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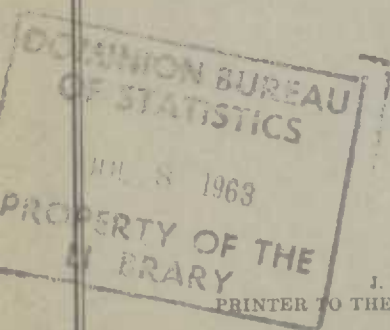
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CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF MANUFACTURES

The Manufacturing Industries of Canada, 1935

SUMMARY REPORT

Published by authority of the Hon. W. D. Euler, M.P.,
Minister of Trade and Commerce



OTTAWA
J. O. PATENAUDE, I.S.O.
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1938

Price 50 cents

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Dominion Bureau of Statistics—General Manufactures Branch
OTTAWA, CANADA

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Chief, General Manufactures Branch: A. COHEN, B.Com.

THE MANUFACTURING INDUSTRIES OF CANADA, 1935.**Section 1.—The Evolution of Canadian Manufacturing Industries.**

Early Manufactures.—The type of manufactures established in a community will, in the beginning, be largely determined, more especially where transportation charges are high, by the raw materials available in that community. For example, the first agricultural process to be carried on by Europeans in what is now the Dominion of Canada was probably the raising of a crop of grain at Port Royal, Nova Scotia, in 1605; the first corresponding manufacturing process was the grinding of the grain in the autumn of that year. Other early manufactures were necessarily connected with the satisfaction of the primary needs of human beings for food, clothing and shelter, and with the other primary need—protection. It is therefore significant that, at a census of occupations taken in 1681, a comparatively large number of tailors, shoemakers, masons, carpenters, gunsmiths and edge-tool makers were enumerated. Again, although the colonial policy of France under the old *régime* aimed at preventing the manufacture, in Canada, of any article which could be imported from the Mother Country, the uncertainties of transportation due to the colonial wars of the period—France and England were at war for 34 of the 74 years between 1689 and 1763—led to a necessary relaxation of restrictions. From the introduction of sheep raising and the manufacture of home-spun woollens arose the important textile industries of to-day, which are able to produce the finest fabrics of cotton, wool or silk.

Under the British *régime*, shipbuilding was conducted on a large scale in Quebec and New Brunswick, the industry reaching its climax of prosperity about 1865 when 105 Quebec-built ships with a total tonnage of 59,333 were registered. Thereafter, iron and steel ships gradually supplanted the wooden vessels, but the forests of Canada have since provided the raw material for the pulp and paper and other important industries.

One of the chief factors in the progress of Canada is the possession of many natural resources favourable to industrial growth. It is upon the country's agricultural resources, forests, minerals, and water powers that Canada's industries are mainly based. The fish and fur resources also make an important contribution of raw materials to the manufacturing industries of the Dominion. Nevertheless, the comparatively small home market, a large part of it in scattered agricultural areas, has always been one of the difficulties of the situation. In spite of this, Canada is now not merely the second largest manufacturing country in the British Empire; her exports to the other Dominions consist largely of manufactured goods and her exports of manufactured and partly manufactured goods to the United States exceed the exports of raw materials. The rate at which this movement is to continue will depend almost entirely upon the further development of the many-sided physical

assets of the country. The iron and steel used in manufacturing in Canada, as well as the coal which has supplied the manufacturing industries with power, has, in the main, been imported from the United States, chiefly because the principal manufacturing centres of this country in the St. Lawrence and Great Lakes region are fairly conveniently situated with regard to the coal and iron supplies of the United States and far away from the coal and iron supplies of the Maritime Provinces. In recent years coal has been increasingly replaced by electric power. The great bulk of the pig iron used in Canadian manufactures is now made in domestic blast furnaces.

Subsection 1.—Growth of Manufacturing in Canada since 1870.

Growth of Canadian Manufactures Prior to the War.—Until the later '90's, the growth of Canadian manufacturing industries was not particularly rapid, though the great fall in the prices of commodities during the period from 1873 to 1897 was largely responsible for the comparatively slow growth of the values of manufactured commodities from \$221,600,000 in 1870 to \$469,800,000 in 1890. Afterwards there was a change and the prices of commodities commenced to rise, while the industries generally shared in the advantages of the great growing period from 1900 to 1912. The gross product of establishments with five hands or over increased from \$368,700,000 in 1890 to \$1,166,000,000 in 1910 and to \$1,381,500,000 in 1915. The fundamental advantages of the position of Canada, her abundant raw material, her inexhaustible water power, her growing home market in the expanding West, had contributed to this result.

The Influence of the War.—The influence of the War upon the manufactures of Canada was profound and far-reaching, tending to promote the diversification of products and the production at home of many commodities which had been imported previously. On account of the practical suspension of the importation of manufactured goods of many kinds from Europe, enterprising Canadian manufacturers were given opportunities of entering upon new lines of manufacture with practical control of the market. There was added to this the reflex effect of the great prosperity of agriculture, produced by the unprecedented prices of war time, with the general result that industry worked at high pressure. Incidentally, factory methods become more specialized and a high degree of administrative and mechanical efficiency was attained, and Canada, partly owing to the absorption of the energies of Europe in the War, assumed a new position as one of the leading manufacturing countries of the world. The inflation of the war period also led to unprecedented figures of values produced.

This great boom in Canadian manufactures reached its height in the summer of 1920. Gross values in 1929, however, reached a higher point than in the post-war boom of 1920, although the prices of manufactured goods had dropped about 41 p.c. in the intervening period.

Effects of the Depression on the Manufacturing Industries of Canada.—The downward trend in manufacturing operations which began in the fall of 1929 continued with increasing force to about the middle of 1933. As a result, the output of manufactured products in 1933, valued at \$2,086,847,847, was the lowest annual average reached in the period. This was a decrease of 48.2 p.c. as compared with the peak year of 1929. In 1935 the value of production amounted to \$2,807,337,381, an increase of 10.8 p.c. over the previous year, but still 30.3 p.c. below the 1929 level. The number of persons employed decreased from 694,434 in 1929 to 493,903 in 1933, a drop of 28.9 p.c. For 1935, however, the number of employees was 582,874,

an increase of 6.9 p.c. over the 1934 figures. In spite of this increase, the employees in 1935 still numbered 16.1 p.c. below the 1929 figure. The decline in salary and wage payments exceeded even that of the number of employees, the drop between 1929 and 1933 being \$347,487,752 or 42.7 p.c. In 1935 the increase in salary and wage payments amounted to \$56,732,269 over 1934. Average earnings per employee, which in 1933 amounted to \$943, represented a decrease of 19.5 p.c. from the average earnings of \$1,171 in 1929. For 1935 average earnings were \$1,013. Table 8, p. 20, shows the percentage variation in employment, salary and wage payments and value of production since 1929.

The growth of manufacturing production since 1870 is shown in Table 1 following, while the increasing importance of Canadian manufacturing for the international market may be illustrated by the fact that Canadian exports of manufactured produce increased from less than \$3,000,000 per annum on the average of 1871-75 to \$614,000,000 in the post-war fiscal year ended Mar. 31, 1920. Exports of "fully or chiefly manufactured" products in the fiscal year ended Mar. 31, 1936, amounted in value to \$324,239,689, and exports of "partly manufactured" products to \$260,962,269.

1.—Historical Summary of Statistics of Manufactures for the Dominion, 1870-1935.

Prior to 1929, totals for the chemical industries included the value placed on intermediate products used in further processes in the producing works. To this extent, totals are not comparable to those of 1929 and subsequent years. Further, statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Net Value of Products. ¹	Gross Value of Products.
	No.	\$	No.	\$	\$	\$	\$
(All establishments irrespective of the number of employees.)							
1870.....	41,259	77,964,020	187,912	40,851,009	121,907,816	96,709,927	221,617,773
1880.....	49,722	163,302,623	254,935	59,429,002	179,918,593	129,757,475	309,676,068
1890.....	75,964	353,213,000	369,595	100,415,350	250,759,292	219,088,594	469,847,886
(Establishments with five hands and over.)							
1890.....	14,065	—	272,033	79,231,314	—	—	368,696,723
1900.....	14,650	446,916,487	339,173	113,249,350	266,527,858	214,525,517	484,053,375
1910.....	19,218	1,247,583,609	515,203	241,008,416	601,509,018	561,466,621	1,165,975,639
1915.....	15,593	1,958,705,230	—	283,311,505	794,943,433	589,603,792	1,381,547,235
(All establishments irrespective of the number of employees.)							
1917.....	22,838	2,696,154,030	621,691	509,382,027	1,541,087,416	1,332,180,767	2,873,268,183
1918.....	22,910	2,926,815,424	618,305	582,457,488	1,829,010,369	1,460,723,777	3,289,761,146
1919.....	23,219	3,095,075,799	611,008	618,463,139	1,780,629,840	1,509,870,745	3,290,500,585
1920.....	23,351	3,371,940,633	609,586	732,120,585	2,085,271,649	1,686,978,408	3,772,250,057
1921.....	22,235	3,190,026,358	556,076	518,785,137	1,366,893,685	1,209,143,344	2,576,037,029
1922.....	22,541	3,244,302,410	474,430	510,431,312	1,283,774,723	1,198,434,407	2,482,209,130
1923.....	22,642	3,380,322,950	525,267	571,470,028	1,470,140,139	1,311,035,375	2,781,165,514
1924.....	22,178	3,538,813,160	508,503	559,884,015	1,438,409,684	1,180,699,211	2,695,053,582
1925.....	22,331	3,808,309,981	514,225	596,015,171	1,587,665,408	1,280,504,159	2,948,515,315
1926.....	22,708	3,981,569,590	581,539	653,850,933	1,728,621,192	1,406,574,164	3,221,269,231
1927.....	22,936	4,137,631,558	618,933	693,932,228	1,758,789,334	1,514,296,557	3,391,713,270
1928.....	23,379	4,780,296,049	658,023	755,199,372	1,919,438,703	1,725,338,540	3,738,484,728
1929.....	23,597	5,083,014,754	694,434	813,049,812	2,032,020,975	1,891,940,456	4,029,374,440
1930.....	24,020	5,203,316,760	614,419	736,092,766	1,666,883,902	1,665,631,770	3,428,970,628
1931.....	24,501	4,961,312,408	557,426	624,515,561	1,223,880,011	1,390,409,237	2,698,461,862
1932.....	24,544	4,741,255,610	495,398	505,883,323	955,968,688	1,097,284,291	2,126,191,555
1933.....	25,232	4,689,373,701	493,903	465,562,090	961,488,674	1,048,259,450	2,086,847,847
1934.....	25,663	4,703,917,730	545,162	533,594,635	1,230,977,053	1,223,943,899	2,533,758,954
1935.....	25,491	4,698,891,853	582,874	590,326,904	1,420,885,153	1,302,178,099	2,807,337,381

¹ In accordance with a resolution passed by the Conference of British Commonwealth Statisticians, 1935, the net value of production is now computed by subtracting the cost of materials as well as the cost of fuel and electricity from the gross value of the products. Prior to this, only the cost of materials was deducted. The figures for 1924 and later years have, therefore, been revised in accordance with this resolution. The revision could not be carried back further as statistics for cost of electricity are not available for years prior to 1924.

2.—Summary Statistics of Manufactures, by Provinces, for Representative Years, 1917-35.

NOTE.—See headnote, Table 1.

Year and Province.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Net Value of Products. ¹	Gross Value of Products.
	No.	\$	No.	\$	\$	\$	\$
1917.							
Canada	22,838	2,696,154,830	621,694	509,382,027	1,541,087,416	1,332,180,767	2,873,268,183
P. E. Island.....	418	2,225,482	1,588	683,149	3,088,718	1,816,986	4,905,704
Nova Scotia.....	1,387	128,052,239	25,814	19,177,657	102,456,085	58,751,437	161,207,522
New Brunswick.....	987	64,010,777	20,201	13,192,740	32,466,048	27,096,000	60,462,048
Quebec.....	7,193	793,589,489	191,969	143,291,802	385,486,685	396,539,787	782,026,472
Ontario.....	9,471	1,302,675,630	306,270	264,442,393	795,095,511	685,063,845	1,480,159,356
Manitoba.....	816	95,530,452	20,055	17,381,806	69,884,850	45,062,533	114,947,383
Saskatchewan.....	633	30,096,623	6,846	5,906,150	22,093,445	15,529,428	37,622,873
Alberta.....	720	60,552,814	10,191	9,323,221	42,725,021	26,105,121	68,830,142
Brit. Columbia.....	1,202	215,681,355	38,689	35,864,308	87,764,650	74,978,844	162,743,494
Yukon.....	11	3,739,169	71	118,801	26,403	336,786	363,189
1920.							
Canada	23,351	3,371,940,653	609,586	732,120,583	2,085,271,649	1,686,978,408	3,772,250,057
P. E. Island.....	384	2,734,719	1,327	888,121	4,164,223	2,221,746	6,385,969
Nova Scotia.....	1,388	141,548,856	23,834	26,127,781	85,724,785	63,274,708	148,099,493
New Brunswick.....	928	105,671,688	19,241	19,505,048	60,812,641	46,010,631	107,723,272
Quebec.....	7,677	1,028,226,105	186,308	205,829,155	553,558,520	517,093,125	1,071,253,645
Ontario.....	9,473	1,668,079,488	300,794	369,846,193	1,071,883,374	822,570,783	1,894,414,157
Manitoba.....	773	112,896,616	24,381	33,357,872	92,729,271	65,492,637	158,221,908
Saskatchewan.....	639	31,727,162	7,182	10,249,392	34,894,105	24,655,529	59,549,634
Alberta.....	722	61,063,182	11,387	15,903,609	56,139,646	32,466,428	88,606,074
Brit. Columbia and Yukon.....	1,367	219,991,887	35,132	50,413,414	125,405,084	111,692,821	237,097,905
1922.							
Canada	22,541	3,244,302,416	474,430	516,431,312	1,283,774,723	1,198,434,407	2,482,209,136
P. E. Island.....	352	2,946,329	1,127	628,540	2,621,443	1,787,569	4,409,012
Nova Scotia.....	1,163	106,647,616	14,286	12,192,652	38,003,168	29,985,794	67,988,962
New Brunswick.....	897	82,230,895	14,351	12,201,014	38,059,376	24,821,281	64,880,657
Quebec.....	7,410	970,014,412	147,952	144,368,667	337,752,977	370,276,067	708,029,044
Ontario.....	9,388	1,696,738,996	243,297	275,559,006	678,746,675	617,752,828	1,296,499,503
Manitoba.....	781	88,779,517	14,188	18,274,012	54,630,668	41,326,416	95,957,084
Saskatchewan.....	614	31,101,612	4,196	5,618,174	22,450,051	16,357,481	38,807,532
Alberta.....	672	55,514,624	7,461	9,493,543	30,306,395	22,813,091	53,119,486
Brit. Columbia and Yukon.....	1,264	210,323,379	27,572	32,095,704	81,203,970	71,313,880	152,517,850
1926.							
Canada	22,708	3,961,569,590	581,539	653,850,333	1,728,624,192	1,406,574,164	3,221,269,231
P. E. Island.....	299	2,850,010	2,261	690,403	2,637,060	1,309,170	4,009,051
Nova Scotia.....	1,163	118,050,902	16,782	13,014,707	39,137,265	30,751,779	72,956,768
New Brunswick.....	910	95,061,154	17,674	14,609,734	44,074,961	27,453,289	73,601,794
Quebec.....	7,164	1,216,975,958	180,669	189,326,145	442,927,613	429,957,781	899,644,124
Ontario.....	9,457	1,985,165,921	280,353	335,164,239	908,044,673	711,978,793	1,661,379,326
Manitoba.....	797	127,445,924	21,201	20,973,850	75,000,529	54,646,677	132,129,988
Saskatchewan.....	674	33,943,060	4,904	6,397,545	29,128,035	16,129,107	47,093,432
Alberta.....	749	72,468,286	10,233	12,808,554	49,826,532	31,404,783	83,059,494
Brit. Columbia and Yukon.....	1,495	329,008,375	47,462	54,865,756	137,846,624	102,942,785	247,275,254
1929.							
Canada	23,593	5,083,014,754	694,434	813,049,842	2,032,920,975	1,894,910,456	4,029,371,340
P. E. Island.....	276	3,489,934	2,133	781,448	2,894,383	1,655,710	4,638,277
Nova Scotia.....	1,195	135,662,325	20,966	17,925,190	50,781,055	39,140,013	93,567,348
New Brunswick.....	860	117,065,970	18,517	15,712,322	39,845,223	29,051,944	70,825,654
Quebec.....	7,156	1,673,011,042	213,467	233,803,672	537,828,611	583,498,096	1,155,201,014
Ontario.....	9,410	2,418,340,450	339,859	421,789,723	1,057,407,249	975,407,258	2,080,391,439
Manitoba.....	923	173,152,948	26,318	34,158,583	88,055,264	71,933,922	163,806,010
Saskatchewan.....	761	38,877,124	8,047	10,438,759	51,143,205	26,749,222	80,435,537
Alberta.....	817	107,648,028	13,748	16,460,038	62,700,608	41,989,415	106,824,476
Brit. Columbia and Yukon.....	1,699	394,866,933	51,379	61,980,107	141,395,377	125,484,869	273,681,585

¹ See footnote to Table 1.

