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

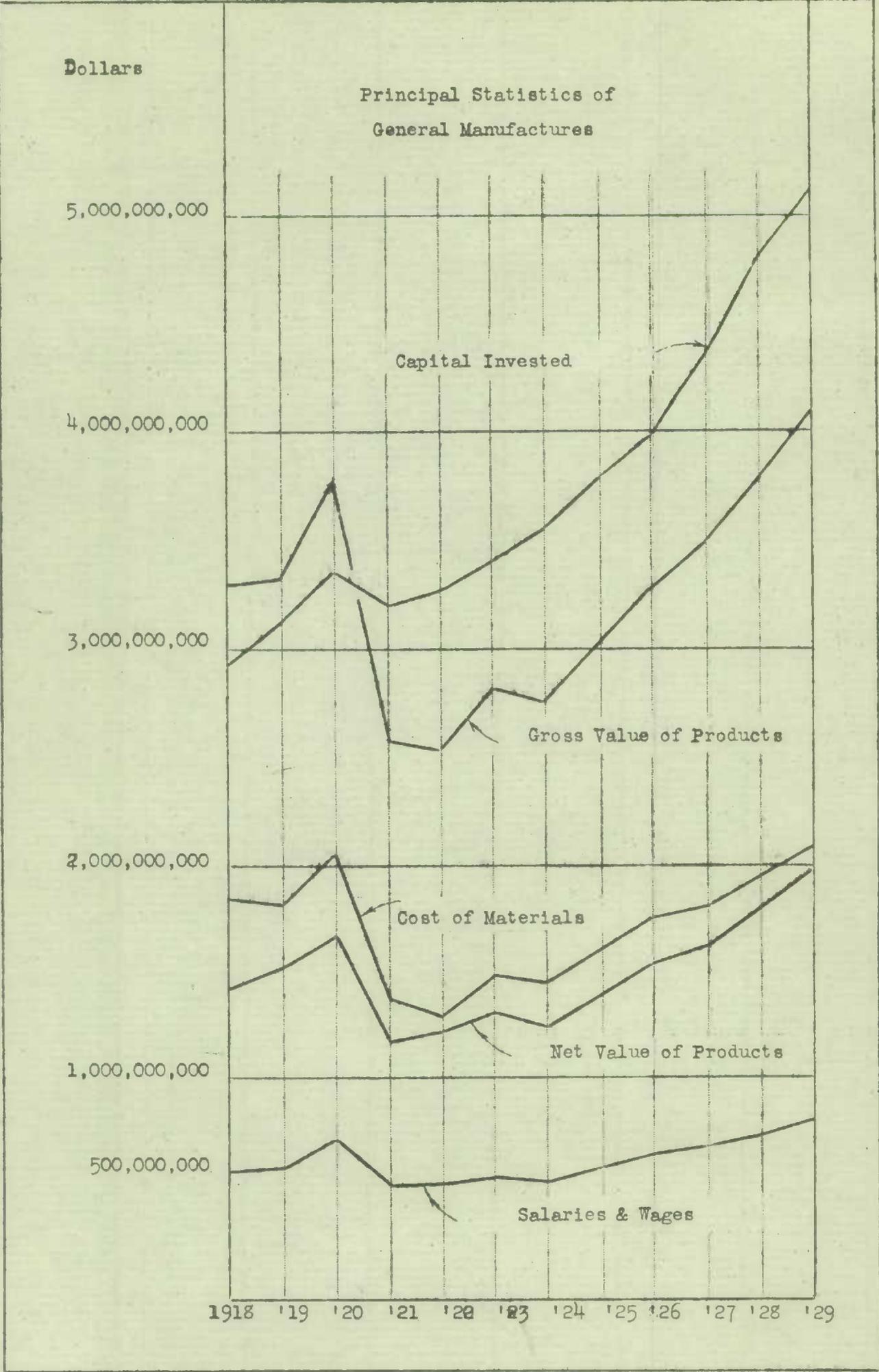
REPORT
on the
MANUFACTURING INDUSTRIES
of
CANADA
1929

Published by Authority of the Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce

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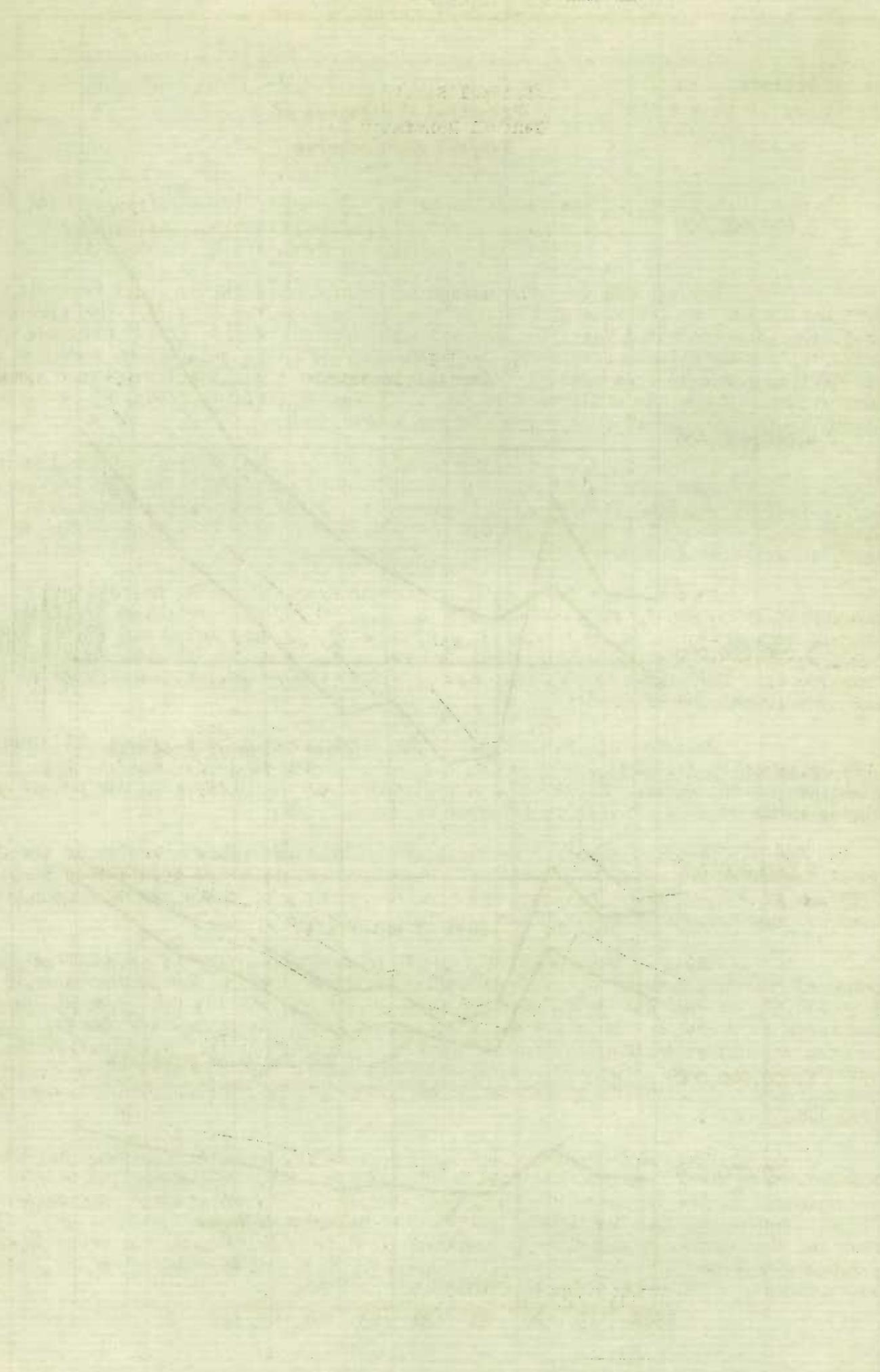
OTTAWA

1931



PLANTING SCHEDULE

1950-1951



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

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

MANUFACTURES OF CANADA, 1929.

Ottawa, July, 1931.- The report on the manufacturing industries of Canada for the year 1929, is herewith presented, the principal statistical features of which are outlined below:-

Establishments.- The number of individual establishments reporting in 1929 was 23,597, an increase of 218 from the number reported in 1928. The vegetable products group accounted for 160, the wood and paper group 115, whilst iron and steel products, non-metallic minerals and the miscellaneous group each had an increase of 10. The textile group follows next in order with a gain of 6 and the non-ferrous metals last with 2. There was a decrease of 52 in the animal products group, 25 in central electric stations and 18 in the chemical products group.

Capital Investment.- The total capital invested in Canadian manufacturing industries rose from \$4,780,296,049 in 1928 to \$5,083,014,754 in 1929, an increase during the year of \$302,718,705 or 6.33 per cent. Fixed capital increased from \$3,142,419,861 in 1928 to \$3,377,590,099 in 1929, while working capital increased from \$1,637,876,188 to \$1,705,424,655.

Employment.- The number of persons employed in the manufacturing industries of Canada in 1929 was 694,434, of whom 96,607 were salaried employees, and 597,827 wage-earners. Of the salaried employees 73,792 were males and 22,815 were females, while of the wage-earners 468,043 were males and 129,784 were females. Compared with 1928 there was an increase in the number of salaried employees of 5,364 and in wage-earners of 31,047.

Salaries and Wages Paid.- The total payments for labour and service in 1929 amounted to \$813,049,842 of which \$188,747,672 was paid for salaries and \$624,302,170 for wages. Compared with 1928 there was an increase in the amount paid for salaries of \$13,976,793 and in wages of \$43,873,677.

Materials Used.- The total cost of all materials, whether in the raw or partly manufactured condition, used in the various processes of manufacture during 1929 was \$2,066,636,914. Compared with the preceding year there was an increase in the cost of materials of \$115,832,575 or nearly 6.0 per cent.

Value of Products.- The gross value of manufactured products at the point of production amounted to \$4,063,987,279 in 1929, which was an increase of \$294,136,915 or 7.80 per cent, when compared with 1928. Of the nine groups, all show increases in value of production with the exception of the Animal and Chemical products groups, which show a combined decline amounting to \$15,690,755. A comparison by provinces shows that increases were reported by all of the nine provinces, Ontario leading with \$153,366,669, Quebec being next with \$87,450,701 and Saskatchewan third with \$21,375,879.

The value added by manufacture is obtained by subtracting the cost of the materials used from the gross value of products. This difference represents the value added to the raw materials by labour and it is this value which the employer of labour uses to pay for the labour itself, the overhead expenses, profits, etc. The cost of the materials used in 1929 amounted to \$2,066,636,914 and the gross value of products to \$4,063,987,279, leaving the value added by manufacture at \$1,997,350,365, an increase of \$178,304,340, as compared with 1928.

MANUFACTURES OF CANADA, 1929.

A comparative study of the principal statistics of the manufacturing industries of Canada for the past two years is afforded in Table 1, which shows the increases and decreases in 1929 as compared with 1928.

Table 1.- Principal Statistics compared for 1928 and 1929.

Items		1929	1928	Increase (+) or Decrease (-) 1929 over 1928.
Establishments	No.	23,597	23,379	+ 218
Capital invested	\$	5,083,014,754	4,780,296,049	+ 302,718,705
Average capital per establishment	\$	215,409	204,469	+ 10,940
Employees on salaries	No.	96,607	91,243	+ 5,364
Salaries	\$	188,747,672	174,770,879	+ 13,976,793
Average salaries	\$	1,954	1,915	+ 39
Employees on wages	No.	597,827	566,780	+ 31,047
Wages	\$	624,302,170	580,428,493	+ 43,873,677
Average Wages	\$	1,045	1,024	+ 21
Outside piece workers	No.	2,288	3,021	- 733
Payments to piece workers	\$	407,638	456,766	- 49,128
Cost of materials	\$	2,066,636,914	1,950,804,339	+ 115,832,575
Average cost of materials per establishment	\$	87,580	83,442	+ 4,138
Value of Products	\$	4,063,987,279	3,769,850,364	+ 294,136,915
Average value of products per establishment	\$	172,225	161,249	+ 10,976
Value added by manufacture	\$	1,997,350,365	1,819,046,025	+ 178,304,340

STATE OF TEXAS

COUNTY OF _____

THIS _____ DAY OF _____ 19__

I, _____

(a) Name of the Debtor (b) Address (c) City (d) State	(e) Amount of Debt	(f) Date of Maturity	(g) Name of Creditor
100	100.00	12/31/1911	John A. Smith
200	200.00	12/31/1911	John A. Smith
300	300.00	12/31/1911	John A. Smith
400	400.00	12/31/1911	John A. Smith
500	500.00	12/31/1911	John A. Smith
600	600.00	12/31/1911	John A. Smith
700	700.00	12/31/1911	John A. Smith
800	800.00	12/31/1911	John A. Smith
900	900.00	12/31/1911	John A. Smith
1000	1000.00	12/31/1911	John A. Smith
1100	1100.00	12/31/1911	John A. Smith
1200	1200.00	12/31/1911	John A. Smith
1300	1300.00	12/31/1911	John A. Smith
1400	1400.00	12/31/1911	John A. Smith
1500	1500.00	12/31/1911	John A. Smith
1600	1600.00	12/31/1911	John A. Smith
1700	1700.00	12/31/1911	John A. Smith
1800	1800.00	12/31/1911	John A. Smith
1900	1900.00	12/31/1911	John A. Smith
2000	2000.00	12/31/1911	John A. Smith

MANUFACTURES OF CANADA, 1929

Table 2. presents the principal statistics of the manufacturing industries of Canada for the calendar year 1929 by provinces and by groups of industries classified according to chief component materials. The province of Ontario ranks first in production with 51.75 per cent of the total for the Dominion, Quebec being second with 28.56 per cent, whilst the remaining provinces follow in the order named;- British Columbia 6.81 per cent, Manitoba 4.06 per cent, Alberta 2.65 per cent, Nova Scotia 2.32 per cent, Saskatchewan 1.98 per cent, New Brunswick 1.76 per cent and Prince Edward Island 0.11 per cent.

