2.85 per cent. This deficiency in the cost of fuel consumption is due mainly to a change of interpretation in the use of coke in the non-ferrous metal smelting industry. Formerly coke charged to furnaces was entered as fuel whilst in the present report it has been entered as a material. The value of coke so charged amounted in 1928 to \$1,035,224, which if treated as in 1927 would show an increase in the cost of fuel consumption of \$191,165 instead of the decrease above mentioned.

Table 6. - Value of fuel consumed by classes and by groups of industries, 1928.

Vegetable products	Animal products	Textiles and textile products	Wood and paper products	Iron and its products	Non-ferrous metal products	Non-metallic mineral products	Chemicals and allied products	Miscellaneous industry products	Central electric station industry	Total of groups	
										Value	Quantity tons.
388,402	202,384	218,804	789,280	607,877	175,186	696,014	217,140	32,003	27,844	3,354,934	18,947,358
2,101,123	1,289,889	1,419,047	4,821,751	3,131,770	985,582	3,770,738	1,091,089	194,160	142,209	842,999	49,083
190,532	31,685	9,854	7,522	12,131	553	670	380	6,359	18,607	183,862	2,648,947
239,147	39,447	39,362	21,978	405,507	65,429	377,017	31,193	18,607	3,372	183,862	2,648,947
60,766	8,325	28,798	144,957	35,447	9,096	619,369	2,288	24,311	770	183,862	2,648,947
106,061	164,221	23,586	364,704	1,062,396	590,969	243,585	26,749	687	10,203	983,603	3,605,246
101,127	10,160	7,481	60,012	31,707	54,283	1,543,580	5,605	21,082	-	3,605,246	3,605,246
291,613	35,453	35,761	11,388	113,376	8,120	102,461	7,017	1,396	-	3,605,246	3,605,246
3,633	1,631,962	1,643,273	5,746,327	6,504,101	1,847,397	6,667,949	24,985	1,209,997	153,354	3,102,603	28,791,474
3,102,603	1,631,962	1,643,273	5,746,327	6,504,101	1,847,397	6,667,949	24,985	1,209,997	153,354	3,102,603	28,791,474

MANUFACTURES OF ONTARIO - Continued.

Power Equipment in the Industries of Ontario.

The power equipment installed in the industries of the Province of Ontario in 1928 is shown in table 7 by groups of industries and horse power capacity. Power developed by steam aggregated ^{311,403 h.p.} whilst power developed by water increased from 1,475,536 h.p. in 1924 to 1,659,092 h.p. in 1925, to 1,658,327 in 1926, to 1,740,534 h.p. in 1927 and to 1,819,906 in 1928. Installation of electric motors in this report is shown under two heads (a) those operated by purchased power and (b) those operated by power generated by establishments. In 1926 the corrected horse power of electric motors totalled 894,868, whilst in 1927 the horse power totalled 931,644, and in 1928 it reached a total of 1,021,712, an increase of 90,068 horse power or 9.67 per cent.

The central electric station industry accounted for most of the primary power development in 1927. Next in order are the wood and paper group, the iron and steel group and the vegetable products group. The total cost of electricity purchased during the year by the manufacturing industries, of Ontario in 1928 totalled \$14,047,434 as compared with \$12,584,612 in 1927.

Table 7. - Power Equipment in the Province of Ontario by Groups of Industries, 1928.

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.	Electric Motors			Total power equipment for m'f'g. purposes H.P.
					Operated by purchased power H.P.	Operated by power generated by establishments. H.P.	Total Electric motors H.P.	
Vegetable products	24,624	7,927	23,324	55,875	124,708	11,026	135,734	180,583
Animal products	11,436	647	206	12,289	37,018	1,451	38,469	49,307
Textiles and textile products	9,932	994	9,015	19,941	51,478	6,999	58,477	71,419
Wood and paper products	136,476	4,370	211,513	352,359	228,981	106,417	335,398	581,340
Iron and its products	58,608	19,725	4,402	82,735	190,898	39,716	230,614	273,633
Non-ferrous metal products	5,030	155	4,400	9,585	98,425	4,396	103,121	108,310
Non-metallic mineral products 2/	8,994	1,354	4,423	14,771	59,136	7,243	66,379	73,907
Chemicals and allied products	11,121	268	-	11,389	28,611	1,739	30,350	40,000
Miscellaneous industry products	4,759	12	-	4,771	23,120	50	23,170	27,891
Central electric station industry	40,423	743	1,562,623	1,603,789	-	-	-	1,603,789
Total of groups	311,403	36,195	1,819,906	2,167,504	842,675	179,037	1,021,712	2,167,504

1/ Loss horse power rating of motors in preceding groups operated by power purchased from the Central Electric Station group.