2.—Summary Statistics of Manufactures, by Provinces, for Representative Years, 1917-35—concluded.

Year and Province.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Net Value of Products. ¹	Gross Value of Products.
	No.	\$	No.	\$	\$	\$	\$
1933.							
Canada	25,232	4,688,373,704	493,903	465,562,090	969,188,574	1,048,259,450	2,086,847,847
P.E. Island.....	263	3,386,095	1,065	597,980	1,592,301	1,384,072	3,077,817
Nova Scotia.....	1,378	123,645,961	13,260	10,701,189	25,402,432	24,350,279	52,901,937
New Brunswick.....	800	122,130,573	11,904	9,877,690	20,471,624	21,453,127	44,826,347
Quebec.....	8,070	1,648,872,387	163,571	141,358,231	292,950,595	336,407,772	653,066,534
Ontario.....	10,158	2,087,072,413	235,810	234,391,900	465,106,584	510,578,550	1,005,233,502
Manitoba.....	1,073	179,720,120	20,749	20,699,449	44,697,266	44,608,801	91,408,441
Saskatchewan.....	818	64,950,579	5,614	5,871,180	19,164,919	15,251,760	36,199,608
Alberta.....	975	98,345,221	10,944	10,896,132	29,505,155	23,838,049	54,642,706
Brit. Columbia and Yukon.....	1,697	361,250,355	30,896	31,168,339	70,297,698	70,381,040	145,490,955
1934.							
Canada	25,663	4,703,917,730	545,162	533,594,635	1,230,977,053	1,222,943,899	2,533,758,954
P.E. Island.....	273	3,517,088	1,093	600,216	1,921,421	1,281,040	3,302,586
Nova Scotia.....	1,386	119,064,747	15,041	12,401,325	28,497,123	28,406,917	60,844,581
New Brunswick.....	847	123,476,314	13,522	11,367,625	24,637,918	26,357,257	54,057,847
Quebec.....	8,168	1,678,486,302	181,546	161,197,908	357,751,720	380,453,666	766,498,000
Ontario.....	10,322	2,063,721,375	259,621	270,834,102	610,485,807	611,303,863	1,255,325,701
Manitoba.....	1,077	183,937,703	21,723	22,020,990	54,719,460	48,484,665	105,358,000
Saskatchewan.....	845	65,975,159	5,986	6,093,983	24,289,080	16,238,427	42,261,723
Alberta.....	968	98,418,699	11,565	11,775,745	40,381,587	27,576,875	69,389,118
Brit. Columbia and Yukon.....	1,777	367,320,343	35,065	37,302,741	88,292,928	82,841,189	176,721,398
1935.							
Canada	25,491	4,698,991,833	582,874	590,326,904	1,420,845,153	1,302,179,699	2,897,337,381
P.E. Island.....	261	3,508,905	1,108	618,406	1,894,409	1,362,405	3,356,006
Nova Scotia.....	1,350	118,999,064	16,060	14,042,674	31,647,800	30,995,130	67,109,172
New Brunswick.....	872	115,635,568	13,937	11,680,095	25,551,371	27,643,364	56,344,190
Quebec.....	7,942	1,664,198,107	189,671	173,354,585	398,566,702	393,805,691	821,020,796
Ontario.....	10,266	2,064,194,151	281,438	303,807,207	718,570,816	668,918,734	1,423,562,474
Manitoba.....	1,099	198,822,314	23,239	24,701,066	67,929,760	47,349,314	117,734,292
Saskatchewan.....	880	66,271,171	6,355	6,524,411	28,046,921	16,076,149	46,821,302
Alberta.....	1,002	96,322,781	12,087	12,604,449	42,831,636	28,932,217	73,282,607
Brit. Columbia and Yukon.....	1,819	371,039,792	38,979	43,094,011	105,845,738	86,496,093	198,106,542

¹ See footnote to Table 1.

3.—Summary Statistics of Manufactures, by Industrial Groups, for Representative Years, 1917-35.

NOTE.—See headnote, Table 1.

Year and Industrial Group.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Net Value of Products. ²	Gross Value of Products.
	No.	\$	No.	\$	\$	\$	\$
1917.							
Totals	22,839	2,696,154,030	621,694	509,382,927	1,511,097,416	1,332,180,767	2,873,268,183
Vegetable products.....	3,816	274,732,765	61,288	44,780,329	365,483,923	181,072,143	546,556,066
Animal products.....	5,486	207,165,243	46,994	35,753,133	320,302,039	124,103,990	444,406,029
Textile products.....	1,360	196,823,197	82,639	51,180,060	132,479,763	115,739,096	248,218,859
Wood and paper.....	7,253	537,731,225	153,751	115,137,384	149,927,482	248,986,564	398,914,046
Iron and its products.....	1,404	634,642,989	142,416	140,334,255	357,688,333	334,616,810	692,305,143
Non-ferrous metals.....	296	69,421,911	18,220	15,898,890	46,445,469	41,039,351	87,484,820
Non-metallic minerals.....	1,410	150,328,144	22,284	19,360,952	38,724,530	60,802,754	90,527,284
Chemicals and allied products ¹	539	175,830,690	50,153	51,505,484	90,008,092	131,381,995	230,450,087
Miscellaneous industries.....	606	93,477,696	29,102	27,644,825	30,967,755	49,901,216	80,860,001
Central electric stations.....	666	356,004,168	8,847	7,777,715	Nil	44,636,848	44,536,848

¹ These figures do not correspond with those published in the Annual Report on Chemicals and Allied Products; the latter are revised and are directly comparable with those given here for 1929-35. See also headnote to Table 1.

² See footnote to Table 1, p. 7.

3.—Summary Statistics of Manufactures, by Industrial Groups, for Representative Years, 1917-35—continued.

Year and Industrial Group.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Net Value of Products. ¹	Gross Value of Products.
	No.	\$	No.	\$	\$	\$	\$
1920.	22,351	3,371,940,653	609,586	732,120,585	2,085,271,619	1,696,978,408	3,772,250,057
Vegetable products	4,219	394,123,233	72,380	75,095,530	532,484,195	234,317,527	766,801,722
Animal products	4,823	221,792,457	48,687	54,291,606	400,496,354	152,995,130	553,491,484
Textile products	1,304	302,758,185	87,730	84,433,609	256,233,300	173,741,035	429,974,335
Wood and paper	7,867	772,086,812	143,731	171,610,460	308,282,232	415,784,276	724,066,508
Iron and its products	1,690	642,904,322	146,204	205,414,599	349,642,666	365,473,097	715,115,763
Non-ferrous metals	324	109,382,033	23,162	27,895,343	48,434,120	52,847,178	101,281,298
Non-metallic minerals	1,176	223,541,735	27,361	34,406,423	74,200,407	85,216,316	159,416,723
Chemicals and allied products ¹	464	122,123,730	17,653	22,193,421	62,644,608	65,183,212	127,827,820
Miscellaneous industries	665	134,954,504	31,985	41,552,885	52,853,767	75,715,577	128,569,344
Central electric stations	819	448,273,642	10,693	14,626,709	Nil	65,705,060	65,705,060
1922.	22,511	3,244,302,410	474,430	510,431,312	1,283,774,723	1,198,434,407	2,482,209,130
Vegetable products	4,355	371,361,682	63,217	64,421,922	330,589,052	206,946,749	537,535,801
Animal products	5,118	201,820,414	49,595	49,933,679	264,078,631	107,473,382	371,552,013
Textile products	1,709	268,065,238	88,048	76,224,361	153,066,593	155,493,510	308,560,103
Wood and paper	6,983	761,188,396	118,462	132,084,914	206,682,820	283,131,962	489,814,782
Iron and its products	1,040	526,109,953	74,588	90,605,157	168,282,265	163,302,638	331,584,903
Non-ferrous metals	325	102,208,275	18,222	21,451,629	30,861,895	39,993,798	70,855,693
Non-metallic minerals	1,095	238,691,461	22,488	27,204,642	63,377,262	77,911,159	141,288,421
Chemicals and allied products ¹	469	118,025,483	14,082	16,770,503	47,039,926	48,904,259	95,944,185
Miscellaneous industries	542	88,753,756	15,064	17,236,255	19,796,279	32,948,084	52,744,363
Central electric stations	905	568,068,752	10,684	14,495,250	Nil	82,328,866	82,328,866
1926.	22,708	3,981,569,590	581,539	633,850,943	1,729,624,192	1,406,574,164	3,221,269,231
Vegetable products	4,529	449,250,004	73,908	75,349,586	414,316,414	234,330,172	658,320,716
Animal products	4,896	223,938,550	67,843	60,208,986	329,114,267	118,071,730	452,034,925
Textile products	1,698	317,275,429	100,572	88,504,752	202,832,383	158,203,397	366,334,644
Wood and paper	6,751	929,589,278	134,187	180,916,729	261,001,976	314,685,753	600,064,661
Iron and its products	1,142	507,982,098	103,510	137,640,065	258,020,373	234,326,351	505,188,849
Non-ferrous metals	403	202,503,426	30,095	39,201,147	90,613,004	84,993,291	183,501,723
Non-metallic minerals	1,240	261,724,184	26,045	31,986,949	82,293,319	77,491,488	174,156,923
Chemicals and allied products ¹	556	133,407,891	14,345	18,309,377	60,124,582	58,718,891	122,589,526
Miscellaneous industries	436	109,669,565	17,628	21,703,342	30,307,874	38,956,740	70,143,531
Central electric stations	1,057	756,220,066	13,406	19,943,000	Nil	80,796,351	88,933,733
1929.	23,597	5,083,614,754	694,434	813,049,842	2,032,020,975	1,894,910,456	4,029,371,340
Vegetable products	5,005	569,064,835	88,858	93,290,665	427,019,724	334,152,057	771,457,665
Animal products	4,490	243,825,065	67,670	62,081,423	345,351,882	127,929,857	477,761,855
Textile products	1,891	383,153,797	115,620	105,896,237	220,304,250	200,123,532	426,247,587
Wood and paper	7,405	1,152,075,234	164,800	192,235,448	314,203,289	381,913,307	726,819,740
Iron and its products	1,169	754,989,105	132,281	186,928,700	384,925,660	336,378,090	738,012,980
Non-ferrous metals	408	298,721,106	39,867	54,501,806	124,900,632	150,415,215	283,545,666
Non-metallic minerals	1,188	329,448,844	31,431	41,511,846	117,149,130	106,601,828	242,023,518
Chemicals and allied products ¹	554	165,886,912	16,694	22,639,449	55,184,337	78,785,911	138,545,221
Miscellaneous industries	463	130,118,324	21,049	29,123,447	42,982,071	58,740,708	103,073,662
Central electric stations	1,024	1,055,731,532	16,164	24,831,821	Nil	119,869,051	122,883,446

¹ These figures do not correspond with those published in the Annual Report on Chemicals and Allied Products; the latter are revised and are directly comparable with those given here for 1929-35. See also headnote to Table I.² See footnote to Table I, p. 7.

3.—Summary Statistics of Manufactures, by Industrial Groups, for Representative Years, 1917-35—concluded.

Year and Industrial Group.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Net Value of Products. ¹	Gross Value of Products.
	No.	\$	No.	\$	\$	\$	\$
1933.							
Totals	25,232	4,689,373,784	493,903	465,567,090	869,188,574	1,648,239,456	2,046,547,847
Vegetable products.....	5,542	509,533,005	73,095	66,137,487	224,243,088	189,134,032	421,849,872
Animal products.....	4,496	201,993,642	53,111	46,453,188	179,429,948	87,629,444	271,068,210
Textile products.....	2,151	322,312,247	106,235	80,695,813	144,584,507	143,990,608	294,715,248
Wood and paper.....	7,917	893,309,680	105,471	102,500,377	134,979,700	184,723,329	342,155,077
Iron and its products.....	1,291	580,760,379	70,947	69,482,730	97,705,853	105,667,318	211,961,908
Non-ferrous metals.....	478	266,266,443	25,273	28,099,026	71,990,608	88,427,984	164,765,604
Non-metallic minerals.....	1,144	307,996,274	19,296	21,680,263	71,713,986	60,503,998	141,791,451
Chemicals and allied products.....	696	153,900,930	15,397	18,738,629	34,271,854	55,394,284	92,820,761
Miscellaneous industries.....	476	66,769,049	10,361	10,342,700	10,269,030	17,124,800	28,187,635
Central electric stations.....	1,041	1,386,532,055	14,717	21,431,877	Nil	115,663,653	117,532,081
1934.							
Totals	25,663	4,703,917,730	545,162	533,594,635	1,230,977,053	1,272,943,999	2,533,758,954
Vegetable products.....	5,656	506,714,365	77,464	71,389,376	260,491,348	210,899,307	480,314,618
Animal products.....	4,504	210,260,801	57,199	50,191,368	226,262,465	94,998,316	325,703,683
Textile products.....	2,234	328,362,816	115,695	90,796,601	174,532,597	160,723,494	342,054,536
Wood and paper.....	8,075	884,503,673	116,691	117,360,969	155,389,258	223,240,884	404,435,948
Iron and its products.....	1,255	547,892,157	81,782	88,924,168	154,055,806	143,369,504	308,303,352
Non-ferrous metals.....	485	263,488,479	30,177	35,097,986	119,713,328	112,155,502	237,233,670
Non-metallic minerals.....	1,164	307,338,479	21,959	24,905,554	84,508,166	71,357,352	166,782,852
Chemicals and allied products.....	736	156,788,418	17,130	20,919,740	41,998,776	62,216,030	108,052,039
Miscellaneous industries.....	508	67,716,376	12,091	12,179,382	14,025,309	21,521,517	36,414,643
Central electric stations.....	1,043	1,430,852,166	14,974	21,829,491	Nil	122,461,993	124,463,613
1935.							
Totals	25,491	4,698,991,853	562,874	590,326,964	1,420,885,153	1,302,179,099	2,607,337,381
Vegetable products.....	5,402	496,256,485	79,285	74,859,447	283,681,945	217,051,454	509,822,142
Animal products.....	4,402	211,672,508	60,124	54,035,134	247,375,247	99,633,595	351,643,587
Textiles and textile products.....	2,275	329,197,254	120,699	96,574,954	183,920,438	166,228,533	357,106,277
Wood and paper products.....	8,186	873,756,949	123,724	128,196,524	175,040,681	239,387,227	441,160,387
Iron and its products.....	1,249	555,144,467	95,426	110,402,366	203,981,458	173,634,965	390,228,929
Non-ferrous metal products.....	505	261,625,967	33,613	40,315,477	174,906,971	107,898,470	288,523,250
Non-metallic mineral products.....	1,188	300,455,725	23,342	27,425,224	88,969,870	75,846,415	176,184,717
Chemicals and allied products.....	734	147,472,534	18,933	23,715,305	48,316,876	66,001,290	118,574,228
Miscellaneous industries.....	509	63,588,796	12,270	12,282,480	14,691,667	21,437,115	36,978,953
Central electric stations.....	1,041	1,459,821,168	15,458	22,519,993	Nil	135,060,035	137,114,911

¹ See footnote to Table 1, p. 7.