In the industrial group classification first place is taken by the Vegetable products group with 18.98 per cent of the total of all groups. Iron and its products group is second with 18.16 per cent, wood and paper products third with 17.86 per cent, animal products fourth with 11.75 per cent, textile products fifth with 10.49 per cent followed in order by the non-ferrous metal group with 6.97 per cent, the non-metallic mineral group with 5.96 per cent, the central electric stations with 3.88 per cent, the chemical products group with 3.41 per cent, and the miscellaneous group last with 2.54 per cent.

Table 2.- Summary of the Principal Statistics of the Manufacturing Industries of Canada, 1929 - (a) By Provinces
(b) By Groups of Industries.

	No. of Establishments	Capital	Employees on Salaries			Employees on Wages			Cost of Materials	Gross Value of Products
			Male	Female	Salaries	Male	Female	Wages		
(a) By Provinces	No.	\$	No.	No.	\$	No.	No.	\$	\$	
CANADA, Totals	23,597	5,083,014,754	73,792	22,815	188,747,672	468,043	129,784	624,302,170	2,066,636,914	4,063,987,279
Prince Edward Island	276	3,489,934	170	36	199,201	1,175	752	582,247	2,864,831	4,638,725
Nova Scotia	1,195	135,662,325	1,381	401	3,073,700	15,580	3,604	14,851,490	51,506,523	94,292,816
New Brunswick	860	117,965,970	1,355	384	3,157,674	13,123	3,655	12,554,648	40,453,535	71,433,966
Quebec	7,156	1,673,011,042	21,282	5,575	53,383,006	137,369	49,241	180,420,666	543,240,589	1,160,612,992
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
Manitoba	923	173,152,948	3,415	953	8,287,809	18,076	3,874	25,870,774	89,158,381	164,909,127
Saskatchewan	761	58,877,124	1,808	337	3,644,495	5,412	490	6,794,264	51,208,827	80,501,159
Alberta	817	107,648,028	1,878	476	4,185,508	9,713	1,681	12,274,530	63,432,924	107,556,792
British Columbia and Yukon	1,699	394,866,933	4,726	1,058	11,323,409	39,217	6,378	50,656,698	144,664,706	276,950,914
(b) By Industrial Groups										
Totals	23,597	5,083,014,754	73,792	22,815	188,747,672	468,043	129,784	624,302,170	2,066,636,914	4,063,987,279
Vegetable products	5,005	569,064,835	9,471	2,876	24,659,299	51,529	24,982	68,640,366	427,019,724	771,457,665
Animal products	4,490	243,825,065	8,707	1,954	16,921,301	41,209	15,800	45,160,122	345,351,882	477,761,855
Textiles and textile products	1,891	383,153,797	6,635	3,391	19,555,354	42,178	63,416	86,340,883	220,304,250	426,247,587
Wood and paper products	7,405	1,152,075,234	16,284	4,958	43,373,770	131,804	11,754	148,861,678	314,203,289	725,819,740
Iron and its products	1,169	854,989,105	12,363	3,542	33,405,489	113,031	3,345	153,523,211	384,925,660	738,012,980
Non-ferrous metal products	408	298,721,106	5,608	2,017	14,285,983	27,456	4,786	40,215,823	124,900,632	283,545,666
Non-metallic mineral products	1,188	329,448,844	3,212	763	7,838,959	26,526	930	33,672,887	117,149,130	242,023,518
Chemicals and chemical products	554	165,886,912	3,286	1,280	9,527,502	9,390	2,738	13,111,947	55,184,337	138,545,221
Miscellaneous industries	463	130,118,324	2,721	725	7,667,233	15,570	2,033	21,456,214	42,982,071	103,073,662
Central Electric Stations	1,024	1,055,731,538	5,505	1,309	11,512,782	9,350	-	13,319,039	34,615,939	157,499,385

1/ Cost of electric energy purchased by Central Electric Stations from central electric stations for resale.

MANUFACTURES OF CANADA, 1929.

Table 3 presents a classification of the manufacturing industries of Canada classified according to the origin of the materials used. Products of farm origin in 1929 were valued at \$1,411,245,651 and represented 35 per cent of the total of all production. The principal items of Canadian farm origin were:- Flour and cereals (\$181,148,689), Meats, etc. (\$185,842,902), Butter and cheese (\$126,703,195), Bread, biscuits and confectionery (\$139,717,267), Tobacco, cigars, etc. (\$85,165,206) and Boots and shoes of leather (\$48,627,590), whilst those of Foreign origin were cotton goods (\$78,241,765) Sugar (\$47,151,960), rubber goods (\$76,934,660) and coffee and spices (\$27,971,790).

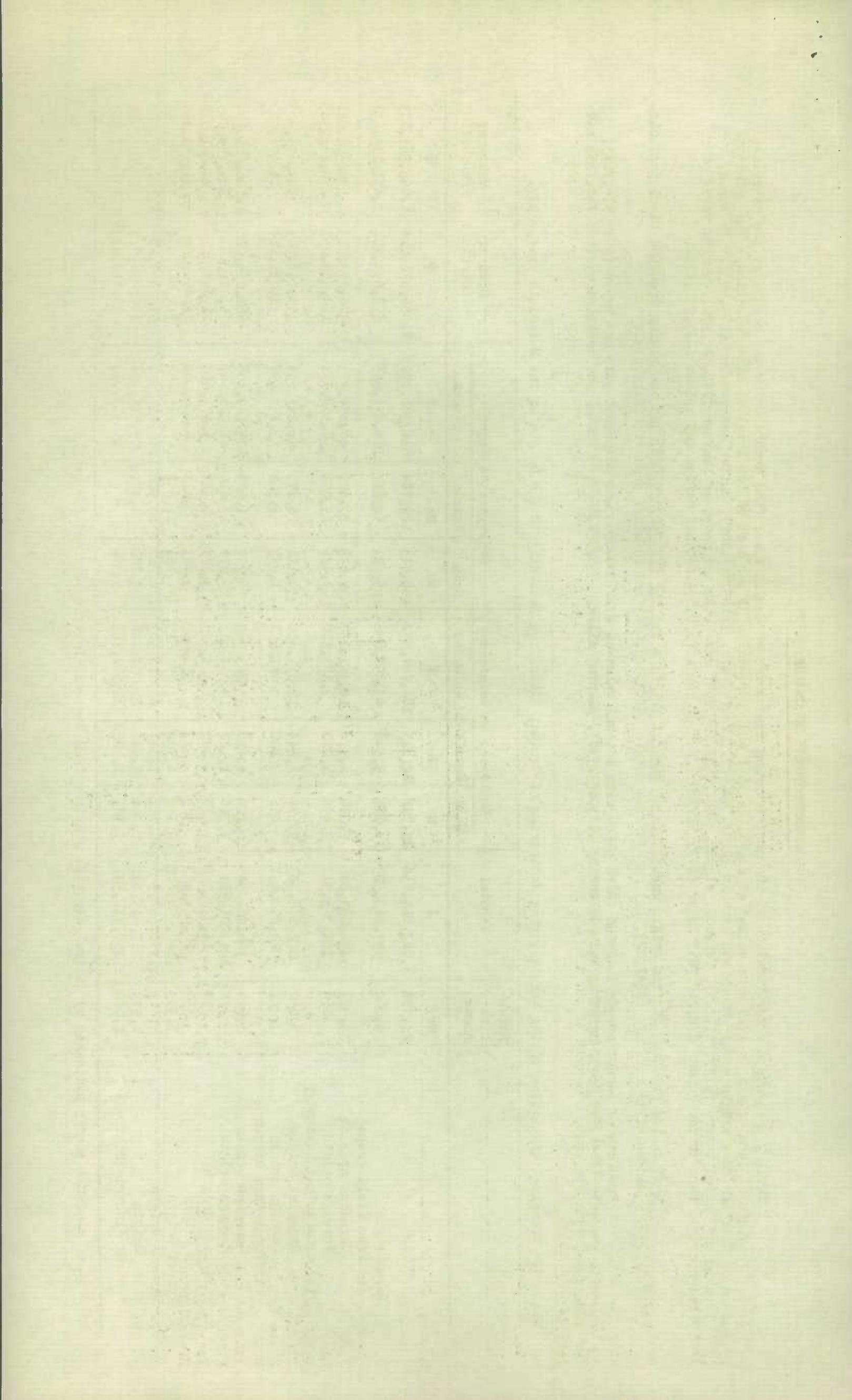
Next to the products of farm origin were those of mineral origin totalling (\$1,392,499,868) and comprising iron and steel products (\$738,012,980), non-metallic minerals (\$242,023,518) non-ferrous metals (\$283,545,666) and chemical products (\$115,054,739).

Products of forest origin occupied third place with a total value of \$722,267,066, and comprised pulp and paper (\$243,970,761), saw-mill products (\$146,989,564), printing and publishing (\$73,673,338), planing mills, (\$56,592,008), printing and bookbinding (\$43,748,715) and furniture, (\$44,136,176).

Table 3.- Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Materials Used, 1929.

	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.	\$	\$	
TOTAL	23,597	5,083,014,754	73,792	22,815	188,747,672	468,043	129,784	624,302,170	2,066,636,914	4,063,987,279
1. Farm Origin	9,064	997,663,523	19,974	5,540	47,257,896	105,823	54,717	144,874,655	858,697,207	1,411,245,651
(a) from field crops										
Canadian origin	4,893	436,282,846	7,026	2,174	18,341,257	37,633	20,401	48,894,273	326,292,523	598,311,861
Foreign origin	298	260,923,317	3,499	1,020	9,397,210	27,426	15,057	38,568,552	170,550,057	290,763,385
(b) from Animal husbandry										
Canadian origin	3,850	272,178,703	9,194	2,244	18,851,828	39,111	16,897	54,253,635	355,763,503	507,694,323
Foreign origin	23	28,278,657	255	102	667,601	1,653	2,362	33,158,195	6,091,124	14,476,080
(c) Total Farm Origin										
Canadian origin	8,743	708,461,549	16,220	4,418	37,193,085	76,744	37,298	103,147,908	682,056,026	1,106,006,184
Foreign origin	321	289,201,974	3,754	1,122	10,064,811	29,079	17,419	41,726,747	176,641,181	305,239,465
2. Wild Life Origin	234	14,338,686	476	200	1,309,655	1,779	1,312	3,473,668	12,847,817	20,861,039
3. Marine Origin	730	28,644,442	583	77	951,669	9,493	6,214	4,460,186	21,496,859	34,966,260
4. Forest Origin	7,353	1,148,558,242	16,168	4,902	43,094,619	131,151	11,642	147,949,688	313,088,964	722,269,066
5. Mineral Origin	3,219	1,550,662,908	24,042	7,263	63,616,303	176,666	10,908	240,411,500	678,683,203	1,392,499,868
6. Mixed Origin	1,973	287,415,421	7,044	3,524	21,004,748	33,781	44,991	69,813,434	147,206,925	324,646,012
7. Central Electric Stations	1,024	1,055,731,532	5,505	1,309	11,512,782	9,350	-	13,319,039	34,615,939 ^{1/}	157,499,385

1/ Cost of electric energy purchased by central electric stations from central electric stations for resale.



MANUFACTURES OF CANADA, 1929.

A presentation of the manufacturing industries based on the purpose of the chief product is given in Table 4.

Ranked in order of the value of gross production, producers' materials stand first with a total value of \$1,151,390,753 or 28.3 per cent, followed by the food group with a total of \$837,986,384 or 20.6 per cent, the industrial equipment group third, with a total of \$772,327,141 or 19.0 per cent and the clothing group fourth, with a total of \$363,011,970 or 8.9 per cent.

An analysis of the relative standing of the two purpose groups of more general interest is here presented. The food group of industries has a gross production of 20.6 per cent of the output of all Canadian manufacturing concerns as compared with 8.9 per cent for the clothing group. It will be noted that the much greater production in the food group was in part due to the higher cost of raw materials in that group as compared with the cost of such materials in the clothing group. The clothing group maintains a larger payroll than the food group despite the fact that a smaller output was recorded than for the food group, the anomaly being explained by the greater prevalence of female labour in the clothing group. The total amount of the payroll in each of the two groups to the total of all groups of industries was 10.8 per cent for the food group and 12.4 per cent for the clothing group.

Table 4.- Principal Statistics of the Manufacturing Industries of Canada, classified according to the Purpose of the Principal Products, for the calendar year 1929.