2/ The figures for electric motors in 1926 have been revised: The totals for that year included the number and rating of electric motors reported by one of the manufacturers of artificial abrasives. The corrected figures for the non-metallic group of industries and for the totals of the groups in the province should read as follows:

	Electric Motors		Totals H.P.
	Operated by purchased power. H.P.	Operated by power generated by the establishments H.P.	
Non-metallic group	52,424	886	53,310
Total of groups in the provinces	751,076	143,792	894,868

MANUFACTURES OF ONTARIO.

Principal Statistics of Cities, Towns and Villages of Ontario, 1928.

Table 8 shows the principal industrial statistics for all cities, towns and villages having 3 or more establishments, whose production totalled one million dollars or over during 1928. The total gross value of production in the 123 urban centres amounted to \$1,775,342,136, in a total for the entire province of \$1,949,724,119 representing approximately 91.1 per cent. The value of manufactured products of the City of Toronto was 29.0 per cent of the total for the province.

Table 8.- Principal Statistics of 123 Cities, Towns and Villages in order of value of production, 1928.

City or Town	Estab- lish- ments No.	Capital \$	Employ- ees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products \$
Toronto	2,221	505,207,658	100,034	25,579,599	293,830,796	565,444,323
Hamilton	426	201,584,803	30,787	40,276,968	79,114,898	166,262,355
Oshawa	37	38,643,526	8,715	12,992,374	56,182,896	84,894,222
Ottawa	195	58,207,109	8,387	10,217,593	43,468,453	61,612,832
Kitchener	137	40,852,417	8,759	9,688,167	24,508,047	50,117,175
London	227	45,123,339	9,716	11,425,574	20,878,152	48,337,680
Ford City	10	45,139,262	7,051	13,590,633	26,807,710	44,293,223
Niagara Falls	61	41,931,035	3,113	4,420,295	18,498,194	38,729,880
Windsor	143	29,275,221	4,211	6,845,057	20,489,496	37,639,930
Peterborough	79	24,795,223	5,349	5,712,694	20,844,956	36,124,040
Brantford	101	60,061,627	7,714	8,600,204	16,439,312	32,273,886
New Toronto	12	23,263,688	3,357	4,736,182	19,766,829	31,114,973
Sarnia	41	21,274,999	2,507	3,788,580	17,917,152	27,123,165
Sault Ste Marie	46	63,677,529	2,483	4,430,913	12,265,859	26,980,517
Walkerville	55	30,800,940	3,116	5,150,993	13,149,690	25,050,109
Welland	41	27,274,192	2,892	3,419,779	10,443,339	19,901,087
Port Colborne	16	10,891,290	752	1,048,924	16,971,662	19,894,201
Guelph	92	18,270,653	4,515	4,804,929	9,542,111	19,595,669
St. Catharines	100	19,746,301	3,965	4,663,401	7,699,563	17,584,863
Leaside	7	16,554,423	1,361	2,302,186	11,350,055	16,017,743
Galt	79	17,291,666	3,932	4,329,550	7,212,355	15,135,908
Chatham	52	14,689,267	2,371	2,902,256	8,673,311	14,568,023
Keewatin	3	6,696,954	364	482,804	12,874,723	14,540,450
Cornwall	43	22,268,591	4,233	3,968,273	6,273,735	14,353,376
Stratford	62	10,932,925	3,249	3,870,933	6,947,049	13,300,646
Thorold	16	25,813,140	1,456	2,289,750	5,089,092	13,072,881
Woodstock	60	12,877,185	2,863	3,019,814	6,516,122	12,250,714
Iroquois Falls	3	28,541,009	1,035	2,000,939	2,142,590	10,139,984
Brockville	33	7,137,127	972	1,031,566	7,428,380	9,983,856
Kenora	16	15,850,168	670	807,072	5,960,433	9,441,470
Wallaceburg	20	8,202,594	979	1,308,493	6,390,989	9,338,742
Fort William	36	29,232,205	1,089	1,201,109	4,746,311	8,574,384
Waterloo	34	11,285,286	1,504	1,693,740	3,596,130	7,928,589
Fort Frances	14	14,325,393	968	1,239,231	3,193,361	7,780,200
Port Arthur	20	17,959,029	1,360	1,867,022	2,325,283	7,285,839
Preston	33	6,787,066	1,633	1,870,778	3,232,398	6,725,901
Fergus	13	1,352,262	646	749,588	2,497,173	6,723,388
Belleville	53	9,857,805	1,371	1,424,341	1,862,661	6,289,735
Kingston	60	14,451,763	1,455	1,692,387	3,423,623	6,221,074
Owen Sound	53	7,064,013	1,822	1,733,978	2,747,326	5,812,280
Goderich	20	2,250,686	341	339,623	4,317,270	5,372,029
St. Thomas	46	4,088,079	1,145	1,127,900	3,030,095	5,305,064
Leamington	15	2,728,754	485	491,900	2,176,005	4,943,442
Simcoe	36	4,079,572	761	610,983	2,751,673	4,719,969
Huntsville	13	4,180,390	452	427,289	3,256,994	4,677,867
Hawsbury	13	6,954,198	849	957,900	2,365,128	4,606,395
Paris	20	5,024,135	1,125	1,081,812	2,123,958	4,215,741
Hespeler	15	5,375,714	1,058	1,110,144	2,053,432	4,109,518
St. Marys	22	4,973,963	499	594,756	2,106,984	4,097,910