Summary Statistics of Manufactures.—In Table 4 will be found an analysis of the most important statistics of manufacture for the period 1917 to 1935, brought together in order that the tendencies in Canadian manufacturing industries may be traced as clearly as possible through this latest period of their development. In analysing statistics of production and materials used, it should be borne in mind that, due to the inflation of values during the War and immediate post-war periods and the drop in prices of commodities during the depressions of 1921 and 1930, the figures for these years become largely incomparable. One very important figure, however, which shows the trend of development clearly and uninterruptedly, is concerned with the use of power. In the analysis on p. 13 the aim is to show the position of power as a factor in general manufacturing production. Therefore, the power installation of central electric stations has been excluded. The total horse-power employed increased from 1,664,578 in 1917 to 4,346,775 in 1935, an increase of 162 p.c. in eighteen years. In the same period horse-power per wage-earner increased from 3.04 to 9.29, indicating the rapidly increasing utilization of electric power in manufacturing production. The significant feature is the increase in both the absolute figures of power employed and the average per wage-earner during the depression years as compared with 1929, although the large numbers of persons finding employment during 1934 and 1935 have reduced averages for those years compared with 1933. Another interesting comparison is the downward trends of value added by manufacture per employee and of average salaries and wages paid since 1929. However, compared with 1917 the figures for average salaries and wages in 1935 represent an increase of 23.7 p.c., while the increase in the value added by manufacture per employee is only 4.3 p.c., and wholesale prices of commodities declined 36.9 p.c. in the same period.

Value of Products.—The gross value of manufactured products in 1935 was reported as \$2,807,337,381; the cost of materials, including fuel and electricity, was \$1,505,158,282, leaving \$1,302,179,099 as the value added by manufacture. As the finished products of one branch of manufacture are constantly used as materials in other branches in the ascending scale of modern industry, it follows that they are counted over and over again, swelling in this manner the total gross value of products. The total value of manufactured products, strictly defined, would include: (1) the value of all raw materials obtained from the extractive and primary production industries which have entered into the manufacturing output; and (2) the entire value added to these raw materials by manufacturing processes from the time they first entered any factory up to the close of the census year. This total value would be very much greater than the \$1,302,179,099 shown as having been added by manufacture, but not so great as the \$2,807,337,381 shown as the gross value of production.

4.—Summary Statistics of Manufactures for Representative Years, 1917-35.

Item.		1917.	1920.	1925. ¹	1929. ¹	1930. ¹	1933.	1934.	1935.
Establishments.....	No.	22,838	23,351	22,708	23,597	24,020	25,232	25,663	25,491
Capital.....	\$	2,696,154,030	3,371,940,653	3,981,569,690	5,053,014,754	5,203,316,760	4,689,373,704	4,703,917,730	4,698,991,853
Averages, per establishment.....	\$	118,056	144,402	175,338	215,409	216,624	185,850	183,296	184,331
Averages, per employee.....	\$	4,337	5,531	6,486	7,320	8,074	9,494	8,628	8,862
Averages, per wage-earner.....	\$	4,876	6,404	7,967	8,503	9,435	11,741	10,560	9,845
Totals, employees.....	No.	621,694	609,586	581,539	694,434	644,439	493,903	545,162	582,874
Averages, per establishment.....	No.	27.2	26.1	25.6	29.4	26.8	19.6	21.2	22.9
Totals, salaries and wages.....	\$	509,382,027	732,120,585	653,850,933	813,049,842	736,092,766	465,562,090	533,594,635	590,326,904
Averages, per establishment.....	\$	22,304	31,353	28,794	34,456	30,645	18,451	20,792	23,158
Averages, per employee.....	\$	819	1,201	1,124	1,171	1,142	943	979	1,013
Employees on salaries.....	No.	68,726	83,015	81,794	96,607	92,943	94,494	99,730	105,579
Averages, per establishment.....	No.	3.0	3.6	3.6	4.1	3.8	3.7	3.9	4.1
Salaries.....	\$	89,287,158	148,267,360	152,705,944	188,747,672	184,239,117	151,860,323	160,986,876	173,020,195
Averages, salaries.....	\$	1,299	1,786	1,867	1,954	1,982	1,607	1,614	1,639
Employees on wages.....	No.	552,968	525,571	499,745	597,827	551,496	399,409	445,432	477,295
Averages, per establishment.....	No.	24.2	22.6	22.0	25.3	23.0	15.8	17.4	18.7
Wages.....	\$	420,094,869	583,853,225	501,144,989	624,302,170	551,853,649	313,701,767	372,607,759	417,306,709
Averages, wages.....	\$	760	1,109	1,003	1,045	1,001	785	837	874
Cost of materials.....	\$	1,541,087,416	2,085,271,649	1,728,624,192	2,032,020,975	1,666,983,902	969,188,574	1,230,977,053	1,420,885,153
Averages, per establishment.....	\$	67,479	89,301	76,124	86,114	69,400	38,411	47,967	55,741
Averages, per employee.....	\$	2,479	3,421	2,972	2,926	2,587	1,902	2,258	2,438
Values added in manufacture ²	\$	1,332,180,767	1,686,978,408	1,406,574,164	1,894,910,456	1,665,631,770	1,048,259,450	1,222,943,899	1,302,179,099
Averages, per establishment ²	\$	58,332	72,245	61,942	80,303	69,344	41,545	47,654	51,094
Averages, per employee ²	\$	2,143	2,767	2,419	2,729	2,585	2,122	2,243	2,284
Gross values of products.....	\$	2,873,268,183	3,772,250,057	3,221,269,231	4,029,371,340	3,428,970,628	2,086,847,847	2,533,758,954	2,807,337,381
Averages, per establishment.....	\$	125,811	161,546	141,856	170,758	142,755	82,706	98,732	110,130
Averages, per employee.....	\$	4,622	6,188	5,539	5,802	5,321	4,225	4,648	4,816
Power employed ²	h.p.	1,664,578	2,068,745	3,134,248	3,867,979	4,051,744	4,149,181	4,244,696	4,346,775
Averages, per establishment ²	h.p.	75	92	145	171	176	172	172	178
Averages, per wage-earner ²	h.p.	3.04	3.97	6.37	6.58	7.49	10.61	9.72	9.29

¹ A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years. ² These figures for power in this table represent the installation in manufactures exclusive of central electric stations; statistics of central electric stations are also excluded from the number of establishments and of wage-earners in working out the averages. ³ See footnote to Table 1, p. 7.

Subsection 2.—Volume and Consumption of Manufactured Products.

Volume of Manufacturing Production in Recent Years.*—An investigation of the greatest importance, especially in a period when values are rapidly changing, is that of the volume of manufacturing production as distinguished from its value. Since real income is ultimately measured in goods and services, the growth of the volume of manufactures, becomes a matter of great importance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The ever-increasing use of factory products is one of the most significant features of modern life. The process has continued until at the present time fresh fruits and vegetables are about the only articles which reach the consumer without, in some way, being first processed at a factory. Fresh milk is pasteurized and bottled in a dairy plant, fresh fish and meats are dressed principally in packing plants and the home preserving of fruits and vegetables is being superseded by more efficient processes in the canning factory. Thus even the foods we eat, as well as the clothing we wear, our household conveniences and our instruments of production and transportation, are increasingly products of factories. The growing volume of factory production, therefore, measures approximately the total flow of the economic goods upon which the rising standards of modern life so vitally depend.

The statistics of manufactures afford a variety of measures of the growth of factory production. The number of wage-earners, capital invested, value of production and value added by manufacture all show to some extent the direction and volume of growth. The value of production and that added by manufacture, being reported in dollars, are influenced by price changes as well as the quantity of goods produced, and, as already explained, become misleading under the violent price changes of the past fifteen years. The capital invested is also affected by changing money values, while the relation between capital invested and value of goods produced varies greatly as between one industry and another. Neither is the number of wage-earners employed likely to be a representative measure of changes in the volume of production. The progressively increasing use of machinery and the rise in the power installed per wage-earner (see Table 4) tend to increase the employee's output. Thus, while the reported wage-earners in 1935 had increased 6.8 p.c. from the number in 1923, the volume of production is estimated to have increased 30.2 p.c. in the same period.

The central electric stations were excluded from general manufactures in making the index, since this industry is unique in that the product is energy in contrast to physical commodities; it is also unique in the magnitude of capital investment and the smallness of its labour force in proportion to net production. The index is based on the quantities of manufactured products reported and includes 71.1 p.c. of the total value of the production in 1926, exclusive of central electric stations. It is weighted according to the values added by manufacture in 1926. A complete description of the manner in which the index is constructed will be found in the publication referred to in the footnote to this page.

The physical volume of manufacturing production, exclusive of central electric stations, increased 50.2 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11.3 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth

* For a much more detailed and comprehensive treatment of this subject, see the study "The Quantity of Manufacturing Production in Canada 1923-29" by A. Cohen, B. Com., Chief, General Manufactures Branch, Dominion Bureau of Statistics.

5.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923, 1929 and 1932-35.

(1926=100.)

Classification and Group.	1923.	1929.	1932.	1933.	1934.	1935.
Component Material Classification—						
Vegetable products.....	78.3	121.6	92.5	90.9	103.3	108.6
Animal products.....	81.4	95.4	83.2	86.4	93.9	99.1
Textiles and textile products.....	84.9	113.6	98.5	107.1	118.1	124.8
Wood and paper products.....	83.4	127.5	87.2	89.3	104.5	115.0
Iron and its products.....	82.2	129.7	53.4	50.5	68.1	84.5
Non-ferrous metals.....	72.9	138.7	100.4	98.3	120.8	138.5
Non-metallic minerals.....	85.9	145.0	84.4	77.8	91.9	99.1
Chemicals and allied products.....	84.0	120.4	93.7	99.2	112.5	123.8
Miscellaneous industries.....	80.1	110.0	66.1	58.9	70.8	76.6
Totals, All Industries¹.....	81.8	122.9	81.9	82.0	96.5	106.5
Purpose Classification—						
Food.....	84.7	102.8	92.7	91.9	101.0	104.1
Clothing.....	82.9	114.8	93.2	97.9	105.1	110.5
Drink and tobacco.....	76.0	140.5	101.7	96.2	110.3	125.2
Personal utilities.....	85.4	101.9	70.6	71.0	79.8	87.9
House furnishings.....	78.9	137.7	89.9	87.3	100.5	109.2
Books and stationery.....	93.1	131.5	127.6	122.0	138.7	154.9
Producers materials.....	84.9	124.7	75.0	77.9	94.7	105.6
Industrial equipment.....	76.3	129.5	75.6	70.2	87.5	100.5
Vehicles and vessels.....	71.4	131.6	52.4	53.3	70.7	83.5
Miscellaneous.....	85.0	125.1	99.4	113.3	137.5	148.6

¹ Exclusive of Central Electric Stations.

of population would be about 11.3 p.c. Exports of partly and fully manufactured goods increased from \$591,830,000 in the fiscal year ended Mar. 31, 1924, to \$690,904,000 in the fiscal year 1930, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in the capital equipment and by the rise in the standard of living of the population of Canada.

As may be seen from Table 5, all groups in the component material classification reported declines in the volume of production during the depression. In comparing the low point of the depression, *viz.*, 1933; with 1929 it is found that the iron and steel group suffered the greatest contraction in production with a decrease of 61.1 p.c. This was followed by the miscellaneous industries group, with a decrease of 46.5 p.c., non-metallic mineral products 46.3 p.c., wood and paper products 30.0 p.c., non-ferrous metal products 29.1 p.c., vegetable products 25.2 p.c., chemicals and allied products 17.6 p.c., animal products 9.4 p.c. and textiles and textile products 5.7 p.c.

In 1934 and 1935 there was a material improvement, the index of production for all industries rising from 82.0 in 1933 to 106.5 in 1935. In spite of this improvement only three groups—textiles, animal products and chemicals—are above the 1929 level of production. The output of textiles in 1935 was about 10 p.c. greater than in 1929. This is an all-time record for this group of industries.

In analysing the changes in the volume of production, on a purpose classification basis, some interesting facts are revealed. In comparing 1933 with 1929 it is found that the food group reported a decrease of 10.6 p.c., while that of clothing decreased 14.7 p.c. The output of vehicles and vessels, which is largely made up of the automobile and rubber-tire industries, recorded a decrease of 59.5 p.c.—this is the greatest decrease of any group. Producers materials and industrial equipment declined 37.5 p.c. and 45.8 p.c. respectively, due to the general decline in industrial activity. House furnishings dropped 36.6 p.c., personal utilities 30.3 p.c., drink and tobacco 31.5 p.c., and books and stationery 7.2 p.c. The decrease

in the personal utilities group needs some explanation. The production of musical instruments, which is included in this group, has been decreasing steadily during the past few years, the output of pianos, phonographs and phonograph records becoming smaller and smaller. The main product of the musical instruments industry, namely, the radio, is now produced in the electrical apparatus industry. This industry, however, is credited to the industrial equipment group, as by far the largest part of its output consists of industrial equipment.

All groups shared in the improvement which occurred in 1934 and 1935. Only one of the major groups, viz., "food", exceeded its 1929 production figure. The only other exceptions were two minor groups, "books and stationery" and "miscellaneous".

The index of the physical volume of production dropped from 122.9 in 1929 to 82.0 in 1933 and then rose to 106.5 in 1935, making a net decrease of 13.3 p.c. This decrease is significant when compared with a decrease of 31.3 p.c. in the net value of production and 20.1 p.c. in the number of wage-earners employed.

6.—Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, 1923, 1929 and 1932-35.

(1926=100.)