	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.	\$	\$	
TOTAL	23,597	5,083,014,754	73,792	22,815	188,747,672	468,043	129,784	624,302,170	2,066,636,914	4,063,987,279
Food	8,351	463,984,558	11,791	2,968	24,894,710	57,069	22,879	63,665,326	597,396,238	837,986,384
Clothing	2,054	250,215,736	7,031	3,646	19,821,582	38,122	57,842	81,041,823	176,130,224	363,011,970
Drink and tobacco	599	201,365,785	2,859	653	7,901,402	9,984	5,480	13,768,974	65,440,053	208,968,998
Personal Utilities	380	56,155,234	1,561	730	4,366,265	6,679	2,178	9,229,066	29,389,246	61,191,750
House Furnishings	600	76,185,921	1,771	626	5,233,484	16,380	2,080	18,015,291	34,293,465	77,811,331
Books and Stationery	1,917	144,222,275	7,669	2,985	19,847,389	20,957	6,530	36,155,794	45,384,362	155,947,960
Vehicles and Vessels	781	310,942,038	5,360	1,214	14,138,519	53,530	1,731	77,100,666	243,258,350	407,947,648
Producers' Materials	6,210	1,772,309,696	16,202	3,809	44,757,202	181,067	21,026	212,476,125	523,139,599	1,151,390,753
Industrial Equipment	2,600	1,774,844,446	19,030	5,949	46,902,542	81,865	9,242	109,749,421	339,197,388	772,327,141
Miscellaneous	105	32,789,065	518	235	1,484,577	2,390	796	3,099,684	13,007,989	27,403,344

MANUFACTURES OF CANADA, 1929

Table 5. - Principal Statistics compared 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		
<u>1928</u>	No.	\$	No.	No.	\$	No.	No.	\$	\$	
Vegetable Products	4,845	531,918,725	9,035	2,755	22,902,282	48,675	23,299	65,217,060	439,922,128	756,995,585
Animal Products	4,542	243,550,121	8,764	2,008	16,892,279	41,627	15,378	45,058,352	351,324,498	485,021,994
Textiles and Textile Products	1,885	365,721,591	6,517	3,234	19,085,001	41,156	62,817	84,366,324	223,730,616	415,402,464
Wood and Paper Products	7,290	1,158,651,534	15,351	4,601	40,361,890	126,820	11,233	138,882,808	293,159,913	682,549,865
Iron and Steel Products	1,159	702,931,186	11,488	3,314	30,307,217	101,159	3,238	138,012,821	309,618,074	609,632,999
Non-ferrous metal Products	406	253,367,370	5,003	1,749	12,748,626	24,692	4,124	34,749,216	98,746,019	237,966,927
Non-metallic mineral Products	1,178	298,693,122	2,996	654	6,983,637	24,251	749	30,152,814	93,683,873	206,082,141
Chemicals and chemical Products	572	148,939,920	3,294	1,217	8,579,680	8,826	2,793	11,710,737	74,163,334	146,975,837
Miscellaneous Industries	453	119,602,877	2,407	642	6,451,109	14,342	1,960	18,650,099	35,090,248	85,530,097
Central Electric Stations	1,049	956,919,603	5,003	1,211	10,459,158	9,641	-	13,628,262	31,365,636 ^{1/}	143,692,455
T O T A L	23,379	4,780,296,049	69,858	21,385	174,770,879	441,189	125,591	580,428,493	1,950,804,339	3,769,850,364
<u>1929</u>										
Vegetable Products	5,005	569,064,835	9,471	2,876	24,659,299	51,529	24,982	68,640,366	427,019,724	771,457,665
Animal Products	4,490	243,825,065	8,707	1,954	16,921,301	41,209	15,800	45,160,122	345,351,882	477,761,855
Textiles and Textile Products	1,891	383,153,797	6,635	3,391	19,555,354	42,178	63,416	86,340,883	220,304,250	426,247,587
Wood and Paper Products	7,405	1,152,075,234	16,284	4,958	43,373,770	131,804	11,754	148,861,678	314,203,289	725,819,740
Iron and Steel Products	1,169	754,989,105	12,363	3,542	33,405,489	113,031	3,345	153,523,211	384,925,660	738,012,980
Non-ferrous metal Products	408	298,721,106	5,608	2,017	14,285,983	27,456	4,786	40,215,823	124,900,632	283,545,666
Non-metallic mineral Products	1,188	329,448,844	3,212	763	7,838,959	26,526	930	33,672,887	117,149,130	242,023,518
Chemicals and chemical Products	554	165,886,912	3,286	1,280	9,527,502	9,390	2,738	13,111,947	55,184,337	138,545,221
Miscellaneous Industries	463	130,118,324	2,721	725	7,667,233	15,570	2,033	21,456,214	42,982,071	103,073,662
Central Electric Stations	1,024	1,055,731,532	5,505	1,309	11,512,782	9,350	-	13,319,039	34,615,939 ^{1/}	157,499,385
T O T A L	23,597	5,083,014,754	73,792	22,815	188,747,672	468,043	129,784	624,302,170	2,066,636,914	4,063,987,279

^{1/} Cost of Electric energy purchased by central electric stations from central electric stations for resale.

MANUFACTURES OF CANADA, 1929.

Consumption of Manufactured Products, 1929

The consumption of manufactured products is made possible by the placing of the classification of external trade and production on a common basis. Table 6. gives the value of goods manufactured in Canada (Col. 1) which added to the value imported for consumption (Col. 2) less the exports of manufactured and partly manufactured goods (Col. 3) leaves the value of manufactured products available for consumption (Col. 4). In 1929 Iron and Steel Products were first in value of goods made available for consumption with Vegetable products and textiles in second and third position. The total for all groups available for consumption amounted to \$4,308,378,487 in 1929 as compared with \$4,022,000,585 in 1928, \$3,605,668,962 in 1927 and \$3,343,397,137 in 1926. It should be observed that considerable duplication occurs in the value of manufactured products where several processes are performed upon a commodity before it is ready for ultimate use.

Table 6.- Consumption of Manufactured Products in Canada, for the calendar year 1929.

	Value of Manufactured Goods	Manufactured and partly manufactured Goods (fiscal year ended March 31.)		Value of Products Available for Consumption
		Net Imports	Domestic Exports	
	\$	\$	\$	\$
Vegetable Products	771,457,665	125,010,477	122,902,659	773,565,483
Animal Products	477,761,855	44,425,795	64,802,581	457,385,069
Textile Products	426,247,587	144,573,313	7,489,884	563,331,016
Wood and Paper Products	725,819,740	58,882,293	267,006,760	517,695,273
Iron and its Products	738,012,980	307,066,936	78,571,009	966,508,907
Non-ferrous Metal Products	283,545,666	82,132,716	99,113,024	266,565,358
Non-metallic Mineral Products	242,023,518	69,391,244	8,491,908	302,922,854
Chemicals and allied Products	138,545,221	39,343,858	22,468,462	155,420,617
Miscellaneous Industries	103,073,662	68,400,262	20,057,938	151,415,986
Central Electric Stations	157,429,385	96,693	4,028,154	153,567,924
T O T A L	4,063,987,279	939,323,587	694,932,379	4,308,378,487

Note:- Value of manufactured goods are for the calendar year 1929. Imports and exports of manufactured and partly manufactured goods are for the fiscal year ended March 31, 1930.

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The statistics of the forty leading industries of the Dominion are presented in Table 7. The pulp and paper industry now leads all others by the considerable margin of \$58,127,859 followed in order by the meatpacking and flourmilling industries. These forty industries employ 81,53 per cent of all capital used in the manufacturing industries of the Dominion and produce 79.56 per cent of the gross value of all goods made.

Table 7. - Principal Statistics of the Forty Leading Industries of Canada, 1929.

	Estab- lish- ments	Capital	Employees on Salaries			Employees on Wages			Cost of Materials	Gross Value of Products
			Male	Female	Salaries	Male	Female	Wages		
	No.	\$	No.	No.	\$	No.	No.	\$	\$	
1. Pulp and paper	108	644,773,806	3,104	634	9,391,901	29,595	869	40,822,544	96,874,749	243,970,761
2. Slaughtering and meatpacking	74	67,777,803	2,154	345	4,724,682	7,434	829	9,274,034	151,814,517	185,842,902
3. Flour and grist mill products	1,325	67,773,534	993	217	2,300,160	5,267	141	5,278,116	150,806,665	181,148,689
4. Automobiles	17	98,378,301	1,687	603	5,227,608	13,922	223	21,637,200	120,332,694	177,315,593
5. Central electric stations	1,024	1,055,731,532	5,505	1,309	11,512,782	9,350		13,319,039	34,615,939 ^{1/}	157,499,385
6. Sawmills	3,161	181,586,699	1,643	243	3,892,151	44,501	79	32,265,404	83,743,952	146,989,564
7. Butter and cheese	2,767	47,907,462	3,526	656	4,646,465	(2)7,449	241	8,062,961	93,861,458	126,703,195
8. Railway rolling stock	35	94,415,563	1,521	109	3,633,974	23,823	35	34,677,205	74,156,037	126,487,037
9. Electrical apparatus and supplies	139	101,767,108	3,593	1,452	8,886,486	12,352	3,564	17,838,729	49,623,322	113,796,002
10. Non-ferrous metal smelting	10	146,699,085	621	63	1,753,840	7,408	27	12,018,553	41,416,446	109,854,468
11. Petroleum products	25	71,260,459	445	65	1,253,174	4,444	24	6,900,451	76,861,939	99,408,314
12. Rubber goods, including footwear	44	73,877,478	1,751	508	4,156,968	11,415	4,122	15,977,533	42,940,747	96,934,660
13. Castings and forgings	336	102,900,796	2,000	647	5,768,144	20,467	329	25,086,510	35,994,441	91,575,146
14. Cotton yarn and cloth	36	95,542,319	575	120	1,612,847	11,369	8,157	15,058,940	43,133,575	78,841,765
15. Bread and other bakery products	2,568	48,969,603	846	428	1,784,168	13,632	2,117	16,697,444	38,507,559	77,214,466
16. Printing and publishing	767	65,736,238	4,965	1,805	11,478,893	8,626	1,564	14,928,311	16,424,412	73,673,338
17. Steel and rolled products, pig iron, ferro-alloys, etc.	45	109,446,529	597	115	1,746,020	10,479	27	16,788,661	32,514,596	72,231,995
18. Clothing, women's factory	461	25,087,862	1,163	792	3,802,392	4,011	11,058	13,326,029	34,558,860	66,346,417
19. Machinery	169	75,226,204	1,822	614	4,700,846	9,746	253	12,391,072	22,264,416	65,692,539
20. Cigars and cigarettes	72	34,025,963	1,009	294	2,374,525	1,659	3,420	3,360,727	17,012,776	64,331,500
21. Biscuits and confectionery	281	55,320,902	1,723	624	4,693,754	4,653	6,073	8,162,122	27,717,889	62,492,801
22. Breweries	78	70,390,147	768	116	2,384,418	3,909	46	4,749,838	19,135,208	62,260,921
23. Hosiery, knit goods and/gloves	168	66,489,608	771	491	2,694,053	5,873	12,474	13,600,483	31,193,505	61,097,752
24. Planing mills, sash and door factories	744	58,429,538	1,299	247	2,853,220	11,473	113	12,112,852	31,679,455	56,592,088
25. Sheet metal products	152	49,080,661	997	340	2,530,928	7,085	864	8,697,242	28,076,595	53,151,698

(1) Cost of electric energy purchased by central electric stations from central electric stations for resale.

(2) Includes "Salaried Employees" for the Province of Quebec.

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Table 7.- Principal Statistics of the Forty Leading Industries of Canada, 1929 (Cont'd.)

	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.	\$	\$	
25. Clothing, men's factory	205	28,493,549	1,009	411	2,596,523	4,811	5,275	10,774,894	25,653,973	50,580,168
27. Boots and shoes, leather	191	31,028,229	966	357	2,617,404	8,652	5,588	12,413,697	25,510,731	48,627,590
28. Sugar refineries	8	43,524,113	246	61	937,642	1,916	102	2,748,396	35,640,124	47,151,960
29. Furniture and upholstering	367	41,851,682	871	322	2,514,838	11,406	483	11,997,435	17,735,050	44,136,176
30. Distilleries	20	60,211,220	289	72	1,071,776	1,442	416	2,060,721	12,928,920	43,752,420
31. Printing and bookbinding	910	43,506,712	1,557	573	4,409,514	7,569	2,679	12,285,613	13,761,259	43,748,715
32. Agricultural implements	62	103,356,773	1,334	431	3,323,356	9,534	109	11,452,533	19,016,981	40,659,479
33. Coke and gas products	43	94,749,062	652	237	1,469,347	3,009	4	4,469,467	18,517,214	39,910,443
34. Brass and copper products	102	27,431,520	891	214	1,917,786	4,668	459	5,882,805	21,118,038	36,115,581
35. Fish curing and packing	730	28,644,442	583	77	951,669	9,493	6,214	4,460,186	21,496,859	34,966,260
36. Bridge building	10	28,895,206	921	107	2,599,382	3,949	-	6,338,045	14,557,679	34,179,488
37. Automobile supplies	65	19,401,890	401	129	1,178,742	3,578	300	5,532,692	19,045,836	31,965,078
38. Furnishing goods, men's	162	19,654,505	600	292	1,579,442	1,346	7,652	5,740,703	17,848,021	30,581,862
39. Acids, alkalies and salts	15	49,417,431	354	26	820,290	2,509	8	3,518,396	6,301,121	28,021,972
40. Coffee and spices	59	15,402,253	445	136	1,210,124	680	440	1,095,788	21,025,868	27,971,790
Total, forty leading industries	17,555	4,144,173,787	56,107	16,282	138,912,033	364,804	86,378	4,483,893,371	1,685,419,466	3,233,221,978
Total, all industries	23,597	5,083,014,754	73,792	22,815	188,747,672	468,043	129,784	624,302,170	2,066,636,914	4,063,987,279
Percentage of forty leading industries to all industries	74.40	81.53	76.03	71.37	73.60	77.94	66.56	77.50	81.55	79.56

MANUFACTURES OF CANADA, 1929.

Table 8.- Capital employed in the manufacturing industries of Canada, 1925-1929.

(a) By provinces.
(b) By Groups of Industries.