MANUFACTURES OF ONTARIO

Table 8.- Principal Statistics of 123 Cities, Towns and Villages in order of value of production, 1928 - Cont'd.

City or Town	Estab- lish- ments No.	Capital \$	Emplo- ees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products \$
Bowmanville	19	4,608,370	675	647,472	1,860,218	4,069,339
Kapuskasing	6	30,144,894	886	1,290,870	1,530,920	4,047,719
Midland	19	4,210,535	608	663,072	2,658,391	3,968,378
Pembroke	36	5,510,263	1,131	759,552	2,040,552	3,904,038
Weston	13	4,346,507	885	1,066,870	1,615,344	3,764,866
Newmarket	18	2,284,581	640	690,083	1,614,996	3,715,826
Renfrew	20	4,291,847	672	745,995	1,947,835	3,672,518
Elmira	14	2,330,117	659	674,549	1,392,273	3,655,480
Ingersoll	26	3,790,792	694	801,750	1,807,934	3,543,410
Chippewa	3	906,681	189	284,787	653,828	3,498,054
Sandwich	11	4,602,101	838	1,249,663	752,727	3,484,125
Cardinal	8	3,209,475	273	382,807	2,500,897	3,478,429
Orillia	38	5,354,318	1,123	1,112,461	1,598,039	3,317,887
Acton	14	3,077,049	451	408,054	2,299,953	3,284,594
Bridgeburg	23	2,971,856	524	637,841	1,474,620	3,254,990
Petrolia	15	1,982,520	184	240,798	1,861,145	3,071,001
Brampton	21	2,414,491	897	872,988	1,362,331	3,052,789
Perth	23	3,726,893	698	795,629	1,189,067	2,976,078
Dundas	21	4,363,888	749	967,279	1,372,436	2,909,262
Merritton	8	4,164,085	482	711,319	1,179,369	2,900,245
Bracebridge	20	3,129,733	422	335,804	1,998,875	2,849,068
Oakville	19	1,643,927	423	481,301	1,670,530	2,841,663
Gananoque	24	2,995,976	635	723,356	1,255,147	2,763,802
Hanover	15	3,082,798	675	704,112	1,270,343	2,654,300
Aurora	7	1,183,262	417	399,081	1,702,026	2,544,130
Tilsonburg	23	1,962,101	499	455,471	1,578,091	2,539,371
Georgetown	19	2,735,850	559	511,610	1,446,031	2,459,203
Sudbury	26	4,442,397	388	460,844	1,090,742	2,399,956
Port Hope	30	3,600,872	665	879,701	765,611	2,384,062
Blind River	7	6,707,419	377	471,089	1,604,102	2,334,045
Cobourg	25	2,650,434	418	433,420	1,131,534	2,330,646
Lindsay	35	2,748,682	450	460,511	1,284,105	2,320,823
Amherstburg	9	10,128,834	239	376,116	313,590	2,277,049
Smith's Falls	21	3,919,497	687	768,225	1,149,012	2,238,994
Aylmer	9	1,877,278	198	192,888	1,303,467	2,118,317
Barrie	19	1,673,350	325	372,181	1,398,987	2,082,557
Carleton Place	19	2,331,893	598	570,440	955,679	2,054,141
Dunnville	20	2,308,480	634	641,709	1,037,174	2,037,224
Port Credit	4	2,277,701	193	229,722	1,328,063	2,022,997
Trenton	27	2,960,316	564	477,020	972,468	2,002,782
Arncliffe	16	4,125,332	518	581,295	1,147,542	1,977,759
Napanee	20	1,382,703	319	321,377	1,066,669	1,917,149
Port Dalhousie	5	1,215,217	486	468,196	516,019	1,906,522
Chesterville	8	942,583	157	207,661	1,254,932	1,873,710
Cobalt	8	15,917,457	212	368,367	64,638	1,863,018
Timmins	16	12,657,601	141	178,008	79,344	1,776,259
Tilbury	9	795,042	337	424,150	832,988	1,773,356
Listowel	19	851,547	360	351,226	894,768	1,642,942
Dryden	7	5,095,469	322	407,127	585,357	1,620,628
Campbellford	28	2,008,915	355	326,652	955,427	1,612,267
Caledonia	10	965,785	221	256,454	740,167	1,610,884
Kincardine	12	1,672,585	427	404,020	665,029	1,493,207
Almonte	17	1,554,096	491	400,669	814,401	1,491,934
Meaford	16	1,448,340	330	304,984	1,008,614	1,478,754
Strathroy	16	1,459,759	314	299,800	825,411	1,456,858
Tavistock	13	499,248	182	150,260	1,126,715	1,437,779
Milton	17	3,020,191	359	414,272	482,919	1,432,058