Group and Class.	1923.	1929.	1932.	1933.	1934.	1935.
Food	84.7	102.8	92.7	91.9	101.0	104.1
Breadstuffs	90.8	110.6	97.4	94.5	103.0	103.8
Fish	74.1	77.9	57.2	59.2	70.0	66.7
Fruit and vegetable preparations	59.3	127.5	109.4	116.2	137.3	147.6
Meats	90.1	97.3	90.6	94.4	106.5	107.0
Milk products	87.4	96.7	100.8	98.5	106.5	113.3
Oils and fats	111.5	87.8	101.9	89.9	101.9	119.9
Sugar	74.3	83.0	84.1	77.4	78.7	86.1
Infusions	97.0	112.9	114.8	124.2	136.3	142.6
Miscellaneous	82.9	120.2	111.6	118.7	132.2	150.4
Clothing	82.9	114.8	93.2	97.9	105.1	110.5
Boots and shoes	79.8	110.0	83.0	87.4	92.5	97.2
Fur goods	48.3	114.6	89.3	95.1	97.6	101.2
Garments and personal furnishings	90.6	113.3	87.8	96.5	107.9	115.7
Gloves and mittens	93.9	133.3	97.7	121.1	145.6	145.9
Hats and caps	67.1	109.2	87.0	85.1	100.6	107.9
Knitted goods	83.9	111.4	103.2	107.5	113.4	116.4
Waterproofs	78.4	143.8	107.9	105.2	112.1	140.5
Miscellaneous	97.7	138.0	128.1	120.4	118.4	122.4
Drink and Tobacco	76.0	110.5	101.7	96.2	110.3	125.2
Beverages, alcoholic	69.2	118.0	94.0	84.6	101.0	119.7
Beverages, non-alcoholic	86.0	146.8	137.4	131.5	143.4	155.9
Tobacco	81.3	133.3	108.8	113.4	121.9	129.3
Personal Utilities	85.4	101.9	70.6	71.0	79.8	87.9
Jewellery and time-pieces	92.4	104.2	78.3	79.7	89.1	103.1
Recreational supplies	93.0	85.0	28.0	23.2	32.5	35.6
Personal utilities	78.6	111.7	104.1	109.3	116.6	127.0
House Furnishings	78.9	137.7	89.9	87.3	100.5	109.2
Books and Stationery	93.1	131.5	127.6	122.0	138.7	154.9
Producers Materials	84.9	124.7	75.0	77.9	94.7	105.6
Farm materials (fertilizers)	78.3	130.8	381.1	505.8	609.1	675.3
Manufacturers materials	82.9	124.4	82.9	91.0	111.2	123.7
Building materials	88.0	123.1	54.1	47.3	57.7	65.4
General materials	95.4	133.4	79.2	76.8	88.0	96.0
Industrial Equipment	76.3	129.5	75.6	70.2	87.5	100.5
Farming equipment	66.8	98.9	25.4	29.6	41.2	59.0
Manufacturing equipment	86.2	131.4	65.0	58.2	79.5	101.8
Trucking equipment	83.3	110.4	120.2	120.6	133.6	137.3
Service equipment	96.3	107.9	103.7	103.1	113.3	157.6
Light, heat and power equipment	66.2	149.0	100.3	87.7	106.7	122.8
General equipment	84.3	130.0	68.2	66.4	85.1	93.8
Vehicles and Vessels	71.4	131.6	52.4	53.3	70.7	83.5
Miscellaneous	85.0	125.1	99.4	113.3	137.5	148.6
Totals, All Manufactures	81.8	122.9	81.9	82.0	96.5	106.5

The construction of this new index of the volume of manufacturing production has superseded, for 1923 and later years, the index published in 1931 and previous years. The former index, which made no pretence to the reliability of the new one, was made by dividing the gross value of manufactures by the index number of the prices of manufactured goods. The central electric stations were included in the former index, while they are excluded from the new one. However, the former index covered the period 1917 to 1923 not covered in the new one and, since this earlier period was one of wide fluctuations in money values, the following index numbers are given for the whole period since 1917, using the earlier method, but excluding central electric stations, for the years 1917 to 1922, and the new index, transposed to the 1917 base, from 1923 to 1935.

INDEXES OF THE VOLUME OF MANUFACTURING PRODUCTION, 1917-35.

(1917=100.)

1917.....	100.0	1922.....	96.0	1927.....	136.5	1932.....	105.0
1918.....	102.0	1923.....	104.8	1928.....	148.8	1933.....	105.1
1919.....	98.1	1924.....	102.9	1929.....	157.5	1934.....	123.7
1920.....	95.0	1925.....	112.7	1930.....	142.8	1935.....	136.4
1921.....	86.1	1926.....	128.1	1931.....	124.1		

Consumption of Manufactured Products.—One of the beneficial results of placing the classification of external trade and of production upon a common basis is exhibited in Table 7, where the value of commodities made available for consumption in Canada is derived from the statistics of the two important fields. For example, the value of all manufactured commodities made available in a period approximately corresponding to 1935 was \$2,607,807,756, a figure obtained by adding to the value of manufactured products in 1935 the value of the imports of manufactured and partly manufactured goods during the fiscal year ended Mar. 31, 1936, and deducting the value of the corresponding exports for the same period. In this table more accurate statistics could be presented were it possible to exclude from the gross value of manufactured products the duplications involved when the products of one manufacturing establishment become the materials worked upon in another. Vegetable, iron, textile, animal, and wood and paper products were, in that order, the leading groups in the value of finished goods made available for consumption. The large amount of manufactured vegetable products made available for consumption was due to the large domestic production, as the exports and imports were about equal, while manufactures of textiles and iron and steel products, in addition to a large production, showed an excess of imports over exports of \$51,000,000 and \$56,000,000, respectively. Wood and paper, animal, and non-ferrous metal products were manufactured in Canada in greater quantities than required for home consumption, providing export balances in these groups of manufactures.

In 1929, the order of the groups by the values available for consumption was iron, vegetable, textile, wood and paper, and animal products. In that year the value of iron products available for consumption represented 22.4 p.c. of the total for all products; in 1935 iron products represented only 17.1 p.c. of the total. Since 1929 the consumption of vegetable, animal, chemical, and textile products has been much better maintained than that of iron, non-metallic mineral, and wood products.

7.—Consumption of Manufactured Products, by Groups, 1935, with Totals for 1922-34.

NOTE.—Statistics of manufacturing production are for the calendar year. Imports and exports of manufactured and partly manufactured goods are for the fiscal years ended Mar. 31 of the following years.

Group of Industries.	Value of Products Manufactured.	Manufactured and Partly Manufactured Goods.		Value of Manufactured Products Available for Consumption.
		Value of Net Imports.	Value of Domestic Exports.	
	\$	\$	\$	\$
Totals, 1922	2,482,209,130	574,551,333	515,173,415	2,541,587,038
Totals, 1923	2,781,165,514	639,343,645	591,829,306	2,828,679,853
Totals, 1924	2,695,053,582	576,631,243	591,598,479	2,679,186,346
Totals, 1925	2,948,545,345	671,462,940	695,325,245	2,921,683,010
Totals, 1926	3,221,269,231	767,022,008	673,709,266	3,314,341,973
Totals, 1927	3,394,713,270	835,147,913	648,178,000	3,571,683,189
Totals, 1928	3,738,484,728	954,468,018	702,314,797	3,990,637,949 ¹
Totals, 1929	4,029,371,340	939,726,894	690,904,225	4,277,694,009
Totals, 1930	3,428,970,628	675,919,565	494,561,750	3,610,328,443
Totals, 1931	2,698,461,862	423,610,230	450,166,608	2,771,965,484
Totals, 1932	2,126,194,555	281,928,859	269,423,169	2,138,700,245
Totals, 1933	2,046,847,847	294,135,224	367,873,223	2,017,109,848
Totals, 1934	2,533,758,964	357,388,394	422,113,451	2,469,033,897
Vegetable products.....	509,822,142	65,736,359	68,382,814	507,175,687
Animal products.....	351,643,587	11,495,715	56,506,222	308,633,080
Textiles and textile products.....	357,106,277	60,040,183	8,627,930	408,518,530
Wood and paper products.....	441,160,387	22,540,966	170,111,902	293,589,451
Iron and its products.....	390,228,929	108,958,126	52,358,206	446,828,849
Non-ferrous metal products.....	288,523,250	25,060,762	192,086,385	121,497,627
Non-metallic mineral products.....	176,184,717	30,657,563	7,996,581	198,845,699
Chemicals and allied products.....	118,574,228	29,505,070	16,018,391	132,060,916
Miscellaneous industries.....	36,078,953	29,002,288	9,852,710	56,628,531
Central electric stations.....	137,114,911	75,292	3,160,817	134,029,386
Totals, 1935	2,807,337,381	385,672,333	585,201,958	2,607,607,756

¹ For 1928 to 1935 foreign products imported and later re-exported are eliminated from the value of products available for consumption, but for 1927 and previous years this was impossible, since foreign exports for these years had never been analysed as raw materials or partly or fully manufactured goods. Therefore in this table the value of manufactured products made available for consumption, for the years 1922 to 1927, inclusive, is an overstatement by the amount of the foreign exports of manufactured goods in each year, probably varying from about \$11,000,000 in 1922 to \$18,000,000 in 1927.

Section 2.—Production of Industrial Groups and Individual Industries.

The manufacture of products of vegetable origin comprises the most important group of industries, the output in 1935 being valued at \$509,822,142 or 18·2 p.c. of the total value of production. Wood and paper products with an output valued at \$441,160,387 or 15·7 p.c. of the total ranked second, followed by iron and its products with \$390,228,929, textiles \$357,106,277, animal products \$351,643,587, non-ferrous metal products \$288,523,250, non-metallic mineral products \$176,184,717, central electric stations \$137,114,911, chemical products \$118,574,228, and miscellaneous industries \$36,978,953.

In employment, the importance of the groups is different. Under this category, the wood and paper group with 123,724 or 21·2 p.c. of the total employees occupies the premier position. Textiles with 120,699 or 20·7 p.c. of the total comes second, followed by iron and its products with 95,426, vegetable products 79,285, animal products 60,124, non-ferrous metal products 33,613, non-metallic mineral products 23,342, chemical products 18,933, central electric stations 15,458, and miscellaneous industries 12,270.

Analysis by Groups of Industries.—In spite of the improvement which took place during 1934 and 1935 the number of employees in 1935 is still 16·1 p.c. below the number employed in 1929, with a still greater decrease of 27·4 p.c. in salaries and wages paid. This reflects the lower level of wages prevailing in 1935 as compared with 1929. Due to the drop in the wholesale prices of manufactured products, the value of production dropped 30·3 p.c. between 1929 and 1935 while the physical volume decreased only 13·3 p.c. The iron and its products group was hit hardest by the depression. In gross value of products, the output of these industries was reduced by 71·3 p.c. in 1933 compared with 1929. In salaries and wages paid the reduction was 62·8 p.c. and in employees 46·4 p.c. The wood and paper group and those of non-ferrous metals and animal products suffered severely but not by any means as much as in the first group named. The records of central electric stations, the chemical and textile industries were particularly good; the first named showed the least reduction of all groups in gross value of production, but the chemicals showed the smallest reductions in both employees and salaries and wages paid. The miscellaneous group of industries showed a reduction of 72·7 p.c. in gross value of products, 50·8 p.c. in the number of employees and 64·5 p.c. in the salaries and wages paid. This group was not as severely affected as these figures would indicate, the bridge-building industry having been transferred from this group to that of iron and its products in 1930. On the other hand, the iron and its products group, suffered more severely than is implied by the figures.

From the low year of the depression, so far as the manufacturing industries are concerned, *viz.*, 1933, while there has been marked improvement in all groups, iron and non-ferrous metal products have shown the greatest improvement in gross value of products and quite naturally central electric stations have shown the least. In number of employees and salaries and wages paid, iron and its products is also the leader. It is of interest to note that in the section of the table below which compares 1935 data with those for 1929, as regards employees engaged, two industrial groups—chemicals and textiles—actually show increases. The miscellaneous group of industries and iron and its products have made the least headway towards the 1929 level, although, the latter group has made a very marked advance from the low point of the depression.

8.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Manufacturing Industries in the Six-Year Period 1929-35.

Group of Industries.	Low Point of the Depression Compared with 1929.			1935 Compared with 1929.			1935 Compared with 1933.		
	Em- ployees.	Salaries and Wages.	Gross Value of Pro- ducts.	Em- ployees.	Salaries and Wages.	Gross Value of Pro- ducts.	Em- ployees.	Salaries and Wages.	Gross Value of Pro- ducts.
Vegetable products.....	-17.7	-29.1	-43.2	-10.8	-19.8	-33.9	+ 8.5	+13.2	+20.9
Animal products.....	-26.2	-25.9	-45.0	-11.2	-13.0	-26.4	+13.2	+16.3	+29.7
Textiles and textile products.....	-11.7	-21.8	-35.6	+ 4.4	- 8.8	-16.2	+13.6	+19.7	+21.2
Wood and paper products.....	-36.0	-46.7	-52.9	-24.9	-33.3	-39.2	+17.3	+25.1	+28.9
Iron and its products ¹	-46.4	-62.8	-71.3	-27.9	-40.0	-47.1	+34.5	+58.9	+84.1
Non-ferrous metal products.....	-33.0	-39.9	-46.4	-15.7	-26.0	+ 1.7	+33.0	+43.5	+75.1
Non-metallic mineral products.....	-38.6	-47.8	-41.4	-25.7	-33.9	-27.2	+21.0	+26.5	+24.3
Chemicals and chemical products.....	- 7.8	-17.2	-33.0	+13.4	+ 4.7	-14.4	+23.0	+26.6	+27.7
Miscellaneous products ¹	-50.8	-64.5	-72.7	-41.7	-57.8	-64.1	+18.4	+18.7	+31.2
Central electric stations.....	-17.6	-21.5	- 6.8	- 4.4	- 9.3	+11.6	+ 5.0	+ 5.1	+16.7
Averages for All Industries.....	-28.9	-42.7	-48.2	-16.1	-27.4	-30.3	+18.0	+26.8	+24.5

¹ In 1930 bridge building, formerly included with miscellaneous products, was transferred to the iron and its products group.

Subsection 1.—Manufactures Grouped by Chief Component Materials.

A classification based on the chief component materials in the various products of each manufacturing establishment was applied for the first time in the compilation of the returns for 1920. The number of groups was reduced from fifteen to nine to correspond with the external trade classification and the classes of industry were somewhat altered to conform with recent industrial developments. Subsequently, the central electric stations industry was taken out of the miscellaneous class and now forms a class by itself.

Vegetable Products.—Though first in value of gross production in 1935, this group ranked only fourth in the number of people employed and in salaries and wages paid. With the exception of rubber, coffee and spices, sugar factories and rice mills, the industries of this group are dependent mainly upon domestic farm products for their raw materials. They produced in 1935, 18.2 p.c. of the total manufacturing production and employed 13.6 p.c. of all persons engaged in manufacturing industries.

The flour-milling industry is the leading industry of the group from the point of view of gross value of products. This industry, which has existed to meet the domestic needs for more than 300 years, is one of the Dominion's oldest manufactures, but it is only within recent times that its progress has become pronounced. The War and the demand it created gave a great impetus to this trade. The 384 flour mills, many of them of the most modern type and highest efficiency, have a capacity far in excess of Canada's demands. During 1928, productive capacity reached about 121,000 barrels per day. Since then, the industry has been adversely affected by difficulties which have beset the Canadian grain trade and by the great decline in the prices of grains. Exports of wheat flour declined from 10,737,266 barrels in 1928 to 4,881,057 barrels in 1935, but in spite of the decrease Canada continues to be one of the leading exporters of wheat flour.