	Fixed Capital		Working Capital		Total Capital
	Number of establishments	Land, buildings, fixtures, machinery and tools	Materials on hand, stocks in process, finished products on hand	Cash, trading and operating accounts and bills receivable	
	No.	\$	\$	\$	\$
(a) By Provinces					
CANADA	23,597	3,377,590,099	878,783,691	826,640,964	5,083,014,754
Prince Edward Island	276	2,411,564	536,781	541,589	3,489,934
Nova Scotia	1,195	96,637,139	22,027,058	16,998,128	135,662,325
New Brunswick	860	75,098,124	21,493,818	21,374,028	117,965,970
Quebec	7,156	1,187,338,320	257,081,626	228,591,096	1,673,011,042
Ontario	9,910	1,509,541,499	457,935,862	450,863,089	2,418,340,450
Manitoba	923	123,274,605	25,918,365	23,959,978	173,152,948
Saskatchewan	761	38,024,102	13,536,924	7,316,098	58,877,124
Alberta	817	74,100,731	19,437,491	14,109,806	107,648,028
British Columbia and Yukon	1,699	271,164,015	60,815,766	62,887,152	394,866,933
(b) By Groups of Industries					
TOTAL	23,597	3,377,590,099	878,783,691	826,640,964	5,083,014,754
Vegetable products	5,005	302,983,088	180,566,214	105,515,533	569,064,835
Animal products	4,490	119,319,903	67,097,386	57,407,776	243,825,065
Textiles and textile products	1,891	193,841,995	99,212,392	90,099,410	383,153,797
Wood and paper products	7,405	793,066,939	188,938,055	170,130,240	1,152,075,234
Iron and its products	1,169	410,443,034	167,768,708	176,777,363	754,989,105
Non-ferrous metal products	408	164,109,880	61,010,346	73,600,880	298,721,106
Non-metallic mineral products	1,188	232,680,217	60,110,250	36,658,377	329,448,844
Chemicals and chemical products	554	93,291,653	33,289,770	39,305,489	165,886,912
Miscellaneous industries	463	66,350,928	30,180,651	33,586,745	130,118,324
Central electric stations	1,024	1,001,562,462	10,609,919	43,559,151	1,055,731,532
Total - capital investment					
1929	23,597	3,377,590,099	878,783,691	826,640,964	5,083,014,754
1928	23,379	3,142,419,861	836,980,419	800,895,769	4,780,296,049
1927	22,936	2,866,366,199	773,824,436	697,440,923	4,337,631,558
1926	22,708	2,626,963,690	722,451,467	632,154,433	3,981,569,590
1925	22,331	2,525,173,575	694,918,828	588,217,578	3,808,309,981

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The trend of employment in the manufacturing industries of Canada continued in an upward direction. A new high record was established in 1929 when an employment of 694,434 persons was reported. This compares with an employment of 544,225 in 1925 or an increase of 150,209 or 27.6 per cent for the five-year period. Another view of the trend employment is afforded by comparing the index number of employment in the manufacturing industries, by months, for the calendar years 1922-1929, as shown in Table 12. It should be noted that this index is compiled only from a selected list of manufacturers who send in returns every month, while the employment figures shown in Table 9. is the average ^{annual} employment of all manufacturing industries. An analysis of the average salaries and wages paid in each province as well as in each industrial group is also shown in Table 10.

Table 9.- Employment in the manufacturing industries of Canada, 1925-1929.

	Employees on Salaries			Employees on Wages			Total Employees	Salaries and Wages
	Male	Female	Salaries	Male	Female	Wages		
	No.	No.	\$	No.	No.	\$		
1929	73,792	22,815	188,747,672	468,043	129,784	624,302,170	694,434	813,049,842
1928	69,858	21,385	174,770,879	441,189	125,591	580,428,493	658,023	755,199,372
1927	65,886	19,597	162,348,978	413,634	119,816	531,583,250	618,933	694,382,285
1926	63,481	18,313	152,705,944	385,202	114,543	501,144,989	581,539	653,850,933
1925	60,385	17,238	143,056,516	359,595	107,007	452,958,655	544,225	596,015,171

Table 10.- Average Salaries and Wages, 1929.

(a) Provinces	Average Salaries	Average Wages	(b) Groups of Industries	Average Salaries	Average Wages
	\$	\$		\$	\$
Prince Edward Island	967	302	Vegetable products	1,997	897
Nova Scotia	1,725	774	Animal products	1,587	792
New Brunswick	1,816	748	Textiles and textiles products	1,950	818
Quebec	1,988	966	Wood and paper products	2,042	1,037
Ontario	1,975	1,110	Iron and its products	2,100	1,319
Manitoba	1,900	1,179	Non-ferrous metal products	2,106	1,248
Saskatchewan	1,699	1,151	Non-metallic mineral products	1,972	1,227
Alberta	1,778	1,077	Chemicals and allied products	1,974	1,073
British Columbia and Yukon	1,921	1,111	Miscellaneous industries	2,222	1,225
			Central electric stations	1,699	1,424
CANADA	1,954	1,045	TOTAL, ALL GROUPS	1,954	1,045

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Table 11.- Monthly employment of wage-earners in the fifteen leading industries of Canada, 1929.
(Classified according to the number of wage-earners employed).

	Average number of employees during the year	January	February	March	April	May	June	July	August	September	October	November	December
Sawmills	44,580	22,497	24,744	29,346	34,161	42,407	44,781	43,823	40,776	36,475	31,443	23,010	19,036
Pulp and paper	29,846	28,554	28,305	28,547	29,049	30,533	31,818	32,257	32,433	31,963	31,672	30,661	29,445
Railway rolling stock	23,858	23,234	25,262	25,984	26,266	25,709	24,930	24,832	23,449	22,151	22,325	21,346	20,774
Castings and forgings	20,706	19,793	20,908	21,535	22,140	22,250	21,611	20,761	20,542	20,508	20,205	19,845	19,193
Cotton yarn and cloth	19,526	19,210	18,827	19,335	20,541	20,068	20,181	19,824	19,509	19,040	19,412	19,414	18,382
Hosiery, knit goods and fabric gloves	18,337	17,871	18,113	18,301	18,413	17,506	18,303	18,016	17,809	18,325	18,445	18,548	18,076
Electrical apparatus and supplies	15,916	14,193	14,358	14,601	15,030	15,185	15,268	15,830	16,440	17,084	17,711	17,576	16,723
Bread and other bakery products	15,749	14,765	14,939	15,437	15,405	15,569	15,706	15,847	15,857	15,791	15,695	15,662	15,670
Rubber goods (including footwear)	15,537	15,521	15,536	15,765	15,633	16,249	16,052	16,224	15,589	15,038	15,037	14,864	14,334
Clothing, women's	15,069	13,523	15,159	15,621	15,646	15,021	14,686	14,174	14,864	15,618	15,636	14,402	13,053
Boots and shoes, leather	14,240	13,205	14,102	14,165	14,037	13,991	14,241	14,521	14,877	14,784	14,680	14,005	13,410
Automobiles	14,145	15,372	17,707	19,457	20,151	18,696	15,506	12,790	10,819	10,578	10,494	9,209	9,248
Furniture	11,089	11,331	11,576	11,761	11,746	11,855	11,779	11,852	11,859	12,047	12,215	12,229	11,786
Planing mills, sash and door factories	11,586	10,158	10,252	10,666	11,139	11,819	12,102	12,400	12,225	12,008	11,834	11,597	10,728

Another view of the trend of employment is afforded by comparing the index numbers of employment in the manufacturing groups of industries by months for the calendar years 1922-1929, as presented in Table 12.

Table 12.- Index Numbers of employment in the manufacturing groups of industries by months, 1922-29.

Months	1922	1923	1924	1925	1926	1927	1928	1929
January	74.4	84.5	86.7	81.7	90.0	94.7	97.9	107.3
February	79.0	92.0	91.9	85.8	93.0	98.2	102.3	112.8
March	84.5	94.7	93.1	88.6	94.9	99.8	104.7	115.7
April	84.4	92.6	93.6	91.2	96.6	101.5	106.6	116.5
May	85.5	97.9	94.9	93.7	98.8	103.9	109.0	119.8
June	91.1	101.2	95.7	95.6	101.6	106.9	112.6	121.2
July	91.1	101.3	94.9	96.4	103.1	106.8	113.1	120.3
August	92.9	101.2	93.3	95.8	103.6	107.0	115.2	121.6
September	93.6	100.7	91.5	96.8	104.8	106.8	115.9	119.8
October	93.8	99.4	92.7	98.8	104.6	106.4	115.7	120.2
November	94.9	98.7	91.3	96.5	102.7	104.9	115.1	117.2
December	94.9	95.5	88.7	95.3	101.5	104.3	112.9	112.8

MANUFACTURES OF CANADA, 1929.

A classification of the manufacturing industries based on a chief component material classification is presented in Table 13 for the nine main groups into which manufactures have been divided. Each group is further divided into the industries which from their use of common raw materials fall into certain well defined classes. The principle of classification by chief component materials cannot, however, be applied to modern industry with absolute precision owing to the highly complex organization of present day industry. The table presents the principal statistics of each industry within the groups in such manner that further explanation is unnecessary.

Table 13.- Principal Statistics of the Manufacturing Industries of Canada, 1929 (Component material classification)

Name of Industry	Estab- lish- ments	Capital	Salaried Employees			Wage-earners			Cost of Materials	Value of Products	
			Male	Female	Salaries	Male	Females	Wages		Gross	Net
			No.	No.	\$	No.	No.	\$		\$	\$
1. Vegetable Products	5,005	569,064,835	9,471	2,876	24,659,299	51,529	24,982	68,640,366	427,019,724	771,457,665	344,437,941
Biscuits, confectionery, cocoa, chocolate, etc.	281	55,320,902	4,723	624	4,603,754	4,653	6,073	8,162,122	27,717,889	62,492,801	34,774,912
Bread and other bakery products	2,568	48,969,603	846	428	1,784,168	13,632	2,117	16,697,444	38,507,559	77,214,466	38,706,907
Breweries	78	70,390,147	768	116	2,384,418	3,909	46	4,749,838	19,135,208	62,260,921	43,125,713
Cigars and cigarettes	72	34,025,963	1,009	294	2,374,525	1,659	3,420	3,360,727	17,012,776	64,331,500	47,318,724
Coffee and spices	59	15,402,253	445	136	1,210,124	680	440	1,095,788	21,025,868	27,971,790	6,945,922
Distilleries	20	60,211,220	289	72	1,071,776	1,442	416	2,060,721	12,928,920	43,752,420	30,823,500
Feed and grist mills	916	6,558,329	29	11	53,779	1,269	1	809,337	20,369,239	23,874,360	3,505,121
Flour mills	409	61,215,205	964	206	2,246,181	3,998	140	4,468,779	130,437,426	157,274,329	26,836,903
Fruit and vegetable canning, evaporating, etc.	267	29,331,121	411	145	909,934	2,964	5,469	3,131,372	16,641,016	27,959,825	11,318,809
Ice cream cones	10	617,590	8	4	19,212	57	30	63,632	134,230	506,858	372,628
Linseed oil and oil cake	8	2,708,387	29	7	94,806	202	1	232,414	5,578,539	6,502,633	924,094
Macaroni and vermicelli	12	1,843,282	34	11	71,945	129	106	143,415	755,576	1,484,262	728,686
Malt mills	7	8,292,857	62	7	143,190	166	-	268,670	4,207,063	6,227,312	2,020,249
Maple syrup and sugar	6	871,925	14	4	45,649	50	2	44,085	1,661,755	2,010,227	348,472
Miscellaneous food industries	65	11,199,684	238	92	607,693	598	280	911,571	6,250,354	13,063,475	6,813,121
Miscellaneous vegetable products	6	4,204,577	22	3	57,111	98	11	125,237	3,065,079	4,775,035	1,709,956
Pickles, vinegar and cider	65	9,641,864	159	44	462,626	773	679	1,151,559	6,183,319	2,072,691	5,889,372
Rice Mills	4	906,272	15	2	43,204	40	-	52,144	1,231,944	1,422,623	190,679
Rubber footwear	10	17,179,935	632	205	1,310,308	4,416	2,772	5,918,013	9,532,099	29,357,924	19,825,825
Rubber tires and other rubber goods	34	56,697,543	1,119	303	2,846,660	6,999	1,350	10,059,520	33,408,648	67,576,736	34,168,088
Starch and glucose	5	5,745,922	51	20	155,545	418	15	452,994	3,641,501	5,504,685	1,863,184
Sugar refineries	8	43,534,113	246	61	937,641	1,916	102	2,748,396	35,640,124	47,151,960	11,511,836
Syrups	11	213,712	7	5	19,168	20	18	23,355	166,470	293,893	127,423
Tobacco, chewing, smoking and snuff	37	16,067,061	280	65	1,030,614	1,157	1,449	1,589,147	8,643,755	20,833,706	12,189,951
Wines and grape juice	47	7,915,368	71	11	175,068	284	45	320,086	3,143,367	5,541,233	2,397,866

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Table 13. - Principal Statistics of the Manufacturing Industries of Canada, 1929 (Cont'd.)