MANUFACTURES OF ONTARIO

Table 8.- Principal Statistics of 123 Cities, Towns and Villages in order of value of production, 1928 - Cont'd.

City or Town	Estab- lish- ments	Capital	Employ- ees	Salaries and Wages	Cost of Materials	Value of Products
	No.	\$	No.	\$	\$	\$
North Bay	23	1,510,091	303	347,459	739,021	1,413,206
Sturgeon Falls	9	210,647	327	449,419	739,177	1,389,862
Ayr	7	887,612	104	106,789	655,153	1,358,772
Wingham	17	946,755	266	272,168	769,643	1,309,804
Collingwood	23	4,667,642	325	355,864	650,934	1,280,331
Picton	27	1,271,826	282	161,750	724,592	1,264,473
Chesley	12	973,953	356	343,818	498,415	1,238,164
New Liskeard	17	1,501,780	280	338,390	611,743	1,232,879
Elora	9	946,739	308	324,012	384,233	1,172,601
Frankford	10	2,342,382	210	154,546	669,495	1,159,757
Woodbridge	5	725,936	149	168,192	838,975	1,146,845
Cache Bay	3	875,927	189	199,496	753,041	1,137,190
Walkerton	21	1,598,373	324	294,643	594,564	1,115,016
Grimsky	14	959,677	362	268,502	541,762	1,083,697
Penetanguishene	14	1,374,174	348	353,007	413,390	1,071,766
Prescott	16	1,059,766	271	221,824	474,055	1,035,310
New Hamburg	12	985,719	252	226,823	568,722	1,002,759
Total - 123 Cities, towns, etc.	6,138	1,885,349,775	292,161	365,236,011	948,840,546	1,775,342,136
Total, all industries in Ontario	9,900	2,275,921,056	320,729	391,375,947	1,034,501,240	1,949,724,119
Per cent of 123 cities towns, etc. to totals for the province	62.00	82.79	91.09	93.32	91.72	91.06

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