With the increase in urban population, as well as the improvement in transportation, which increasingly enables rural communities to purchase factory-made bread, the bread industry made rapid strides during the past decade. During this period there was an increase of 30 p.c. in the capital invested and 54 p.c. in the number of employees. The bread and other bakery products industry had an output valued at \$59,400,668, capital investment reached \$43,788,924, employees numbered 19,167, and salaries and wages paid amounted to \$16,369,912. This industry was thus the third largest employer of labour among the manufacturing industries of the country. In salaries and wages paid, however, it ranked only eighth.

The rubber industry is another industry of importance in the industrial life of the country. Canada now ranks among the leading countries of the world as a manufacturer of rubber goods. In 1935 she was the seventh largest importer of raw rubber in the world, ranking after the United States, the United Kingdom, Japan, Germany, France, and Russia. Existing plants in 1935 numbered 45 and represented a capital investment of \$63,435,798, including equipment and working capital. These plants furnished employment to 11,023 persons who received \$11,017,431 in salaries and wages and produced goods valued at \$55,949,570. They also used raw materials to the value of \$20,258,774, mainly imported from tropical countries. The rubber industry is also of considerable importance to the cotton yarn and cloth industry, which supplies tire fabrics. The industry, besides supplying the domestic market, contributes materially to the export trade of Canada. The products find their way to the remotest parts of the world, as a glance at the list of countries to which rubber tires are shipped would show. Spain, Peru, Dutch East Indies, British East Africa, and China are but a few of the far-flung countries into which Canadian tires find their way.

Establishments engaged in the production of tobacco, cigars and cigarettes numbered 116 in 1935. The capital invested in the industry amounted to \$58,178,513, employees numbered 8,145, salary and wage payments \$7,221,048, and the products made were valued at \$39,103,875 exclusive of excise taxes. If these taxes had been added, the value of the output for 1935 would have been about \$70,000,000. This industry thus contributes about \$31,000,000 to the Dominion treasury in excise taxes alone. Canada is self-sufficient as regards its requirements of manufactured tobacco products. Practically the whole of the Canadian production goes to supply domestic demand, imports and exports of manufactured tobacco products being extremely small. The tobacco industry also contributes materially to the agricultural economy of Canada. Of the materials used, amounting to \$19,701,385, \$15,187,876 was for raw leaf tobacco. All told, the tobacco industry consumed 38,929,237 lb. of raw leaf tobacco of which 31,348,922 lb. was of domestic growth.

The fruit and vegetable preparations industry, which includes canned fruits, canned vegetables, pickles, vinegar, jams, etc., comprises another large division of this group. In 1935, this industry reported an output valued at \$38,276,487, a capital investment of \$38,272,379 and an employment of 7,912 persons, who received \$5,063,481 in salaries and wages. The development of the canned foods trade has effected great changes in the relation of foods to seasons. Fruits and vegetables of many kinds are to be had at all times of the year with much of their original freshness and flavour. The producers in the country are provided with an enormously extended market and the consumers in both city and country with cheap and wholesome food in great variety. The industry has made rapid strides in the past few years. During the period of 1923-35 the volume of fruit and vegetable prepar-

ations produced increased 155 p.c. This growth is indeed remarkable, as it represents a corresponding increase in the domestic demand for these products, the foreign trade being relatively small as compared with the domestic production. Imports in 1935 were valued at \$2,652,961 and exports at \$5,138,094. According to these figures, the industry besides supplying the domestic requirements also has a small exportable surplus.

Other important industries of this group are: biscuits and confectionery, brewing, distilling, and sugar refining.

Animal Products.—Production in this group is determined, in large measure, by the demand at home and abroad for Canadian butter, cheese, canned fish, fresh or frozen meats, bacon and hams, condensed and evaporated milk, etc.

The leading industry of the group is that of slaughtering and meat packing, with a value of production in 1935 of \$133,379,312. Next comes butter and cheese, with a value of \$99,888,971. These two industries represented about two-thirds of the production of the entire group.

The butter and cheese industry, which manufactures a product of farm animals, has been for many years of leading importance in Canada. Originating in the agricultural districts of the Maritime Provinces, the Eastern Townships of Quebec and the southern counties of Ontario, it is now developing rapidly in the Prairie Provinces and in the more recent northern settlements of Quebec, and Ontario. For an industry so large in the aggregate, it is unique in having shown very little tendency toward consolidation in large units, the gross production of \$99,888,971 coming from no fewer than 2,589 plants, mostly small and scattered at convenient points throughout the farming communities.

The leather industries have long been established on a considerable scale, mainly, of course, because the large number of cattle raised and slaughtered provide a ready supply of hides. There are large tanneries in the eastern provinces and no fewer than 217 boot and shoe factories were in operation in 1935, chiefly in Quebec and Ontario, representing a total capital of about \$24,000,000 with an annual output of over \$36,000,000 and employing 15,930 men and women. The canning and preserving of fish also calls for reference. Concentrated naturally upon the Pacific and Atlantic coasts, 630 establishments were engaged in 1935 in canning, curing and packing of various kinds of fish that were valued at \$23,000,000.

Textile Products.—The output of textiles in 1935 was valued at \$357,106,277. The establishments classified in this group, which numbered 2,275, represent a capital investment of \$329,197,254, they furnished employment to 120,699 persons who were paid \$96,574,954 in salaries and wages and also spent \$183,920,438 for materials.

In net production, *i.e.*, in value added by manufacture, which is a truer criterion than gross production of the place of the group in the industrial life of the country, the textile group was fourth in 1935 among the ten major groups shown in the summary statistics of Table 3, p. 9, being exceeded only by the wood, vegetable, and iron and its products group. Textiles accounted for about 13 p.c. of the net manufacturing production of Canada. As an indication of the contribution which the textile group made in 1935 to the employment in the Dominion, the group stood second in the number of employees and third in salaries and wages paid, with about 21 p.c. of the total employees in manufacturing and 16 p.c. of the total salaries and wages paid. Again, this wide group of textiles may be regarded as two distinct

divisions: (1) the spinning, weaving and knitting trades, and (2) the finishing trades. If so regarded, the first division assumes the proportions of a very large industrial group with a gross production of \$185,486,029, while the second division, which usually is the larger, had a production of only \$171,620,248 in 1935.

From the standpoint of gross value of production, cotton yarn and cloth in 1935 was again the leading industry in the textile group. The output was valued at \$59,378,664 while the persons employed numbered 18,121 and the salaries and wages paid totalled \$13,206,265.

The hosiery and knitted goods industry is also worthy of special mention. From the standpoint of employment and salaries and wages paid, it was first in 1935, employing 18,511 persons and paying \$14,252,653 in salaries and wages. Despite the depressed condition of the textile industry generally, the volume and value of production of this branch of the industry held up remarkably well, the value of production being only 23.2 p.c. lower than the peak year of 1929 while the volume was actually 4.5 p.c. higher. Employment, however, has declined by 537 or 2.8 p.c. since 1929.

The outstanding feature of the textile situation in Canada has been the great expansion of the silk industry during the past few years, at a time when practically all other industries were experiencing a diminishing demand for their products. While other industries have to struggle hard to regain the 1929 level of production, this industry has since then recorded an increase of 24 p.c. in capital investment, 131 p.c. in number of employees, 119 p.c. in salary and wage payments, 80 p.c. in cost of materials and 93 p.c. in gross value of production.

Wood and Paper.—The forests of Canada have always been an important factor in the building up and maintaining of manufacturing industries. Since early pioneering times the sawmill has formed one of the first steps from the pioneering community to the industrial centre. There is to-day practically no form of industrial activity in which wood is not used, directly as a raw material or indirectly as, for example, in the form of paper. The primary operations in the woods provide work during part of the year for at least 200,000 individuals, largely during the season when employment in manufacturing industries is at its minimum. This has a valuable steadying effect on general labour conditions throughout the year.

The manufacture of lumber, which depends to a large extent on building and construction operations and the export markets, has shown wide fluctuations. The peak, reached in 1911 with a total cut of 4,918,000 M ft. b.m., has never been equalled. It was followed by a general decline to the 2,869,000 M reported for 1921. A second peak of 4,742,000 M was reached in 1929. Production then decreased annually to a minimum in 1932 amounting to 1,810,000 M. There were increases in 1933, 1934, and 1935.

The manufacturing industries which draw their principal raw material from the sawmills reached their maximum production in 1929 with a gross value of \$146,950,000 and then declined to \$52,289,642 in 1933 but increased to \$57,860,721 in 1934 and to \$64,802,326 in 1935.

The pulp and paper industry is a comparatively recent development in Canadian industry. In 1881 there were only 36 paper and 5 pulp mills in operation in Canada. By 1923 the industry had displaced flour milling as Canada's most important manufacturing industry and in spite of recent vicissitudes has held that position up to 1935, when it was displaced by the non-ferrous metal smelting and refining industry. In employment and salaries and wages paid, pulp and paper is still, however, the dominant industry. The peak of production was reached in 1929 when

4,021,000 tons of wood pulp and 3,197,000 tons of paper were produced. In that year there were 108 pulp and paper mills in operation, consuming 5,278,000 cords of pulpwood and using hydro-electric power valued at more than \$13,000,000. During 1926, Canada, for the first time, produced more newsprint paper than the United States and became the world's chief producer and exporter of that commodity, maintaining that position ever since in spite of decreases in production. During 1935 this industry produced 3,868,341 tons of pulp, the highest production since 1929, and 3,280,896 tons of paper, an all-time record. Of this paper, 2,765,444 tons was newsprint, more than three times the production of the United States.

The manufacturing industries which draw their principal raw material from the pulp and paper mills reached their maximum production of \$187,882,000 in 1929. The value in 1934 for these industries was \$139,108,400 and in 1935, \$147,801,647.

Iron and Its Products.—The manufacture of iron and steel and their products is one of Canada's basic industries. In 1935 over half a billion dollars was invested in the 1,249 establishments in this line of business, 95,000 persons were given employment and the pay-roll amounted to 110 million dollars. Gross production was valued at 390 million dollars, a figure which was just a little more than half of the value reported for 1929.

Although ore for the manufacture of iron has not been mined in Canada for some years, there exists a primary industry of considerable size. Four concerns make pig iron—the Dominion Steel and Coal Corporation at Sydney, N.S., the Steel Company of Canada, Ltd., at Hamilton, Ont., the Algoma Steel Corporation Ltd., at Sault Ste. Marie, Ont., and the Canadian Furnace Company at Port Colborne, Ont. The first-mentioned company uses Nova Scotia coal and iron ore from the great Wabana deposits, which it controls, on Bell island, Newfoundland. The other concerns import ore and coal from the United States. These companies have 10 blast furnaces available for use which, if operated at capacity, could produce 1,500,000 long tons of pig iron annually. They also operate open-hearth steel furnaces and rolling mills to make steel ingots, blooms and billets, merchant and alloy steel bars, rails, structural shapes, plates, sheets, rail fastenings, etc.

There were also a number of other steel furnaces and rolling mills. Altogether there were thirty steel-making plants in operation in 1935 and 13 rolling mills. Factory sales of pig iron, steel, ferro-alloys, and rolled products were valued at 39 million dollars.

Among the secondary or fabricating industries the manufacture of automobiles takes first place. It is one of Canada's largest industries. In 1935 there were 20 manufacturing or assembling plants in operation, employees numbered 13,095 and products advanced 30 million dollars in value to \$106,624,445. The number of cars and trucks made was 172,877 of which about 40 per cent, or 69,348, were for export. The 1935 production was the highest since 1929 when 262,625 cars were made in Canada.

The making of automobile parts occupied 82 establishments and 6,614 employees in 1935 and production was valued at \$32,684,252, an advance of 8 million dollars.

All other industries in the group showed gains, the value of output in the railway rolling-stock industry advancing to \$41,200,000 from \$34,300,000; the machinery industry to \$32,800,000 from \$26,000,000; the farm implements industry to \$13,700,000 from \$8,800,000; the castings and forgings industry to \$38,800,000 from \$35,100,000; bridge and structural steel industry to \$7,600,000 from \$4,700,000;

sheet metal products industry to \$33,600,000 from \$30,900,000; the hardware and tools industry to \$16,000,000 from \$13,600,000; wire and wire products to \$16,200,000 from \$14,700,000; the increases in the other groups, including the boilers, tanks and engines industry, the bicycle industry, and the miscellaneous iron and steel industry, being less than one million dollars in each case.

Non-Ferrous Metals.—Production during 1935 from this group of manufactures based on non-ferrous metals was valued at \$288,523,250 compared with \$237,233,670 in 1934 and \$283,545,666 in 1929, the best year on record previously.

A total of 505 factories were in operation in this group in 1935 as against 487 in 1934, but the capital employed declined \$1,900,000 to \$261,625,967. The number of persons employed increased to 33,613 from 30,177 in 1934 and salaries and wages advanced to \$40,315,477 from \$35,097,986. The cost of materials and supplies used during 1935 was \$174,906,971 as against \$119,713,328 in 1934 and the cost of fuel and electricity advanced to \$5,717,809 from \$5,364,840.

For purposes of the annual Census of Manufactures the makers of non-ferrous metal products have been classified under 7 main industries in accordance with the nature of their main products. All but one of these industries reported a gain in output value in 1935 compared with 1934. In the non-ferrous smelting and refining industry the gain was \$36,000,000, or 24 p.c., to \$186,245,658; electrical apparatus increased \$11,000,000 or 22 p.c., to \$61,152,834; white metal alloys gained 18 p.c. to \$6,182,402; aluminium products gained 33 p.c. to \$4,992,640; and the miscellaneous industry increased 27 p.c. to \$1,170,035. The brass and copper products industry showed a slight decline in output value to \$19,187,022.

Non-Metallic Minerals.—This group of manufactures includes such leading industries as coke making, oil refining, and the manufacture of glass, artificial abrasives, bricks, cement, etc. Final figures for 1935 show that the output for this group amounted in value to \$176,184,717 which is 6 p.c. above the corresponding total for 1934 but 27 p.c. below 1929.

The petroleum refining industry is by far the largest of the group. Canada produces some crude oil, but the bulk of the oil treated in Canadian refineries is imported from the United States or South America. In 1935 there were 45 refineries operating at advantageous points across the Dominion. These units used 1,196,411,443 gallons of crude oil in that year and produced refined commodities worth \$79,176,081. About 4,800 people were given employment and the capital investment was \$64,012,045.

Forty-four coke and gas plants, representing an investment of \$99,000,000, made products worth \$38,474,789. Aerated waters, glass, cement, lime, salt, brick, dressed stone, cement products, and asbestos goods were also made in this group of industries.

Chemicals and Allied Products.—Production of chemicals and allied products in 1935 was valued at \$118,574,228 at factory prices. This total, which was higher than in any year since 1930, was about 9.7 p.c. above the 1934 value of \$108,052,039 and 27.7 p.c. above the corresponding figure of \$92,820,761 in 1933. The gain in employment over 1934 was 10.5 p.c. and the increase in salaries and wages was 13.3 p.c.