Name of Industry	Estab- lish- ments	Capital	Salaried Employees			Wage-earners			Cost of Materials	Value of Products	
					Salaries			Wages		Gross	Net
			Male	Female	No.	No.					
No.	\$	No.	No.	\$	No.	No.	\$	\$	\$		
2. Animal Products	4,490	243,825,065	8,707	1,954	16,921,301	41,209	15,800	45,160,122	345,351,882	477,761,855	132,409,973
Animal hair goods	6	747,592	16	7	63,478	76	27	81,984	322,592	788,013	465,421
Animal oils and fats	5	862,240	7	5	27,333	109	4	118,513	310,605	530,886	220,281
Belting, leather	9	1,553,494	67	16	195,626	140	-	163,452	956,174	1,552,987	596,813
Boot and shoe findings	14	1,465,119	28	4	84,075	230	76	224,554	643,209	1,326,888	683,679
Boots and shoes, leather	191	31,028,229	966	357	2,617,404	8,652	5,588	12,413,697	25,510,731	48,627,590	23,116,859
Butter and cheese	2,767	47,907,462	3,526	656	4,646,465	7,449	241	8,062,961	93,861,458	126,703,195	32,841,737
Condensed milk	30	9,190,753	172	62	385,207	593	47	732,258	10,556,545	14,686,802	4,130,257
Fish curing and packing	730	28,644,442	583	77	951,669	9,493	6,214	4,460,186	21,496,859	34,966,260	13,469,401
Fur dressing and dyeing	10	1,475,497	60	8	187,414	549	103	633,776	227,640	1,916,313	1,688,673
Fur goods	224	12,863,189	416	192	1,122,241	1,230	1,209	2,839,892	12,620,177	18,944,726	6,324,549
Gloves and mittens, leather	49	3,543,130	255	54	336,175	632	864	1,069,625	2,847,839	4,932,534	2,084,695
Harness and saddlery	195	4,111,709	130	33	234,529	589	48	599,589	1,949,161	3,383,195	1,434,034
Human hair goods	3	41,173	1	1	2,179	6	7	22,161	12,685	29,469	16,784
Leather goods, n.e.s.	40	1,507,757	80	47	224,946	292	326	512,475	1,246,771	2,637,076	1,390,305
Leather, tanned, etc.	86	27,059,201	237	57	824,047	2,929	90	3,110,836	18,065,583	25,807,165	7,741,582
Sausages and sausage casings	38	1,156,104	34	8	85,728	201	19	253,523	1,719,842	2,377,661	657,819
Slaughtering and meat packing	74	67,777,803	2,154	345	4,724,682	7,434	829	9,274,034	151,814,517	185,842,902	34,028,385
Trunks, bags, etc.	19	2,890,171	75	25	208,103	605	108	596,606	1,189,494	2,708,193	1,518,699
3. Textile Products	1,891	383,153,797	6,635	3,391	19,555,354	42,178	63,416	86,340,883	220,304,250	426,247,587	205,943,337
Awnings, tents and sails	59	2,299,260	83	38	190,631	241	208	427,475	1,348,619	2,496,433	1,147,814
Bags, cotton and jute	20	6,638,759	91	31	319,301	297	638	701,664	10,416,580	12,613,905	2,197,325
Batting	8	2,765,650	50	25	195,520	136	94	222,745	1,623,288	2,711,855	1,088,567
Carpets, mats and rugs	22	6,446,734	172	42	461,360	696	383	1,002,325	2,559,680	5,434,555	2,874,875
Clothing, men's factory	205	28,493,549	1,009	411	2,596,523	4,811	5,275	10,774,894	25,653,973	50,580,168	24,926,195
Clothing, women's factory	461	25,087,862	1,163	792	3,802,392	4,011	11,058	13,326,029	34,558,860	66,346,417	31,787,557
Cordage, rope and twine	13	13,066,423	91	22	300,344	857	389	1,211,840	7,798,893	11,798,165	3,999,272
Corsets	17	5,327,991	155	165	386,787	87	998	697,444	2,098,351	4,219,019	2,120,668
Cotton and wool waste	7	1,122,818	20	9	65,737	158	77	232,182	1,936,230	2,645,184	708,954
Cotton textiles, n.e.s.	23	1,364,130	52	34	150,005	107	324	322,971	1,261,764	2,159,568	897,804
Cotton thread	6	4,190,130	73	29	195,720	190	488	493,519	2,025,955	4,321,584	2,295,629
Cotton yarn and cloth	36	95,542,319	575	120	1,612,847	11,369	8,157	15,058,940	43,133,575	78,241,765	35,108,190
Dyeing, cleaning and laundry work	374	26,839,632	641	436	1,921,760	4,634	6,995	10,026,796	3,403,667	26,559,285	23,155,618
Flax, dressed	11	207,964	5	-	6,035	105	-	32,659	27,217	126,262	99,045

MANUFACTURES OF CANADA, 1929.

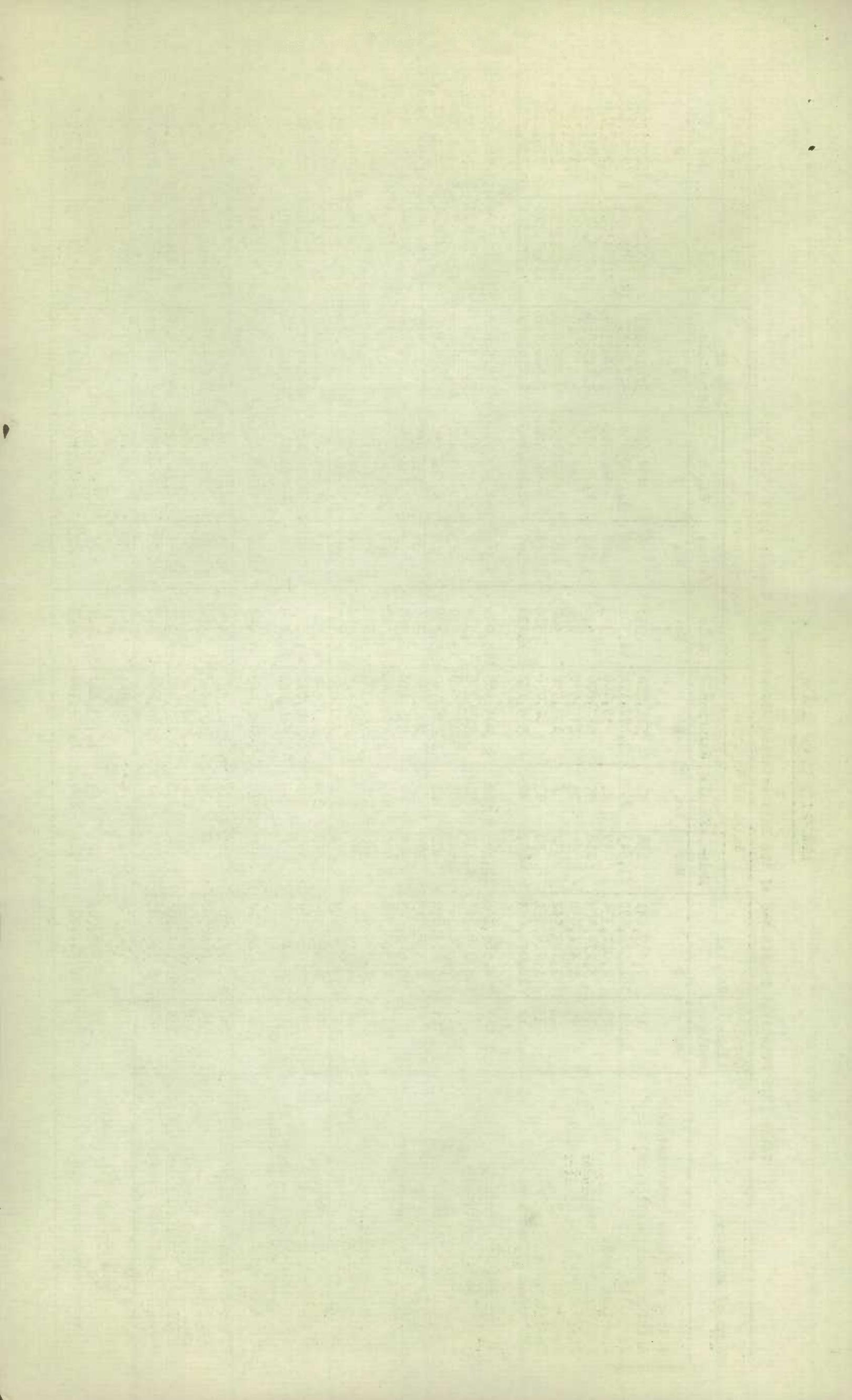
Table 13.- Principal Statistics of the Manufacturing industries of Canada, 1929 (Cont'd.).

Name of Industry	Estab- lish- ments No.	Capital \$	Salaried Employees			Wages-earners			Cost of Materials \$	Value of Products	
			Male No.	Female No.	Salaries \$	Male No.	Female No.	Wages \$		Gross \$	Net \$
3. Textile Products (Cont'd.)											
Furnishing goods, men's	162	19,654,505	600	292	1,579,442	1,346	7,652	5,740,703	17,848,021	30,581,862	12,733,841
Hats and caps	152	7,709,270	375	204	1,025,155	1,584	2,499	3,422,549	7,710,546	15,523,376	7,812,830
Hosiery, knit goods and fabric gloves	168	66,489,608	771	491	2,694,053	5,873	12,474	13,600,483	31,193,505	61,097,752	29,904,247
Linen goods	3	943,875	14	10	43,028	70	101	118,464	250,735	502,860	252,125
Miscellaneous textiles, n.e.s.	5	3,101,714	43	7	96,349	153	133	234,363	2,114,317	2,712,134	597,817
Oiled and waterproof clothing	19	1,186,464	32	17	110,796	133	146	284,495	706,706	1,354,314	647,608
Silk goods	23	28,278,657	255	102	667,601	1,653	2,362	3,158,195	6,091,124	14,476,080	8,384,956
Woollen cloth	44	20,016,292	235	73	706,897	2,132	1,705	3,217,407	9,231,712	16,241,194	7,009,482
Woollen textiles, n.e.s.	26	8,680,289	82	22	277,973	794	243	900,765	3,348,836	6,476,608	3,127,772
Woollen yarns	27	7,699,902	48	19	149,098	741	1,017	1,131,976	3,962,096	7,027,242	3,065,146
4. Wood and Paper Products											
Beekeepers' and Poultrymen's supplies	7,405	1,152,075,234	16,284	4,958	43,373,770	131,186	11,754	148,861,678	314,203,209	725,819,740	411,616,451
Blueprinting	5	71,415	2	1	4,178	19	-	16,516	86,143	130,869	44,726
Boats and canoes	15	213,085	15	4	35,987	65	9	64,489	134,444	371,485	237,041
Boxes and bags, paper	118	2,830,363	69	15	140,562	820	8	824,405	675,489	2,294,135	1,618,646
Boxes and packing cases	128	21,176,098	521	209	1,589,742	2,089	2,673	3,868,313	12,065,490	22,707,699	10,642,209
Carriages, wagons and sleighs	126	11,185,807	238	48	594,228	3,014	279	2,630,039	5,214,702	10,357,055	5,142,353
Carriage and wagon materials	334	9,794,179	163	32	389,047	2,122	8	2,356,945	5,268,973	9,886,699	4,617,726
Clothes pins	6	692,751	14	4	33,984	128	-	140,882	330,928	639,107	308,179
Coffins and caskets	3	235,674	5	-	11,026	162	43	119,675	98,710	427,837	329,127
Cooperage	36	3,608,383	64	12	187,825	580	99	676,143	1,312,374	3,185,338	1,872,964
Excelsior	82	2,472,749	35	9	107,312	569	3	560,360	2,573,766	3,829,553	1,255,787
Furniture and upholstering	8	269,866	5	3	5,678	81	24	68,052	98,224	245,018	146,794
Lasts, trees and pegs	367	41,851,682	871	322	2,514,638	11,406	483	11,997,435	17,735,090	44,136,176	26,401,086
Lithographing and engraving	13	1,363,388	48	17	134,618	347	154	405,346	246,495	1,329,651	1,083,156
Miscellaneous wood products	122	21,918,581	703	378	2,649,705	3,265	1,321	6,350,426	6,544,369	21,682,265	15,137,896
Paper goods, n.e.s.	160	5,138,149	112	38	306,949	1,115	62	1,064,093	1,819,664	4,586,457	2,766,793
Planing mills, sash and door factories, etc.	40	6,173,098	144	99	470,779	686	206	999,312	4,237,803	8,090,932	3,853,129
Printing and bookbinding	744	58,429,538	1,299	247	2,853,220	11,473	113	12,112,852	31,679,455	56,592,088	24,912,633
Printing and publishing	910	43,506,712	1,557	573	4,409,514	7,569	2,679	12,285,613	13,761,259	43,748,715	29,987,456
Pulp and paper	767	65,736,238	4,965	1,805	11,478,893	8,626	1,564	14,928,311	16,424,412	73,673,338	57,248,926
	108	644,773,806	3,104	634	9,391,901	28,977	869	40,822,544	96,874,749	243,970,761	147,096,012

MANUFACTURES OF CANADA, 1929.

Table 13.- Principal Statistics of the Manufacturing Industries of Canada, 1929 -(Cont'd.)

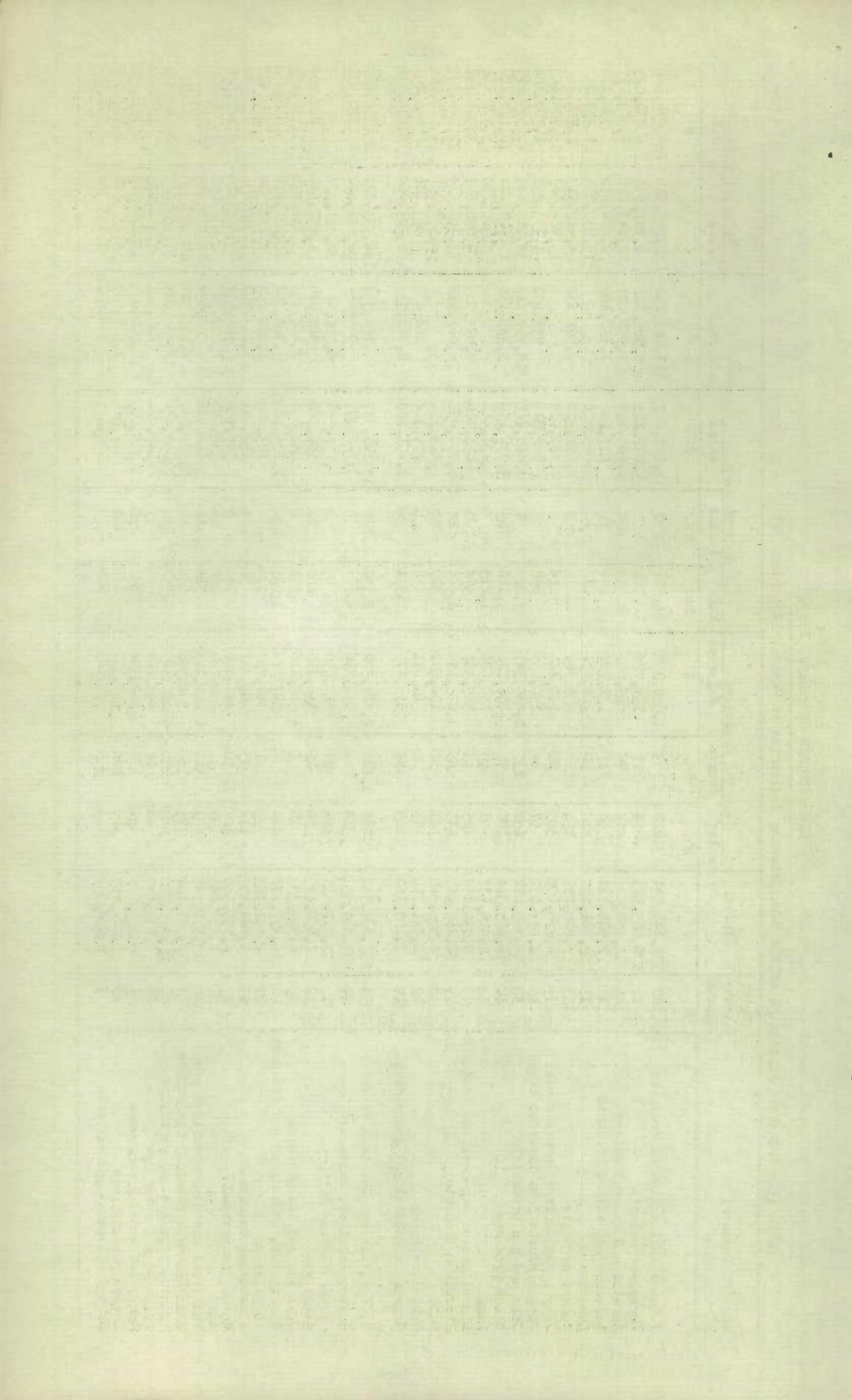
Name of Industry	Estab- lish- ments	Capital	Salaried Employees			Wage-earners			Cost of Materials	Value of Products	
			Male	Female	Salaries	Male	Female	Wages		Gross	Net
			No.	No.	£	No.	No.	£		£	£
4. Wood and Paper Products (Cont'd)											
Roofing paper, wallboard, etc.	11	7,439,641	156	51	511,220	337	6	434,632	3,018,273	6,111,663	3,093,390
Saw mills	3,161	181,586,699	1,643	243	3,892,151	44,501	79	32,265,404	83,743,952	146,989,564	63,245,612
Sporting goods	23	2,022,334	49	27	99,246	343	106	406,726	943,709	2,184,022	1,240,313
Stationery and envelopes	34	5,179,903	218	97	622,606	436	745	1,022,379	4,111,459	7,014,573	2,903,114
Stereotyping and electrotyping	29	1,494,658	67	29	179,905	310	6	505,264	170,616	1,366,652	1,196,036
Woodenware	10	1,101,742	32	6	107,598	402	22	292,157	425,660	1,017,530	591,870
Wood-turning	33	1,713,051	38	13	82,076	516	84	404,520	486,796	1,457,714	970,918
All other industries	12	10,090,644	147	42	569,182	1,228	109	1,238,845	4,120,285	7,792,844	3,672,559
5. Iron and its Products											
Agricultural implements	62	103,356,773	1,334	431	3,323,356	9,534	109	11,452,533	19,016,981	40,659,479	21,642,498
Automobiles	17	98,378,301	1,587	603	5,227,608	13,922	223	21,627,200	120,332,694	177,315,593	56,982,899
Automobile supplies	65	19,401,890	401	129	1,178,742	3,872	300	5,532,692	19,045,836	31,965,076	12,919,242
Bicycles and motorcycles	2	2,534,749	126	39	201,561	386	39	535,649	1,132,219	2,470,363	1,338,164
Boilers, tanks and engines	37	10,665,197	305	60	792,414	1,789	3	2,251,354	5,091,406	10,066,278	4,934,872
Castings and forgings	335	102,900,796	2,000	647	5,768,144	20,467	329	25,086,510	35,994,441	91,575,146	55,580,705
Hardware and tools	127	37,334,436	645	238	1,921,321	5,507	869	6,496,516	9,071,258	27,658,312	18,507,054
Iron and steel products, n.e.s.	61	14,719,791	476	100	1,332,415	2,980	8	3,929,851	8,451,363	17,152,165	8,700,806
Machinery	169	75,126,204	1,822	614	4,700,846	9,746	253	12,391,072	22,261,416	65,692,539	43,426,123
Railway rolling stock	35	94,415,563	1,521	109	3,633,974	23,823	35	34,677,205	74,156,037	126,487,037	52,331,000
Sheet metal products	152	49,080,361	997	340	2,530,928	7,035	364	8,697,242	28,076,595	53,151,690	25,075,103
Steel and rolled products pig iron, ferro-alloys, etc.	45	109,446,529	277	115	1,746,020	10,479	27	16,788,661	32,514,596	72,231,995	39,717,399
Wire and wire goods	60	27,528,215	352	117	1,048,160	3,435	266	4,046,496	9,777,818	21,647,273	11,069,455
6. Non-Ferrous Metal Products											
Aluminum products	14	5,264,388	70	13	168,432	562	78	761,784	2,734,721	4,263,801	1,509,075
Brass and copper products	102	27,431,520	891	214	1,917,736	4,668	459	5,382,805	21,118,038	36,115,581	14,977,542
Electrical apparatus and supplies	139	101,767,108	3,503	1,452	8,886,486	12,352	3,564	17,830,729	49,623,322	113,796,002	64,172,680
Lead, tin and zinc products	28	5,968,383	100	61	270,844	501	93	638,451	4,757,366	6,466,168	1,706,802
Miscellaneous non-ferrous metal products	17	780,359	440	6	130,813	142	42	214,432	317,730	1,116,053	798,923
Non-ferrous metal smelting and refining	10	146,699,085	621	63	1,753,840	7,408	27	12,018,553	41,416,446	109,854,468	68,438,022
Precious metal products	98	10,781,963	377	208	1,157,782	1,823	523	2,841,069	4,913,604	11,933,593	7,019,989



MANUFACTURES OF CANADA, 1929.

Table 13.- Principal Statistics of the Manufacturing Industries of Canada, 1929 (Cont'd.)

Name of Industry	Estab-lish-ments No.	Capital \$	Salaried Employees			Wage-earners			Cost of Materials \$	Value of Products	
			Male	Female	Salaries \$	Male	Female	Wages \$		Gross \$	Net \$
			No.	No.		No.	No.				
7. Non-metallic Mineral Products	1,188	329,448,844	3,212	763	7,838,959	26,526	930	33,672,887	117,149,130	242,023,518	124,874,388
Abrasive products	12	6,683,533	74	27	239,725	721	6	1,031,173	2,905,928	8,961,951	6,056,023
Aerated and mineral waters	345	12,756,026	442	95	865,001	1,533	104	1,688,455	4,576,027	12,249,218	7,673,191
Asbestos and allied products	12	2,949,712	48	17	132,287	264	22	227,146	1,348,460	2,286,638	938,178
Cement	11	50,881,818	114	10	260,579	2,422	-	3,263,016	-	19,337,235	19,337,235
Cement products	153	5,024,497	176	18	335,906	1,150	3	1,272,332	1,502,952	4,419,417	2,916,465
Clay products from domestic clay	196	34,190,056	365	50	941,445	5,115	-	4,785,569	-	13,904,643	13,904,643
Clay products from imported clays	15	3,472,052	67	24	250,835	698	83	862,046	992,150	3,373,038	2,380,888
Coke and gas products	43	94,749,062	652	237	1,469,347	3,009	4	4,469,467	18,517,214	39,910,443	21,393,229
Glass products	60	16,289,364	290	91	782,026	3,182	385	3,958,650	5,355,156	15,507,442	10,152,286
Lime	53	7,404,677	91	18	158,604	1,273	-	1,234,488	-	5,908,610	5,908,610
Miscellaneous non-metallic products	23	9,747,157	115	43	389,362	574	250	835,220	2,035,905	6,000,697	3,964,792
Petroleum products	25	71,260,459	445	65	1,253,174	4,444	24	6,900,451	76,861,939	99,408,314	22,546,375
Salt	8	4,576,543	41	12	102,502	329	42	413,951	-	1,578,086	1,578,086
Sand-lime brick	12	2,356,726	23	2	61,691	278	1	279,314	264,465	953,726	689,261
Stone, ornamental and monumental	220	7,107,162	269	54	596,475	1,534	6	2,451,609	2,788,934	8,224,060	5,435,126
8. Chemicals and Chemical Products	554	165,886,912	3,286	1,280	9,527,502	9,390	2,738	13,111,947	55,184,337	138,545,221	83,360,884
Acids, alkalies, salts and compressed gases	15	49,417,431	355	26	820,290	2,509	8	3,518,396	6,301,121	28,021,972	21,720,851
Adhesives	13	1,850,273	54	15	140,716	188	10	180,580	962,940	1,830,644	867,704
Coal tar and its products	10	4,982,333	26	5	85,116	210	1	268,854	2,658,555	3,818,050	1,159,495
Explosives, ammunition and fireworks	8	14,493,270	122	8	307,175	1,029	286	1,274,186	3,960,702	10,828,778	6,868,076
Fertilizers	12	2,991,783	36	11	81,767	204	-	183,883	1,450,253	2,258,780	808,527
Flavouring extracts	23	1,644,497	112	45	303,717	56	114	132,011	1,013,402	1,810,896	797,494
Gases, compressed	27	4,995,560	202	90	444,440	244	6	325,984	785,377	3,967,416	3,182,039
Inks	22	2,597,263	107	31	450,780	228	26	334,998	1,097,315	3,038,049	1,940,734
Medicinal and pharmaceutical prep.	140	19,552,949	633	381	2,011,415	789	1,046	1,660,958	6,300,894	19,038,894	12,738,000
Miscellaneous chemical industries	69	12,307,112	296	166	906,558	860	417	1,167,047	4,289,921	10,108,398	5,818,477
Paints, pigments and varnishes	69	26,471,976	689	220	2,191,585	1,712	230	2,068,434	12,464,829	27,103,465	14,688,636
Polishes and dressings	29	1,253,657	48	21	133,607	92	55	145,964	630,861	1,356,223	725,362
Soaps and washing compounds	61	18,152,849	491	157	1,263,324	935	271	1,315,183	11,002,034	19,218,726	8,216,692
Toilet preparations	49	3,121,617	100	104	355,327	105	268	312,012	1,577,642	4,451,588	2,873,946
Wood distillates and extracts	7	2,054,342	16	-	31,685	229	-	223,457	738,491	1,693,342	954,851



MANUFACTURES OF CANADA, 1929.

Table 13.- Principal Statistics of the Manufacturing Industries of Canada, 1929 (Cont'd.).

Name of Industry	Estab- lish- ments No.	Capital \$	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	463	130,118,324	2,721	725	7,667,233	15,570	2,033	21,456,214	42,982,071	103,073,662	60,091,591
Advertising and other novelties	11	391,116	19	18	43,834	60	82	98,198	230,226	541,421	311,195
Aeroplanes	4	1,868,290	36	18	180,972	154	9	220,694	727,832	1,040,845	313,013
Artificial feathers and flowers	7	235,161	13	15	34,783	11	76	59,064	103,792	258,556	154,764
Bridge building	10	28,895,206	921	107	2,599,382	3,949	-	6,338,045	14,557,679	34,179,488	19,621,809
Brooms, brushes and mops	78	4,385,774	187	76	492,843	968	254	949,398	2,004,893	4,497,926	2,493,033
Buttons	13	1,517,123	41	15	131,422	211	191	255,034	278,825	955,256	676,431
Candles and tapers	10	536,222	10	3	30,073	41	23	40,037	201,902	394,152	192,250
Fountain pens	6	1,924,478	72	30	200,132	144	118	233,042	954,917	2,849,884	1,894,967
Ice, artificial	31	4,728,388	39	11	101,428	248	5	307,153	76,919	1,482,778	1,405,859
Jewel cases and silverware cabinets	6	257,076	11	13	90,611	62	54	104,276	125,985	353,077	227,092
Mattresses and springs	66	8,888,088	214	74	709,035	1,365	273	1,763,871	5,545,242	10,906,703	5,361,461
Motion picture films	6	786,028	54	16	103,276	65	22	124,984	335,902	700,442	364,540
Musical instruments and materials	42	14,401,537	263	92	707,750	2,197	182	2,632,056	6,802,758	13,505,238	6,702,480
Refrigerators	10	1,411,062	30	12	77,509	251	4	281,963	537,621	1,336,590	798,969
Regalia and society emblems	12	225,260	10	12	33,369	23	42	52,243	96,608	251,341	154,733
Scientific and professional equipment	23	16,143,983	128	76	443,647	455	294	815,143	3,199,528	8,163,651	4,964,123
Shipbuilding and repairs	41	40,311,341	509	62	1,283,606	4,715	11	6,189,259	5,607,297	17,493,025	11,885,728
Stamps and stencils	30	636,770	57	23	145,529	195	9	259,125	112,146	739,733	627,587
Statuary, art goods and church supplies	28	738,527	35	19	87,740	184	176	335,818	444,073	1,251,683	807,610
Store and display fixtures	3	249,844	12	5	25,347	81	6	95,703	158,447	321,394	162,947
Toys and games	10	261,881	10	3	22,068	83	39	86,522	157,411	426,318	268,907
Typewriter supplies	4	640,973	26	14	115,749	43	23	81,381	330,300	707,399	377,099
Umbrellas	9	536,293	20	11	58,207	45	131	108,017	355,688	604,863	249,175
All other industries	3	147,903	4	-	8,921	20	9	25,188	36,080	111,899	75,019
10. Central Electric Stations	1,024	1,055,731,532	5,505	1,309	11,512,782	9,350	-	13,319,039	34,615,939 ^{1/}	157,499,385	122,883,446

^{1/} Cost of electric energy purchased by Central Electric Stations from central electric stations for resale.