The improvement in 1935 was quite general with 13 of the industries showing substantial advances and one reporting a small decline. The gains were as follows: coal tar distillation, 30 p.c. to \$2,606,338; acids, alkalies and salts, 15 p.c. to \$19,012,615; compressed gases, 9 p.c. to \$3,077,765; fertilizers, 11 p.c. to \$6,075,616

medicinals, 9 p.c. to \$21,292,751; paints, 9 p.c. to \$20,341,407; soaps, 17 p.c. to \$16,002,048; toilet preparations, 0.6 p.c. to \$6,017,944; inks, 19 p.c. to \$2,886,853; wood distillation, 4 p.c. to \$805,756; adhesives, 9 p.c. to \$1,436,259; polishes, 11 p.c. to \$2,149,239, and the miscellaneous industry, 2 p.c. to \$8,332,123. The value of explosives, etc., at \$8,537,514 was 6 p.c. less than in 1934.

The number of operating establishments in 1935 was 734 compared with 736 in 1934; the number of employees rose to 18,933 from 17,130, and salaries and wages increased \$2,700,000 to \$23,715,305. Capital employed was slightly less in 1935 at \$147,472,534.

About 52 p.c. of the factories, or 387, were located in the province of Ontario; their production totalled \$69,304,933, or 58 p.c. of the Canada total and their employees numbered 9,912, or 52 p.c. of the total. Quebec's 219 establishments gave work to 6,806 persons and made products worth \$34,767,941.

Many chemical products are also made in industries which, for statistical purposes, are not included in the chemicals and allied products group. For instance, pulp and paper, distilled liquors, brewery products, and artificial abrasives are classified in other groups.

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Province, Group or Kind of Industry.	Establishments.	Capital Employed.	Salaried Employees.		
			Male.	Female.	Salaries.
	No.	\$	No.	No.	\$
Totals, by Provinces.....	25,491	4,698,991,853	82,041	23,538	173,020,195
1 Prince Edward Island.....	261	3,508,905	221	39	212,764
2 Nova Scotia.....	1,350	118,999,064	1,939	492	3,266,082
3 New Brunswick.....	872	115,635,568	1,691	410	3,114,008
4 Quebec.....	7,942	1,664,198,107	24,246	6,410	50,472,330
5 Ontario.....	10,266	2,064,194,151	40,649	13,340	91,500,724
6 Manitoba.....	1,099	198,822,314	3,826	931	7,357,184
7 Saskatchewan.....	880	66,271,171	1,756	313	2,635,015
8 Alberta.....	1,002	96,322,781	2,363	449	4,028,651
9 British Columbia and Yukon.....	1,819	371,039,792	5,330	1,154	10,433,428
Totals, by Groups.....	25,491	4,698,991,853	82,041	23,538	173,020,195
1 Vegetable products.....	5,402	496,256,485	12,778	3,311	25,375,328
2 Animal products.....	4,402	211,672,508	8,378	2,044	14,500,298
3 Textiles and textile products.....	2,275	329,107,254	8,927	4,178	21,424,283
4 Wood and paper products.....	8,186	873,756,949	20,026	4,866	30,042,019
5 Iron and its products.....	1,249	555,144,467	10,964	2,854	24,855,596
6 Non-ferrous metal products.....	505	261,625,967	5,137	1,657	12,490,118
7 Non-metallic mineral products.....	1,188	300,455,725	4,045	885	8,176,057
8 Chemicals and chemical products.....	734	147,472,534	4,989	1,879	12,336,856
9 Miscellaneous industries.....	509	63,588,796	1,847	574	4,019,872
10 Central electric stations.....	1,041	1,459,821,168	4,950	1,290	10,708,868
1.—Vegetable Products.....	5,402	496,256,485	12,778	3,311	25,375,328
1 Biscuits, confectionery, cocoa, etc.....	234	37,770,319	1,798	480	3,889,150
2 Bread and other bakery products.....	3,045	43,788,924	2,260	564	2,866,264
3 Breweries.....	73	57,928,298	917	126	2,266,507
4 Coffee, tea and spices.....	86	13,431,195	595	173	1,392,881
5 Distilleries.....	16	42,045,051	285	80	924,517

Central Electric Stations.—The generation of power by central electric stations, which is of such vital importance to the development of manufactures in Canada, has increased very rapidly since the Great War. The output in 1919, the first year for which statistics have been compiled, amounted to 5,500,000,000 kilowatt hours and by 1930 had grown to 18,000,000,000 kilowatt hours. In spite of a temporary set-back occasioned by the general contraction in industrial production, the output for 1935 reached a new high record of 23,300,000,000 kilowatt hours. The pulp and paper industry is the largest user of electric energy. During 1935, this industry purchased 9,400,000,000 kilowatt hours from central electric stations, or about 40 p.c. of the total output. Other large users of electric energy are: the primary iron and steel industry, non-ferrous metal smelting and acids, alkalies, and salts establishments. Approximately 8 p.c. of the total output of central electric stations in 1935 was used for residence lighting and other domestic services, while 6 p.c. was exported to the United States.

The growth of central electric stations is also strikingly illustrated in the increase since 1919 of 250 p.c. in the capital investment, which in 1935 totalled \$1,459,821,168 or 31 p.c. of the total. This industry is also unique in that there are no expenditures for raw material; the main items of expenditure are, therefore, for the upkeep of plant and payment of interest charges in the huge capital investment.

Materials and Values of Products of Canadian Manufacturing Industries, 1935.

Employees on Wages.			Power Installed.	Cost of Fuel and Electricity.	Cost of Materials.	Value of Products.	
Male.	Female.	Wages.				Net. ¹	Gross.
No.	No.	\$	h.p.	\$	\$	\$	\$
366,778	110,517	417,306,709	8,783,055²	84,273,129	1,420,885,153	1,302,179,099	2,807,337,381
592	256	405,642	9,034 ¹	99,192	1,894,409	1,362,405	3,356,006
11,346	2,283	10,776,592	269,280 ¹	4,466,242	31,647,800	30,995,130	67,109,172
9,840	1,996	8,506,087	235,933 ¹	3,149,453	25,551,371	27,643,306	56,344,190
112,034	46,981	129,882,246	3,893,944 ¹	28,648,403	398,596,702	393,805,691	821,020,796
176,789	50,660	212,306,483	2,681,257 ¹	36,072,924	718,570,816	668,918,734	1,423,562,474
15,090	3,392	17,343,882	493,397 ¹	2,455,218	67,029,760	47,349,314	117,734,292
3,912	374	3,889,396	154,288 ¹	1,798,232	28,046,921	16,976,149	46,821,302
8,100	1,165	8,475,798	180,067 ¹	1,518,754	42,831,636	28,932,217	73,282,607
29,075	3,420	32,660,583	865,875 ¹	6,064,711	105,845,738	86,196,093	198,106,542
366,778	110,517	417,306,709	11,657,748²	84,273,129	1,420,885,153	1,302,179,099	2,807,337,381
43,974	19,222	49,484,119	331,361 ¹	9,088,743	283,681,945	217,051,454	509,822,142
39,121	10,581	39,444,836	122,560 ¹	4,634,745	247,375,247	99,633,595	351,643,587
48,410	59,184	75,150,671	240,549 ¹	6,057,306	183,020,438	106,228,533	357,106,277
89,513	9,319	89,153,605	2,160,083 ¹	26,732,479	175,040,681	239,357,227	441,100,937
78,623	2,985	85,546,770	660,491 ¹	12,612,306	203,981,458	173,634,965	390,228,929
22,781	4,038	27,325,359	416,927 ¹	5,717,809	174,908,971	107,898,470	288,523,250
17,868	544	19,249,367	222,555 ¹	11,368,432	88,969,870	75,846,415	176,184,717
9,311	2,734	11,379,449	130,464 ¹	4,256,062	48,316,876	66,001,290	118,574,228
7,959	1,890	8,262,608	61,785 ¹	850,171	14,601,667	21,437,115	30,078,053
9,218	-	11,811,125	7,310,973 ²	2,054,876	-	135,960,035	137,114,911
43,974	19,222	49,484,119	331,361	9,088,743	283,681,945	217,051,454	509,822,142
3,066	4,592	5,426,404	21,121	700,216	10,231,189	21,266,428	41,197,833
14,382	1,961	13,503,648	15,684	1,915,706	28,343,545	29,141,417	50,400,068
3,381	36	3,889,135	23,453	708,038	15,024,625	24,960,377	40,699,040
788	562	1,144,196	3,366	102,706	17,543,308	6,568,747	24,214,761
800	415	989,754	8,981	312,418	3,014,348	12,787,593	16,114,361

¹ Exclusive of purchased power.² Including purchased power.³ See footnote to Table 1, p. 7.

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Province, Group or Kind of Industry.	Establish- ments.	Capital Employed.	Salaried Employees.		
			Male.	Female.	Salaries.
	No.	\$	No.	No.	\$
1.—Vegetable Products—Concluded.					
6 Flour and feed mills.....	1,127	56,475,315	1,569	181	2,064,324
7 Foods, breakfast.....	23	5,119,820	79	36	202,640
8 Foods, stock and poultry.....	99	4,166,324	247	74	441,332
9 Foods, miscellaneous.....	106	6,581,719	484	175	1,049,730
10 Fruit and vegetable preparations.....	298	38,272,379	748	230	1,423,060
11 Ice cream cones.....	8	609,081	8	4	18,484
12 Linseed and soya bean oil.....	8	2,228,003	31	6	83,134
13 Macaroni, vermicelli, etc.....	15	1,985,716	62	17	106,770
14 Malt and malt products.....	12	6,844,694	66	8	188,846
15 Rice mills.....	6	940,365	16	2	45,945
16 Rubber goods, including footwear.....	45	63,435,798	1,299	416	2,947,122
17 Starch and glucose.....	6	7,573,998	94	37	292,897
18 Sugar refineries.....	8	33,017,874	333	55	1,078,256
19 Tobacco, cigars and cigarettes.....	116	58,178,513	1,602	602	3,479,509
20 Tobacco processing and packing.....	21	5,517,156	127	11	270,289
21 Wine.....	50	7,336,583	158	28	313,662
2.—Animal Products.	4,402	211,672,508	8,378	2,011	14,599,298
1 Animal oils and fats.....	4	112,677	4	1	7,999
2 Belting, leather.....	13	814,442	44	16	101,782
3 Boot and shoe findings, leather.....	18	1,283,306	49	8	100,281
4 Boots and shoes, leather.....	217	24,313,445	1,085	428	2,481,228
5 Butter and cheese.....	2,589	58,291,763	2,850	720	3,405,689
6 Condensed milk.....	21	4,012,936	95	32	217,511
7 Dairy products, other.....	36	2,714,884	80	23	162,072
8 Fish curing and packing.....	630	17,144,806	475	75	703,075
9 Fur dressing and dyeing.....	13	957,872	70	11	167,210
10 Fur goods.....	309	10,474,936	544	156	1,030,514
11 Gloves and mittens, leather.....	46	2,471,700	137	40	246,139
12 Hair goods, animal and human.....	5	84,222	6	3	5,786
13 Leather tanneries.....	85	22,982,210	296	69	861,893
14 Miscellaneous leather goods.....	218	5,728,593	421	124	613,415
15 Sausage and sausage casings.....	59	1,146,911	68	15	130,529
16 Slaughter and meat packing.....	139	58,207,715	2,154	317	4,265,175
3.—Textiles and Textile Products.	2,275	329,197,254	8,927	4,178	21,424,283
1 Awnings, tents and sails.....	66	1,782,394	126	34	187,466
2 Bags, cotton and jute.....	24	5,221,593	106	36	304,480
3 Batting and wadding.....	5	1,231,907	17	6	63,578
4 Carpets, mats and rugs.....	24	6,768,069	153	47	355,528
5 Clothing, factory, men's.....	170	16,271,865	1,260	385	2,272,203
6 Clothing, factory, women's.....	501	22,668,528	1,672	889	3,892,895
7 Clothing, contractors, men's and women's.....	113	671,967	223	45	263,475
8 Cordage, rope and twine.....	11	10,991,086	77	24	247,566
9 Corsets.....	22	3,318,480	159	210	524,766
10 Cotton and wool waste.....	17	840,796	34	17	92,324
11 Cotton textiles, n.e.s.....	44	2,283,660	107	44	238,534
12 Cotton thread.....	5	2,804,903	76	26	173,482
13 Cotton yarn and cloth.....	35	70,741,613	423	144	1,163,749
14 Dyeing and finishing of textiles.....	23	5,257,029	115	37	321,088
15 Dyeing, cleaning and laundry work.....	416	22,767,558	878	531	1,856,247
16 Flax, dressed.....	9	129,593	3	—	2,600
17 Furnishing goods, men's.....	176	15,569,465	642	316	1,586,914
18 Gloves and mittens, fabric.....	8	561,990	13	7	36,624
19 Hats and caps.....	169	6,451,000	443	193	960,186
20 Hosiery and knitted goods.....	163	50,048,900	921	578	2,710,446
21 Miscellaneous textiles, n.e.s.....	10	11,342,949	276	61	758,998
22 Oiled and waterproof clothing.....	15	759,872	24	11	65,387
23 Silk and artificial silk.....	33	35,063,023	593	31	1,653,953
24 Woollen cloth.....	65	19,620,649	361	126	982,524
25 Woollen goods, n.e.s.....	25	7,114,557	88	28	315,469
26 Woollen yarn.....	34	8,734,643	137	69	328,089
27 All other industries.....	2	226,155	10	3	35,722
4.—Wood and Paper Products.	8,186	873,756,949	20,026	4,866	39,042,919
1 Beekeepers' and poultrymen's supplies.....	7	184,596	15	2	17,973
2 Blue printing.....	20	229,845	24	6	40,953
3 Boat building.....	125	1,903,735	171	12	156,267
4 Boxes and bags, paper.....	146	21,153,422	705	258	1,978,139
5 Boxes, wooden.....	129	6,961,712	294	42	489,339
6 Carriages, wagons and sleighs.....	187	1,622,902	200	5	138,506
7 Charrcoal.....	71	161,157	74	—	10,952
8 Coffins and caskets.....	44	3,973,184	125	28	240,332

Materials and Values of Products of Canadian Manufacturing Industries, 1935—con.