MANUFACTURES OF CANADA, 1929.

Table 14.- Fuel Consumption by Provinces and Groups of Industries, 1929.

	Bituminous Coal		Anthracite Coal	Lignite Coal	Coke	Gasoline	Oil (Fuels)	Wood	Gas	All other Fuel	Total Cost
	Quantity	Value									
	Tons	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Prince Edward Island	12,466	76,443	636	119	4,287	2,167	10,702	10,926	-	10	105,290
Nova Scotia	353,390	1,721,093	19,035	803	223,415	21,552	525,329	69,615	603,665	13,320	3,197,827
New Brunswick	261,808	1,346,426	12,498	139	29,846	11,045	64,998	196,163	18,624	1,284	1,681,023
Quebec	2,067,638	12,285,535	1,013,973	43,412	424,047	35,996	2,337,402	709,505	611,930	101,996	27,613,796
Ontario	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	31,336,961
Manitoba	173,985	1,334,774	82,343	441,628	71,131	18,617	231,282	231,212	141,305	20,369	2,572,661
Saskatchewan	88,961	601,298	10,682	753,904	78,273	31,091	455,562	51,643	177,031	13,222	2,172,706
Alberta	145,728	541,862	348	461,539	23,427	23,765	125,257	32,048	460,178	10,107	1,478,531
British Columbia and Yukon	255,329	1,396,316	5,283	10,561	106,475	95,256	1,749,430	427,572	156,561	119,239	4,066,693
CANADA	7,062,234	39,315,723	1,986,332	1,759,415	2,354,542	470,302	8,778,491	2,693,629	6,214,847	852,208	64,425,489
Industrial Groups											
Vegetable products	709,319	3,718,816	509,436	187,946	477,733	97,716	761,040	505,851	692,583	143,767	7,094,888
Animal products	356,134	2,108,686	49,041	166,180	42,104	39,085	190,624	500,952	688,352	67,730	3,232,754
Textiles and textile products	471,389	2,952,181	199,865	54,399	46,037	18,556	92,575	55,791	89,273	49,285	3,557,962
Wood and paper products	2,020,532	11,532,879	714,533	33,224	23,389	133,139	837,021	811,176	160,551	185,865	14,431,777
Iron and steel products	1,209,714	5,945,548	286,614	199,456	612,179	72,470	2,420,758	77,467	1,975,220	189,340	11,779,052
Non-ferrous metal products	356,864	2,206,024	52,533	5,497	262,505	35,843	1,168,347	8,132	185,592	8,000	3,932,473
Non-metallic mineral products	1,373,331	7,852,484	72,025	108,710	774,020	23,691	2,334,632	662,608	2,905,627	143,248	14,882,045
Chemicals and chemical products	305,350	1,551,275	49,245	3,470	71,771	1,871	69,480	14,166	26,545	53,545	1,841,368
Miscellaneous industries	63,884	407,292	23,932	240	44,804	10,643	108,851	7,884	52,726	2,403	658,775
Central electric stations	195,717	1,040,538	29,108	1,000,293	-	32,288	795,163	49,602	58,378	9,025	3,014,395
Total fuel used in the manufacturing industries of Canada:											
1929	7,062,234	39,315,723	1,986,332	1,759,415	2,354,542	470,302	8,778,491	2,693,629	6,214,847	852,208	64,425,489
1928	6,639,736	37,871,736	2,070,989	1,572,452	1,819,347	448,616	7,300,552	2,439,104	5,434,805	803,666	59,761,267
1927	6,470,803	36,053,827	2,435,720	1,333,131	3,890,378	420,437	7,220,529	2,492,495	5,272,735	986,966	60,106,216
1926	6,409,227	36,723,359	2,266,935	578,651	4,176,584	860,303	7,371,769	2,645,505	4,233,073	839,788	59,695,997
1925	5,902,197	34,034,531	2,564,489	658,287	5,045,239	766,712	7,246,961	2,700,977	3,570,180	1,231,325	57,818,701

MANUFACTURES OF CANADA, 1929.

The statistics of power equipment in the manufacturing industries of Canada are presented in Table 15. These comprise all of such industries operating during 1929, and include central electric stations which produce electric energy for driving the machinery of other industries and for lighting purposes. The equipment driven by electricity purchased from central electric stations is shown in column 5 and so as to show only net figures in column 8 for the total power equipment employed, the amount in column 5 marked #have been excluded from the totals in column 8. The total equipment for each of the groups of industries except central electric stations, includes the motors driven by such purchased power.

Table 15.- Power Equipment of Manufacturing Industries of Canada, by Provinces and Groups of Industries, 1929.

	Steam engines and Turbines	Internal Combustion Engines	Hydraulic Turbines or Water Wheels	Total Primary Power	Electric Motors		Total Electric Motors	Total Power Equipment in manufacturing industries
					Operated by purchased power	Operated by power generated by establishment		
	H.P.	HP.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Prince Edward Island	4,205	1,272	1,948	7,425	540#	395	935	7,325
Nova Scotia	118,764	3,938	56,516	179,218	31,567#	44,028	75,595	179,218
New Brunswick	71,969	3,700	98,617	174,286	35,159#	9,865	45,024	174,286
Quebec	209,954	8,060	2,481,780	2,699,794	992,845#	118,807	1,111,652	2,699,794
Ontario	324,030	37,787	1,849,275	2,211,092	997,525#	470,487	1,468,012	2,211,092
Manitoba	45,861	3,371	310,958	360,190	99,857#	697	100,556	360,190
Saskatchewan	74,680	16,438	-	91,118	14,866#	128	14,991	91,118
Alberta	96,904	6,301	51,544	154,749	30,416#	5,066	35,482	154,749
British Columbia	169,415	10,662	513,789	693,866	190,910#	91,381	282,291	693,866
C A N A D A	1,115,782	91,529	5,364,427	6,571,738	2,393,684#	740,854	3,134,538	6,571,738 1/
Vegetable products	57,804	12,876	39,911	110,591	215,755	24,458	240,213	326,346
Animal products	24,203	5,597	1,728	31,528	69,740	3,090	72,838	101,268
Textiles and textile products	26,198	1,203	33,280	60,681	107,933	28,601	136,534	168,614
Wood and paper products	439,978	15,385	483,701	939,144	1,083,695	313,398	1,397,093	2,022,839
Iron and steel products	144,326	21,006	4,779	170,111	359,051	325,134	685,185	829,162
Non-ferrous metal products	19,726	250	69,585	89,561	262,191	24,910	287,101	351,752
Non-metallic mineral products	30,736	3,618	4,025	38,379	172,425	13,523	185,948	210,804
Chemicals and allied products	17,540	335	8,320	26,195	57,740	6,732	64,472	83,935
Miscellaneous industry products	7,630	384	91	8,105	65,154	-	65,154	73,259
Central electric stations	347,641	30,875	4,716,927	5,097,443	-	-	-	5,097,443
TOTALS								
1929	1,115,782	91,529	5,364,427	6,571,738	2,393,684#	740,854	3,134,538	6,571,738 1/
1928	1,053,307	83,864	5,102,784	6,239,955	2,139,129#	457,565	2,596,694	6,239,955 1/
1927	1,038,931	79,753	4,562,607	5,681,291	1,924,687#	386,555	2,311,242	5,681,291 1/
1926	1,018,535	78,554	4,213,013	5,310,102	1,770,334#	392,322	2,162,656	5,310,102 1/
1925	992,916	77,435	4,012,756	5,083,107	1,547,754#	434,678	1,782,432	5,083,107 1/

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.

MANUFACTURES OF CANADA, 1929.

The statistics of manufactures in urban municipalities having 3 or more establishments and a gross value of production of \$1,000,000 or over in the calendar year 1929, are presented in Table 16. In the 229 urban municipalities included in the table the value of manufactured products amounted to \$3,525,872,979 in a total for the whole of Canada of \$4,063,987,279 or 86.8 per cent, though the number of establishments represented but 49.9 per cent of the total. Capital investment in the 229 urban municipalities was 77.8 per cent of the total for the Dominion; the number of persons employed, 84.5 per cent, the cost of salaries and wages, 88.8 per cent and the cost of materials 87.8 per cent.

Table 16.- Statistics of Manufactures by Urban Municipalities with a gross production of \$1,000,000 or over, and with 3 or more establishments, 1929.

Cities and Towns	Estab-	Capital	Employ-	Salaries and Wages	Cost of Materials	Gross Value of Products
	lish-ments		ees.			
	No.	\$	No.	\$	\$	\$
<u>P.E. Island</u>						
Charlottetown	31	2,088,981	464	466,015	1,114,054	2,112,410
<u>Nova Scotia</u>						
Sydney	30	40,943,104	2,313	3,523,329	8,863,116	19,429,966
Dartmouth	14	16,735,609	914	1,286,324	12,353,759	16,160,775
Halifax	111	34,257,910	4,132	4,548,533	5,701,791	15,988,940
Trenton	3	8,653,280	1,391	1,943,609	7,756,896	11,603,045
Truro	19	5,031,295	955	738,857	2,100,055	3,935,124
Amherst	25	5,040,940	770	788,625	1,168,359	2,665,143
Yarmouth	30	3,153,081	518	461,549	1,289,043	2,566,450
New Glasgow	30	2,635,368	719	723,235	832,413	2,291,640
Windsor	12	2,431,969	311	216,642	577,197	1,124,014
<u>New Brunswick</u>						
Saint John	126	26,838,010	3,630	3,746,028	14,210,579	23,201,405
Moncton	40	8,158,386	2,419	3,071,413	4,258,123	8,497,214
Edmunston	10	10,162,725	568	706,319	2,352,582	5,183,329
Bathurst	14	9,618,254	602	833,430	1,756,151	3,598,439
St. Stephen	17	2,670,985	598	560,686	1,610,494	2,902,944
Fredericton	29	3,807,991	621	583,949	1,123,565	2,355,521
Campbellton	12	3,039,703	345	311,391	645,986	1,345,682
Sackville	12	1,632,009	453	466,849	418,374	1,276,371
Milltown	3	2,605,040	691	532,211	547,127	1,120,524
<u>Quebec^{1/}</u>						
Montreal	1,818	554,500,877	112,338	31,969,796	337,105,820	637,906,135
Three Rivers	56	84,985,634	7,002	7,792,197	18,045,761	42,777,317
Shawinigan Falls	24	175,265,816	3,591	5,135,058	17,170,956	40,746,648
Quebec	244	68,054,042	10,076	9,854,134	17,184,311	39,826,822
Montreal East	5	31,100,360	1,998	3,069,618	16,306,359	25,911,456
La Salle	6	22,427,694	1,186	1,706,028	8,990,376	25,837,602
Lachine	29	28,112,573	3,554	5,946,077	9,106,195	25,431,899
Sherbrooke	74	23,754,176	4,962	5,040,411	10,697,613	23,154,974
Granby	23	10,372,455	3,009	2,531,466	4,883,452	12,481,792
Port d'Alfred	3	39,012,823	994	1,515,530	5,690,109	10,348,787
Valleyfield	28	12,421,780	2,751	2,104,596	3,647,825	10,261,077
Drummondville	16	12,433,310	2,321	2,045,535	5,045,402	10,248,276
Hull	37	10,515,418	2,146	2,370,946	4,181,714	9,830,417
Magog	14	6,600,421	1,641	1,528,081	6,243,932	9,011,909
St. Jean	42	9,653,654	3,185	3,208,164	4,008,115	8,910,962
St. Jerome	26	8,706,996	2,277	1,895,722	2,917,330	2,866,672
St. Hyacinthe	47	9,977,327	2,573	1,312,098	1,484,984	3,166,301
Grand Mere	14	20,330,121	1,228	1,754,215	2,355,759	6,293,159
Kenogami	3	16,374,798	816	1,369,589	2,296,256	6,058,064
La Tuque	13	11,963,412	821	1,234,427	1,983,850	4,790,575
East Angus	7	8,513,280	732	332,862	2,522,239	4,484,557
Westmount	13	3,571,758	860	1,242,984	1,434,470	4,223,834
Beloeil	9	4,407,462	244	313,116	1,075,771	3,837,471
Donnacora	3	12,242,973	614	977,330	1,312,119	3,831,637

MANUFACTURES OF CANADA, 1929.

Table 16.- Statistics of Manufactures by Urban Municipalities with a gross production of \$1,000,000, or over, and with 3 or more establishments, 1929 (Cont'd.)