Employees on Wages.			Power Installed.	Cost of Fuel and Electricity.	Cost of Materials.	Value of Products.	
Male.	Female.	Wages.				Net. ¹	Gross.
No.	No.	\$	h.p.	\$	\$	\$	\$
3,561	143	3,071,183	119,297	1,356,769	78,071,667	18,139,432	97,567,868
348	179	543,997	4,459	181,959	3,304,705	6,168,385	9,655,049
444	16	396,213	6,982	88,839	4,734,559	1,808,573	6,631,974
645	439	883,112	5,724	179,681	7,556,381	6,903,561	14,639,023
3,253	3,675	3,640,421	16,899	576,801	22,252,826	15,446,860	38,276,487
37	13	34,817	63	15,028	98,296	168,288	281,612
157	—	152,213	2,044	53,155	2,365,776	649,845	3,068,776
146	105	145,846	1,752	43,791	885,246	559,913	1,488,950
222	1	312,958	5,500	262,212	4,080,321	2,622,525	6,065,658
60	—	63,617	612	4,147	1,137,836	355,965	1,497,948
0,684	2,624	8,070,309	64,962	1,189,014	20,258,774	34,501,782	55,949,570
461	17	462,394	4,520	185,109	2,635,566	2,262,010	5,082,694
1,654	92	2,008,435	21,368	964,177	25,137,568	10,496,252	36,597,997
2,113	3,828	3,741,539	2,935	157,784	19,791,385	19,244,706	39,103,875
762	589	671,913	403	43,104	6,807,056	1,385,603	8,235,763
410	25	333,015	1,236	48,089	1,496,968	1,607,181	3,152,238
39,121	10,581	39,444,836	122,566	4,634,745	247,375,247	99,633,595	351,643,587
20	—	19,790	85	5,894	66,469	67,256	139,610
89	—	75,891	343	9,846	370,941	306,527	687,314
365	67	289,606	2,877	47,500	601,770	672,763	1,322,633
8,946	5,471	9,261,643	6,484	281,429	19,431,799	16,276,694	35,989,912
10,861	349	10,409,446	40,789	1,642,140	69,953,193	28,293,638	90,888,971
552	28	586,727	3,672	321,752	5,281,904	2,538,528	8,142,184
236	23	270,983	1,934	45,965	807,468	1,267,780	2,121,213
3,185	1,031	2,171,478	11,590	344,971	14,772,722	8,340,663	23,458,356
608	119	564,126	893	30,033	310,589	1,025,125	1,374,747
1,227	989	2,036,063	495	65,044	7,844,084	4,609,542	12,518,670
652	905	940,081	320	22,833	1,905,581	1,758,688	3,687,102
13	3	11,320	80	1,592	42,733	31,555	75,880
3,486	116	3,058,213	15,507	499,626	12,991,558	7,006,369	20,497,553
1,303	574	1,341,798	1,568	57,791	3,554,285	2,832,550	6,444,626
259	22	224,499	469	31,149	1,239,341	645,605	1,916,095
7,319	884	8,183,172	35,454	1,227,180	108,191,810	23,960,322	133,379,312
48,410	59,184	75,150,671	240,549	6,957,306	183,926,138	166,228,533	357,166,277
190	156	279,766	248	13,676	868,420	723,206	1,605,311
303	479	567,647	1,199	40,272	6,557,653	1,806,182	8,404,107
106	16	113,231	697	17,104	489,855	382,705	889,664
568	308	681,168	2,125	105,453	1,430,894	1,853,652	3,389,999
3,901	3,760	6,718,167	1,615	132,499	20,676,934	15,769,464	36,578,897
4,311	11,022	10,700,966	4,009	214,492	31,642,215	21,939,567	53,796,274
835	1,364	1,259,334	418	34,933	127,480	1,756,162	1,918,576
618	282	774,698	7,610	107,046	2,628,585	2,390,856	5,127,087
147	1,091	709,712	595	18,942	1,970,414	2,368,006	4,357,362
156	91	158,478	1,813	33,486	1,170,112	637,604	1,841,292
301	536	526,438	1,005	30,541	1,707,133	1,394,968	3,132,642
181	413	459,082	1,895	64,008	1,558,525	2,052,644	3,675,177
11,294	6,260	12,042,516	110,656	1,876,331	33,689,873	23,812,460	59,378,664
699	146	687,512	4,055	241,801	1,560,868	2,202,065	4,004,734
3,770	5,573	6,482,887	15,287	938,365	1,738,936	13,633,960	16,311,261
62	—	14,349	410	2,203	41,744	81,002	124,949
1,141	6,858	4,201,341	4,932	140,662	13,916,201	9,095,917	23,152,780
42	194	118,228	357	7,457	309,024	229,970	539,451
1,744	1,831	2,699,095	1,609	122,418	5,549,013	5,853,047	11,524,478
6,038	10,974	11,542,207	10,622	753,400	22,948,056	22,688,647	46,396,103
858	177	914,808	8,228	203,209	3,610,601	4,093,372	7,907,272
111	151	103,063	171	10,507	664,227	415,353	1,090,087
5,551	3,633	6,717,084	21,118	931,738	10,946,730	10,166,803	28,045,340
3,482	2,336	4,126,079	15,700	598,399	10,342,336	8,402,570	19,343,305
788	248	839,935	8,750	114,834	2,605,343	2,805,564	5,525,741
1,174	1,246	1,581,079	6,363	198,357	4,986,518	3,462,866	8,647,741
39	39	50,801	122	4,573	182,640	216,861	404,074
89,513	9,319	89,153,605	2,160,893	26,732,479	175,046,681	239,387,227	441,168,387
28	—	17,002	258	2,356	49,009	87,235	138,660
56	5	37,923	124	5,400	49,857	123,211	178,468
407	3	280,370	1,730	19,307	373,406	631,737	1,024,450
2,461	2,138	3,453,921	7,241	235,430	12,952,362	10,278,576	23,466,368
2,333	228	1,452,418	13,886	108,961	2,613,538	2,976,720	5,699,219
266	1	209,479	1,816	33,511	276,901	535,803	846,305
20	—	10,940	94	394	23,948	26,319	50,661
568	110	526,466	1,615	40,947	836,153	1,393,861	2,270,961

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Province, Group or Kind of Industry.	Establish- ments.	Capital Employed.	Salaried Employees.		
			Male.	Female.	Salaries..
	No.	\$	No.	No.	\$
4.—Wood and Paper Products—Concluded					
9 Cooperage.....	80	1,920,016	95	6	126,225
10 Engraving, stereotyping and electrotyping.....	91	9,619,782	525	149	1,238,104
11 Excelsior.....	11	307,586	19	5	15,558
12 Flooring, hardwood.....	22	3,330,276	101	19	190,582
13 Furniture.....	404	26,060,887	1,076	244	1,789,353
14 Laths, trees and shoe findings.....	13	1,144,722	44	16	166,501
15 Lithographing.....	42	10,568,785	386	174	1,305,189
16 Miscellaneous paper products.....	102	13,218,342	413	207	1,167,354
17 Miscellaneous wooden products.....	93	4,008,846	150	42	288,323
18 Planing mills, sash and door factories.....	659	28,917,294	1,144	177	1,547,163
19 Printing and bookbinding.....	1,182	40,331,944	2,595	699	5,162,026
20 Printing and publishing.....	793	63,721,846	5,798	1,914	11,363,513
21 Pulp and paper.....	95	546,572,938	2,791	499	7,827,961
22 Refrigerators.....	9	499,733	31	8	50,325
23 Roofing paper, wall-board, etc.....	14	4,884,394	226	52	461,635
24 Sawmills.....	3,698	75,973,627	2,622	190	2,250,109
25 Sporting goods.....	37	1,528,278	87	37	154,241
26 Trade composition.....	32	1,017,257	59	16	149,503
27 Woodenware.....	22	1,239,806	60	10	114,201
28 Wood turning.....	38	1,730,708	82	13	122,904
29 All other industries.....	20	11,369,329	118	37	479,598
5.—Iron and Its Products	1,249	555,144,467	10,964	2,854	24,855,596
1 Agricultural implements.....	34	55,528,865	647	183	1,323,053
2 Automobiles.....	20	40,765,548	1,459	471	4,046,338
3 Automobile supplies.....	82	23,200,333	548	237	1,400,411
4 Bicycles and skates.....	4	2,000,548	25	10	39,350
5 Boilers, tanks and engines.....	56	15,417,364	443	89	897,149
6 Bridge and structural steel work.....	18	18,935,273	564	60	1,223,234
7 Castings and forgings.....	303	63,585,479	1,476	412	3,363,053
8 Hardware and tools.....	133	25,292,218	520	249	1,365,170
9 Iron and steel products, n.e.s.....	98	5,731,305	299	53	518,465
10 Machinery.....	211	59,899,705	1,656	487	3,658,097
11 Primary iron and steel.....	53	86,465,490	706	125	1,441,393
12 Railway rolling stock.....	37	86,547,010	1,228	68	2,520,387
13 Sheet metal products.....	129	47,369,004	998	283	2,101,001
14 Wire and wire goods.....	71	24,346,325	395	121	949,495
6.—Non-Ferrous Metal Products	505	261,625,967	5,137	1,457	12,490,118
1 Aluminum products.....	19	3,791,756	131	37	306,199
2 Brass and copper products.....	124	21,993,841	712	172	1,548,322
3 Electrical apparatus and supplies.....	182	75,490,285	2,927	1,082	7,144,241
4 Jewellery and silverware.....	112	7,953,330	359	171	939,033
5 Miscellaneous non-ferrous metal products.....	21	1,179,766	68	25	159,110
6 Non-ferrous metal smelting and refining.....	15	145,686,299	817	118	2,055,694
7 White metal alloys.....	32	5,521,720	123	52	336,919
7.—Non-Metallic Mineral Products	1,188	390,455,725	4,045	885	8,176,057
1 Abrasive products.....	15	5,281,916	155	48	421,020
2 Aerated and mineral waters.....	401	12,495,396	735	146	1,197,058
3 Asbestos products.....	13	1,703,301	42	14	108,703
4 Cement.....	9	52,454,004	74	4	150,587
5 Cement products.....	94	3,024,286	122	9	156,120
6 Clay products, from domestic clay.....	139	20,502,006	198	28	374,054
7 Clay products, from imported clay.....	20	4,449,314	105	25	206,769
8 Coke and gas products.....	44	98,639,160	987	321	2,038,602
9 Glass products.....	68	14,168,575	52	92	623,090
10 Lime.....	54	5,707,391	82	9	84,741
11 Miscellaneous non-metallic mineral products.....	35	7,450,803	105	20	221,818
12 Petroleum products.....	58	64,707,454	830	99	1,957,994
13 Salt.....	10	3,776,333	71	30	193,135
14 Sand-time brick.....	6	608,899	13	1	16,038
15 Stone, monumental and ornamental.....	222	5,180,887	292	36	424,728
8.—Chemicals and Chemical Products	734	147,472,534	4,989	1,879	12,336,856
1 Acids, alkalies and salts.....	18	33,381,688	584	110	1,227,893
2 Adhesives.....	17	2,000,754	51	18	128,963
3 Coal tar distillation.....	10	4,725,668	26	6	85,886
4 Explosives, ammunition and fireworks.....	8	6,290,008	373	127	887,933
5 Fertilizers.....	19	15,646,828	229	59	425,462
6 Gases, compressed.....	28	4,310,244	210	61	474,534
7 Inks, printing and writing.....	31	2,723,672	153	45	454,904
8 Medicinal and pharmaceutical preparations.....	166	20,091,688	979	530	2,760,890

Materials and Values of Products of Canadian Manufacturing Industries, 1935—con.

Employees on Wages.			Power Installed.	Cost of Fuel and Electricity.	Cost of Materials.	Value of Products.	
Male.	Female.	Wages.				Net. ^a	Gross.
No.	No.	\$	h.p.	\$	\$	\$	\$
456	1	328,022	2,131	24,053	1,063,761	758,539	1,846,353
1,366	393	2,438,700	2,932	111,032	1,191,562	5,417,273	6,719,867
63	12	40,500	874	7,671	69,433	94,800	171,904
613	4	413,252	5,565	37,905	1,377,914	931,154	2,346,973
7,213	294	5,164,744	20,718	455,887	7,892,538	10,859,625	19,208,050
386	152	347,972	801	20,897	394,727	824,206	1,239,830
1,356	528	2,060,785	3,152	89,581	3,776,412	4,969,451	8,835,444
1,084	625	1,491,430	5,279	184,155	6,447,527	5,793,499	12,425,181
907	96	680,761	4,744	77,209	1,433,050	1,716,811	3,227,670
5,358	20	3,728,534	46,613	396,818	8,918,028	7,045,626	16,900,472
6,610	2,290	8,645,133	13,311	437,270	11,653,559	21,097,502	33,188,331
7,955	1,222	11,697,999	24,702	731,011	11,197,337	43,904,537	55,832,925
23,913	653	28,065,352	1,695,650	22,682,893	57,995,037	81,973,362	162,651,282
102	3	75,877	725	8,417	164,330	197,016	367,769
381	2	342,675	3,928	139,518	1,882,849	2,120,497	4,142,604
22,755	160	15,461,548	287,876	651,958	35,927,884	29,325,290	65,905,132
409	180	406,044	1,566	28,377	744,162	924,155	1,696,094
164	8	197,565	63	13,154	38,156	504,741	556,051
650	88	361,679	1,862	15,817	680,859	1,141,937	2,141,937
677	36	424,125	2,935	30,173	600,403	852,476	1,483,052
956	85	891,489	7,848	144,387	4,651,131	2,742,256	7,537,774
78,622	2,985	85,546,770	660,491	12,612,566	203,981,458	173,634,965	390,228,939
4,110	49	4,002,567	23,785	478,043	6,448,183	6,766,250	13,692,476
10,866	298	14,751,261	37,970	720,200	75,645,998	30,258,247	100,624,445
5,231	598	6,011,028	35,280	688,030	18,528,296	13,467,926	32,684,252
287	24	308,032	1,207	32,010	610,815	624,622	1,273,447
1,871	7	1,874,705	18,941	231,328	2,774,327	4,359,868	7,365,523
1,426	-	1,519,722	27,521	181,024	3,901,609	3,514,066	7,597,509
11,720	152	10,775,919	60,454	1,591,805	14,042,882	23,145,126	38,779,813
3,893	681	3,978,071	14,236	403,221	4,869,850	10,637,289	15,970,360
981	30	852,843	5,839	88,235	1,604,729	1,977,895	3,670,859
6,884	122	6,873,154	44,326	611,375	12,194,263	20,050,537	32,856,175
8,662	30	10,837,997	245,170	4,845,559	18,539,072	15,316,330	38,700,961
15,602	23	16,256,284	114,321	1,636,866	20,769,208	18,800,965	41,213,039
4,591	708	4,701,697	14,916	522,424	18,971,146	14,070,732	33,564,302
2,699	262	2,803,495	16,525	522,386	5,075,080	10,638,212	16,235,678
22,781	4,038	27,825,359	416,927	5,717,809	174,966,971	167,898,470	288,523,250
752	78	783,288	5,635	128,653	3,258,310	1,605,677	4,992,640
3,115	247	3,101,590	25,174	544,147	10,584,600	8,058,275	19,187,022
8,565	2,976	10,450,518	96,260	1,070,801	25,499,000	34,672,227	61,152,834
1,707	533	2,092,717	3,025	99,594	4,519,732	4,973,333	9,592,659
187	49	190,859	388	14,730	337,338	817,967	1,170,035
8,009	-	10,631,662	282,847	3,776,381	126,804,075	55,665,202	186,245,658
466	156	574,725	3,598	83,503	3,993,110	2,105,789	6,182,402
17,868	544	19,240,167	222,535	11,368,432	88,969,470	75,846,415	176,184,717
773	-	893,252	7,253	782,553	2,684,406	5,176,971	8,643,930
1,899	90	1,708,913	3,693	100,990	3,807,616	9,703,179	13,851,785
249	22	215,151	2,404	66,793	518,994	544,495	1,130,282
846	-	876,829	60,334	1,227,410	394,264	3,958,369	5,580,043
386	2	295,505	2,837	37,086	459,296	657,756	1,164,138
1,802	-	1,012,970	24,697	618,995	60,583	2,332,985	3,012,563
636	126	657,443	2,231	187,180	530,735	1,457,062	2,174,977
2,798	1	3,589,259	32,812	2,432,111	15,233,519	20,800,159	38,474,789
2,515	264	2,667,984	12,753	837,025	5,478,148	9,933,348	14,866,686
695	-	471,308	7,183	680,186	124,251	2,116,554	2,925,791
488	26	408,510	13,130	184,930	1,485,435	5,146,264	4,237,500
3,917	10	5,195,230	39,176	3,847,049	58,989,814	17,233,562	79,950,525
372	-	404,650	3,418	175,240	1,667,038	1,880,978	1,880,978
57	-	42,662	918	17,048	43,083	94,819	154,950
735	3	749,501	9,716	107,838	1,010,999	1,960,283	3,079,118
9,311	2,754	11,378,449	139,461	4,256,062	49,316,876	66,061,290	118,574,228
1,925	8	2,263,004	70,656	2,158,692	4,606,710	12,247,210	19,012,615
311	9	294,550	1,598	114,604	550,700	770,955	1,436,259
169	1	187,393	370	131,391	1,523,137	951,810	2,006,338
922	195	1,090,028	5,981	183,330	3,207,264	5,146,264	8,537,514
707	1	813,875	19,290	344,131	4,362,594	1,368,891	6,075,616
234	5	267,097	5,490	137,134	137,134	2,507,586	3,077,765
267	30	322,377	1,749	35,461	1,081,685	1,769,697	2,886,853
981	1,174	1,739,362	3,635	157,102	7,009,191	14,126,458	21,292,751