Cities and Towns	Estab-	Capital	Employ-	Salaries	Cost of	Gross Value
	lish-					
	No.	\$	No.	\$	\$	\$
<u>Quebec (Cont'd.)</u>						
Victoriaville	23	2,675,628	1,280	1,061,700	1,617,828	3,775,862
Verdun	16	3,770,614	811	893,842	1,501,282	3,246,287
St. Joseph d'Alma	5	15,732,287	508	852,881	753,207	3,134,200
Outremont	6	2,412,944	674	807,358	1,328,146	2,961,938
Brownsburg	3	3,179,320	531	528,117	1,091,853	2,881,187
Beauharnois	8	6,825,732	581	691,996	1,188,901	2,860,647
Joliette	39	2,445,030	717	582,772	1,170,822	2,695,603
Cowansville	11	2,603,172	622	611,758	1,328,123	2,627,827
St. Pierre	6	3,054,691	457	553,104	779,643	2,518,041
Longueuil	10	3,344,674	328	479,548	830,441	2,259,760
Sorel	20	2,928,121	1,496	1,248,088	686,941	2,220,534
Buckingham	13	3,448,887	489	402,662	1,101,435	2,212,726
Windsor	11	6,029,464	663	809,553	1,079,324	2,211,437
Chicoutimi	26	9,108,005	576	623,294	825,353	2,123,073
Bromptonville	3	5,889,156	185	230,132	1,031,853	1,957,083
Lauzon	6	2,093,058	374	468,040	646,478	1,857,236
Coaticook	20	2,443,756	685	436,040	1,112,579	1,823,620
Chandler	4	2,983,227	410	473,594	753,938	1,797,864
Delson	4	1,703,085	445	448,152	394,681	1,588,647
Asbestos	9	1,239,460	183	118,384	1,057,012	1,355,849
Rock Island	13	2,247,260	362	326,573	541,819	1,295,868
Berthier	12	7,021,971	424	356,816	619,620	1,276,024
St. Remi	11	353,686	95	60,181	977,925	1,184,526
Montmagny	13	2,358,337	460	389,707	448,976	1,170,947
Cap de la Madeleine	8	381,269	90	54,169	773,114	1,125,807
Jonquiere	10	1,831,069	224	302,321	504,610	1,068,830
Portneuf	10	1,408,589	216	166,609	576,955	1,067,683
Loretteville	21	1,114,421	452	333,428	596,384	1,056,706
Laprairie	8	7,456,467	438	459,840	52,570	1,049,434
Rimouski	9	3,208,902	303	330,479	508,167	1,045,601
Marieville	12	886,745	485	335,095	749,497	1,031,676
Acton Vale	10	722,429	234	135,943	500,520	1,008,800
St. Laurent	8	1,286,082	345	442,874	453,895	1,003,002
<u>Ontario</u>						
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	50,314,798
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	37,788,540
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	19,061,957	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	2,908,683	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	19,645,500
Chatham	56	15,531,405	2,374	3,178,817	11,734,352	18,835,937

1/ The towns of Foster and Montmorency with a total production of \$5,944,003 are not included in the totals of the leading cities and towns, having less than three establishments reporting.

MANUFACTURE OF CANADA, 1929.

Table 16.- Statistics of Manufactures by Urban Municipalities with a gross production of \$1,000,000 or over, and with 3 or more establishments, 1929 -(Cont'd.)

Cities and Towns	Estab- lish- ments	Capital	Employ- ees.	Salaries and Wages	Cost of Materials	Gross Value of Products
Ontario (Cont'd.)	No.	\$	No.	\$	\$	\$
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	11,248,953	14,862,832
Stratford	61	10,856,591	3,109	3,966,280	7,655,197	14,103,331
Woodstock	55	12,398,244	2,895	3,119,989	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	9,808,669	12,750,990
Fort William	38	29,319,893	1,260	1,633,112	5,767,321	11,578,386
Wallaceburg	20	7,122,347	1,236	1,570,930	6,398,709	9,999,782
Waterloo	36	12,267,234	1,502	1,738,738	3,881,690	9,809,148
Iroquois Falls	3	24,138,504	1,118	2,056,484	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
Mapuskasing	8	30,138,117	1,198	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	1,163,878	2,535,177	6,216,917
Owen Sound	55	7,892,208	1,909	1,865,308	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	559,743	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
Coderich	20	2,318,378	369	349,516	3,825,849	4,839,295
Hawkesbury	11	6,102,063	816	918,144	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	1,073	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
Barrie	19	3,796,384	640	655,825	1,677,515	3,962,587
Paris	20	5,552,897	1,150	1,072,544	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	2,470,849	3,573,690
Blind River	6	6,262,731	388	563,395	2,078,978	3,464,146
Renfrew	21	4,646,320	692	744,276	1,747,019	3,437,751
Hespeler	15	5,624,883	1,089	1,095,492	1,594,308	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
Anherstburg	10	13,862,778	278	453,147	408,074	3,064,933
Bridgeburg	20	2,420,145	352	527,829	1,188,361	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
Gananoque	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	692,822	1,243,593	2,575,295
Aylmer	7	2,269,072	245	206,913	1,226,716	2,467,087
Aurora	9	1,342,563	417	427,498	1,742,626	2,460,509
Cobourg	28	2,686,454	496	445,140	1,023,884	2,456,060
Trenton	26	3,341,001	604	586,563	1,180,060	2,307,397
Smiths Falls	22	3,968,754	691	785,443	1,111,250	2,272,021

MEMORANDUM

TO: SAC, NEW YORK

FROM: SAC, NEW YORK

SUBJECT: [Illegible]

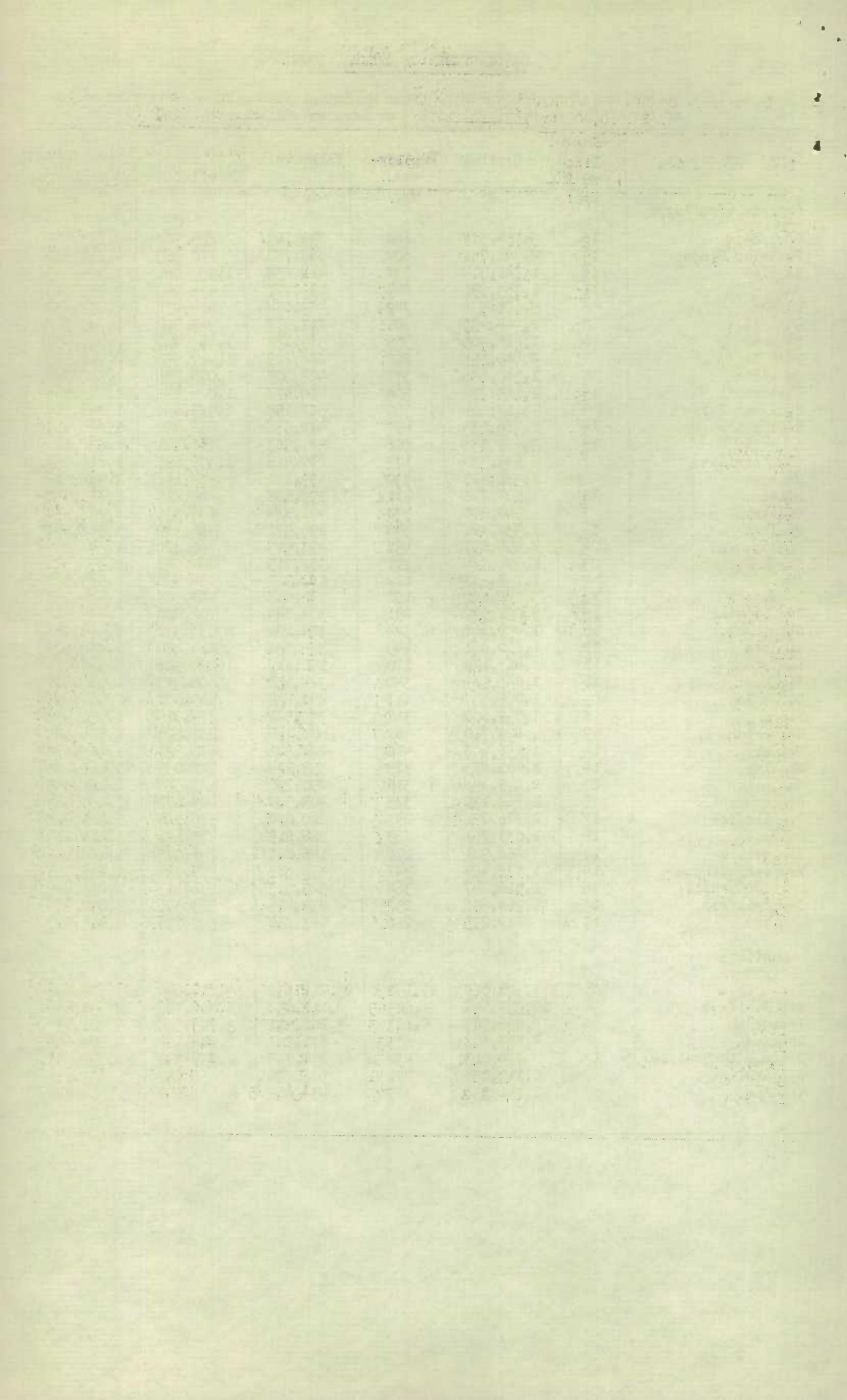
DATE: [Illegible]

Date	Time	Location	Activity	Remarks
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10/15/54	10:15	NYC	Meeting	[Illegible]
10/15/54	10:30	NYC	Meeting	[Illegible]
10/15/54	10:45	NYC	Meeting	[Illegible]
10/15/54	11:00	NYC	Meeting	[Illegible]
10/15/54	11:15	NYC	Meeting	[Illegible]
10/15/54	11:30	NYC	Meeting	[Illegible]
10/15/54	11:45	NYC	Meeting	[Illegible]
10/15/54	12:00	NYC	Meeting	[Illegible]
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10/15/54	13:00	NYC	Meeting	[Illegible]
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10/15/54	13:45	NYC	Meeting	[Illegible]
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10/15/54	23:45	NYC	Meeting	[Illegible]
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MANUFACTURES OF CANADA, 1929.

Table 16.- Statistics of Manufactures by Urban Municipalities with a gross production of \$1,000,000 or over, and with 3 or more establishments, 1929 (Cont'd.)

Towns and cities	Estab- lish- ments	Capital	Emplo- ees.	Salaries	Cost of Material	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Ontario (Cont'd.).						
Port Hope	28	3,104,575	648	798,727	735,302	2,191,402
Carleton Place	17	2,338,761	602	642,780	860,325	2,114,350
Barrie	18	1,741,914	348	414,854	1,353,461	2,084,963
Caledonia	11	1,353,991	249	290,771	834,443	2,075,132
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
Arnprior	15	3,659,833	506	541,983	861,401	1,832,748
Chesterville	7	958,330	173	240,416	1,302,697	1,825,959
Napanee	20	1,381,427	330	339,120	924,146	1,792,246
Milton	18	3,104,748	411	399,668	434,299	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	1,490,372
Ayr	7	1,139,973	112	117,328	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	702,893	1,437,982
Strathroy	16	1,459,668	324	314,134	871,370	1,434,452
Almonte	19	1,610,461	445	355,758	816,270	1,432,629
Tavistock	11	487,178	170	150,119	1,094,308	1,369,875
Wingham	16	1,045,985	341	324,658	808,323	1,366,518
Cache Bay	3	1,085,507	217	240,639	919,930	1,267,239
Flora	8	1,039,600	317	335,541	374,014	1,250,459
Milverton	9	423,710	87	78,748	901,675	1,206,721
Grimaby	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	1,035,860
Port Dalhousie	5	1,016,247	362	328,313	276,413	1,035,436
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
Manitoba						
Winnipeg	501	125,321,028	19,150	25,216,832	55,116,644	109,320,746
St. Boniface	36	10,357,696	1,685	2,114,032	18,000,728	24,933,836
Transcona	3	6,896,589	2,123	3,202,371	3,785,535	7,301,037
Brandon	38	4,553,802	533	671,222	2,506,168	4,288,029
Portage la Prairie	13	734,513	232	258,735	1,999,378	2,853,038
Selkirk	9	2,117,238	451	506,276	461,138	1,877,134
The Pas	7	1,241,136	323	434,865	504,120	1,564,446



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MANUFACTURES OF CANADA, 1929.

Table 16.9 Statistics of Manufactures by Urban Municipalities with a gross production of \$1,000,000 or over, and with 3 or more establishments, 1929 - Concluded.

Cities and Towns	Estab- lish- ments	Capital	Employ- ees	Salaries and Wages	Cost of Materials	Gross Value of products
	No.	\$	No.	\$	\$	\$
<u>Saskatchewan</u>						
Regina	75	27,824,798	3,134	4,632,788	22,077,914	34,842,487
Saskatoon	63	10,443,592	1,491	2,161,869	9,654,746	15,961,102
Moose Jaw	27	7,791,932	927	1,336,857	10,648,850	14,646,351
Prince Albert	18	2,533,389	428	504,037	2,418,750	3,951,349
<u>Alberta</u>						
Calgary	149	35,680,545	4,378	5,952,651	26,080,174	44,694,670
Edmonton	134	25,702,207	4,761	5,983,615	17,968,863	30,388,021
Medicine Hat	19	7,459,474	746	907,928	7,389,186	10,335,125
Lethbridge	25	3,181,884	445	564,362	1,681,438	4,206,859
Redcliffe	6	1,989,510	290	352,999	308,946	1,096,603
<u>British Columbia</u>						
Vancouver	639	129,078,372	16,663	21,882,312	50,933,163	99,646,413
New Westminster	59	14,540,655	2,575	3,093,334	10,117,810	16,531,325
Victoria	140	21,189,997	3,331	4,284,297	5,530,236	14,416,792
North Vancouver	18	6,374,540	879	1,256,593	1,942,892	4,032,703
Prince Rupert	20	4,734,271	403	736,786	2,126,118	3,126,046
Rossland	6	12,108,387	325	492,890	20,975	2,305,452
Port Alberni	7	1,592,570	382	471,695	1,040,983	2,286,852
Port Moody	5	1,811,128	346	423,620	1,067,348	1,920,888
Buncan	11	768,701	476	525,851	792,877	1,741,607
Nanaimo	27	1,559,603	545	479,983	697,758	1,518,552
Fernie	8	6,209,694	175	268,404	510,926	1,449,765
Kelowna	22	950,619	444	286,953	712,531	1,404,368
Port Coquitlam	4	695,308	191	248,037	458,346	1,013,472
Nelson	23	1,660,074	261	348,023	352,966	1,068,495

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