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Province, Group or Kind of Industry.	Establishments.	Capital Employed.	Salaried Employees.		
			Male.	Female.	Salaries.
	No.	\$	No.	No.	\$
8.—Chemicals and Chemical Products—Con.					
9 Miscellaneous chemical products.....	118	12,101,735	419	171	1,015,524
10 Paints, pigments and varnishes.....	80	22,709,466	1,045	322	2,546,999
11 Polishes and dressings.....	46	1,839,486	130	59	288,693
12 Soaps and washing compounds.....	104	14,118,130	576	166	1,369,325
13 Toilet preparations.....	83	5,396,952	201	205	650,840
14 Wood distillation.....	6	2,064,215	11	—	19,010
9.—Miscellaneous Industries.	509	63,588,796	1,847	574	4,019,872
1 Aircraft.....	7	1,574,495	55	7	102,661
2 Artificial flowers and feathers.....	16	256,611	22	19	42,264
3 Automobile accessories, fabric.....	11	493,788	16	12	41,251
4 Brooms, brushes and mops.....	78	4,091,164	223	87	420,273
5 Buttons.....	17	1,429,340	69	17	157,789
6 Candles.....	12	756,828	36	12	74,007
7 Fountain pens and pencils.....	10	1,610,830	81	28	177,542
8 Ice, artificial.....	48	4,827,420	76	15	146,352
9 Jewel cases and silverware cabinets.....	4	195,708	13	13	30,690
10 Mattresses and springs.....	61	5,800,057	236	70	547,737
11 Motion pictures.....	5	783,225	101	31	214,278
12 Musical instruments.....	15	2,451,073	54	13	88,198
13 Novelties, advertising and other.....	11	185,299	17	5	32,259
14 Pipes, tobacco.....	3	29,354	4	—	3,757
15 Regalia and society emblems.....	10	144,295	12	4	19,647
16 Scientific and professional equipment.....	27	4,908,292	161	94	477,378
17 Shipbuilding and repairs.....	39	28,157,880	309	36	678,022
18 Signs, electric.....	38	2,854,052	125	27	250,702
19 Stamps and stencils, rubber and metal.....	36	753,671	83	19	139,952
20 Statuary, art goods and church supplies.....	33	896,583	77	29	121,060
21 Store display accessories.....	3	119,000	6	4	12,058
22 Toys and toy equipment.....	9	242,506	17	9	46,301
23 Typewriter supplies.....	8	803,100	39	19	160,496
24 Umbrellas.....	7	189,106	13	3	28,143
25 All other industries.....	1	124,518	2	1	7,055
10.—Central Electric Stations.....	1,041	1,459,821,168	4,950	1,290	10,708,868
Totals.....	25,491	4,698,991,853	82,041	23,538	173,020,195

¹ Exclusive of purchased power. ² Including purchased power. ³ See footnote to Table 1, p. 7.

Subsection 2.—Manufactures Classified by the Purpose of the Products.

Production of Manufactured Goods According to the Purpose Classification.—In addition to the classification according to the chief component material of the products used for the industrial census in detailed presentation, a separate and distinct classification, based on the chief purpose of the products, was applied for the first time to the census returns of 1922 and is presented in Table 10 for the years 1922, 1924, 1926, 1929, 1933 to 1935, in summary form and for 1935 in more detail.

Significant changes have occurred since 1922 in the importance of the various groups shown in the purpose classification. Indicative of the increasing industrialization of the Dominion is the increase in the "industrial equipment" group from 17.0 p.c. of the total value of production in 1922 to 18.7 p.c. of the total in 1935, and the increase in "producers materials" from 26.8 p.c. to 30.1 p.c. during the same period. Another significant change is the decline in the "food" group which dropped from a production of 27.1 p.c. to 21.9 p.c. of the total. Whereas in 1922, food products comprised the leading group, in 1935 the production of producers

Materials and Values of Products of Canadian Manufacturing Industries, 1935—Con.

Employees on Wages.			Power Installed.	Cost of Fuel and Electricity.	Cost of Materials.	Value of Products.	
Male.	Female.	Wages.				Net. ¹	Gross.
No.	No.	\$		\$	\$	\$	\$
814	428	899,238	7,036	176,198	3,449,447	4,706,478	8,332,123
1,530	163	1,695,117	7,255	289,845	9,610,743	10,440,819	20,341,407
124	77	142,051	198	15,875	959,157	1,174,207	2,149,239
973	216	1,121,593	6,108	367,775	8,980,703	6,653,570	16,002,048
197	447	426,166	644	30,639	2,121,621	3,865,684	6,017,944
157	—	116,001	448	113,885	420,866	271,005	805,756
7,939	1,890	8,262,608	61,785	850,171	14,691,667	21,437,115	36,978,953
222	10	225,131	638	11,666	302,854	506,179	880,699
41	172	80,124	8	1,407	91,945	197,432	290,784
88	37	99,989	156	6,706	388,152	211,270	606,128
888	219	717,682	1,866	46,338	1,548,433	1,866,703	3,461,474
360	253	384,226	708	25,669	477,788	867,249	1,370,706
58	27	53,477	72	8,965	218,556	218,193	445,714
294	227	357,391	564	17,618	967,820	886,362	1,871,800
632	14	381,716	10,903	181,469	72,545	1,327,554	1,581,568
47	51	69,285	69	3,906	123,425	158,103	285,434
1,203	220	1,176,982	4,375	80,434	3,501,142	2,793,021	6,383,567
11	3	11,815	48	5,807	608,108	473,649	1,087,364
261	11	198,177	1,181	33,852	174,797	327,019	535,668
77	48	61,212	42	2,268	104,708	155,241	262,217
17	1	10,439	15	681	10,429	15,613	26,723
13	19	19,141	29	857	28,922	62,340	92,120
428	238	682,002	3,023	78,229	2,363,265	3,158,021	5,599,515
2,620	2	2,624,364	36,483	259,342	2,021,381	5,010,719	7,291,442
375	9	401,759	154	40,058	383,911	1,238,818	1,661,887
170	4	168,191	206	8,731	104,190	405,801	518,722
176	104	238,624	737	10,207	456,805	516,425	983,437
31	2	25,236	134	2,879	15,441	50,734	69,054
124	81	123,223	53	4,003	188,921	395,531	588,455
68	28	96,471	263	7,886	272,935	405,794	686,615
24	44	46,213	20	873	171,120	127,070	299,063
8	6	9,728	38	1,520	35,004	62,273	98,797
2,218	—	11,811,125	7,310,973	2,054,876	—	135,960,635	137,114,911
366,778	110,517	417,306,709	11,657,748	84,273,129	1,420,885,153	1,302,179,099	2,807,337,381

materials ranked first in importance. The following groups improved their position since 1922: vehicles and vessels advanced from an output of 6.5 p.c. to 7.7 p.c. of the total value of production; drink and tobacco from 4.0 p.c. to 4.8 p.c.; and books and stationery from 4.0 p.c. to 4.2 p.c. The following groups declined in importance: the clothing group dropped from 9.5 p.c. to 8.9 p.c.; house furnishings from 2.5 p.c. to 1.9 p.c.; and personal utilities from 2.3 p.c. to 1.5 p.c.

In analysing the relative standing of the two groups which are perhaps of the greatest interest, it is noted that the gross production of the "food" industries in 1935 was 21.9 p.c. of the output of Canadian manufactures, as compared with an output of only 8.9 p.c. for the "clothing" industries. Aside from the fact that a much larger proportion of its products is exported, the greater value of production in the "food" group was due, in part, to the higher cost of raw materials, the value added by manufacture being 14.4 p.c. of the total for all industries in the case of the "food" group and 8.7 p.c. for the "clothing" group. The "clothing" industries also gave employment to 11,963 more persons than the "food" industries, but paid out \$2,500,234 less in salaries and wages.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups for Representative Years 1922-34, and in Detail for 1935.

Year and Purpose Heading.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
1922.						
Totals	22,541	3,244,382,410	474,430	510,431,312	1,583,774,723	2,482,209,130¹
Food	8,256	343,867,673	66,815	67,738,707	490,731,438	673,794,031 ¹
Drink and tobacco	496	104,047,461	13,402	13,777,986	33,027,203	99,529,819 ¹
Clothing	1,279	175,076,687	70,931	65,595,519	118,749,053	236,553,193 ¹
Personal utilities	936	56,060,262	16,904	17,080,049	21,879,031	57,258,476 ¹
House furnishings	600	75,168,053	18,032	19,861,883	24,956,960	62,961,050 ¹
Books and stationery	1,557	82,240,690	28,103	36,920,804	27,190,071	90,118,969 ¹
Vehicles and vessels	1,154	191,257,894	30,067	37,237,412	87,840,814	160,624,079 ¹
Producers materials	5,588	1,086,692,015	143,354	147,581,011	316,400,400	666,241,271 ¹
Industrial equipment	2,645	1,124,931,330	85,953	103,576,553	160,035,399	421,211,824 ¹
Miscellaneous	30	4,960,434	569	1,061,388	2,964,354	4,916,418 ¹
1924.						
Totals	22,178	3,538,813,460	508,503	559,884,045	1,438,409,681	2,695,053,582¹
Food	8,036	364,420,646	74,721	73,149,482	515,708,299	702,713,901 ¹
Drink and tobacco	518	124,000,298	14,702	15,748,590	39,159,283	111,877,777 ¹
Clothing	1,956	197,041,969	81,729	75,380,919	130,130,048	260,944,006 ¹
Personal utilities	341	48,367,616	9,547	11,057,386	20,304,177	41,815,384 ¹
House furnishings	587	44,787,015	15,820	17,142,226	22,448,984	54,944,837 ¹
Books and stationery	1,690	109,017,954	29,486	40,212,100	32,360,935	107,272,039 ¹
Vehicles and vessels	980	205,551,891	34,149	44,977,067	117,515,075	195,403,284 ¹
Producers materials	5,716	1,251,962,266	163,523	176,646,967	384,533,261	767,759,256 ¹
Industrial equipment	2,204	1,149,628,422	80,406	100,883,940	160,470,513	425,236,330 ¹
Miscellaneous	150	33,035,383	4,420	4,714,828	15,779,166	27,086,778 ¹
1926.						
Totals	22,708	3,981,569,590	581,539	653,850,933	1,728,624,192	3,221,269,231¹
Food	8,259	394,159,943	87,343	78,143,619	581,403,701	783,223,094 ¹
Drink and tobacco	574	137,139,189	15,341	16,817,622	45,115,122	130,895,267 ¹
Clothing	1,878	211,149,085	91,215	85,361,018	158,955,630	306,551,672 ¹
Personal utilities	384	50,497,988	10,633	12,470,247	24,236,592	49,724,101 ¹
House furnishings	543	60,277,954	15,684	16,858,549	22,673,689	55,353,652 ¹
Books and stationery	1,716	108,582,186	31,500	43,781,918	34,575,475	116,110,226 ¹
Vehicles and vessels	917	271,239,055	50,731	70,315,573	178,558,815	298,064,166 ¹
Producers materials	5,807	1,404,509,475	182,599	206,672,939	453,310,993	935,766,746 ¹
Industrial equipment	2,457	1,313,175,892	91,956	118,162,492	213,607,326	516,380,827 ¹
Miscellaneous	173	30,838,823	4,537	5,266,956	13,097,849	29,190,480 ¹
1929.						
Totals	23,597	5,043,014,754	694,131	813,049,812	2,032,920,975	4,029,331,340¹
Food	8,351	463,984,558	94,707	87,960,636	597,396,238	837,986,384 ¹
Drink and tobacco	599	201,365,785	18,976	21,670,376	65,440,053	208,968,998 ¹
Clothing	2,054	280,215,730	106,641	100,863,405	176,130,224	363,011,970 ¹
Personal utilities	380	56,155,234	11,148	13,595,331	29,389,246	61,191,750 ¹
House furnishings	600	76,185,921	20,857	23,248,775	34,293,465	77,811,331 ¹
Books and stationery	1,917	144,222,275	38,141	56,003,183	45,384,362	155,947,960 ¹
Vehicles and vessels	781	310,942,038	61,835	91,239,186	234,258,509	407,947,648 ¹
Producers materials	6,210	1,772,309,696	222,104	257,233,327	523,130,500	1,151,390,753 ¹
Industrial equipment	2,600	1,774,844,446	116,086	156,651,963	304,581,449	737,711,202 ¹
Miscellaneous	105	32,789,065	3,939	4,584,261	13,097,849	27,403,244 ¹
1933.						
Totals	25,232	4,689,373,704	493,963	465,562,090	969,188,574	2,086,847,817¹
Food	8,759	408,955,499	75,434	68,652,798	313,760,942	492,729,174 ¹
Drink and tobacco	670	185,612,678	18,289	17,626,141	40,454,300	98,409,638 ¹
Clothing	2,333	166,963,963	85,891	63,883,623	104,608,696	209,867,715 ¹
Personal utilities	601	39,681,900	8,938	8,616,372	15,323,848	35,589,961 ¹
House furnishings	654	66,047,002	15,587	12,887,200	16,022,584	38,684,649 ¹
Books and stationery	2,170	132,507,101	34,300	42,830,661	28,818,380	103,477,707 ¹
Vehicles and vessels	479	232,153,543	37,618	55,725,025	95,917,292	120,992,781 ¹
Producers materials	6,564	1,459,569,284	139,734	126,208,238	252,383,314	673,991,467 ¹
Industrial equipment	2,860	1,974,679,340	74,778	85,587,303	133,382,392	394,607,113 ¹
Miscellaneous	142	23,163,454	3,334	3,544,129	7,516,826	18,497,642 ¹

¹ See footnote at end of table.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups for Representative Years 1922-34, and in Detail for 1935—continued.

Year and Purpose Heading.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
1934.						
Totals	25,643	4,703,917,730	545,162	533,594,635	1,239,977,053	2,533,758,854¹
Food	8,871	415,060,041	81,180	74,090,400	385,025,824	579,314,257 ¹
Drink and tobacco	6,680	181,802,821	18,348	18,716,163	42,394,223	100,791,406 ¹
Clothing	2,413	170,761,461	91,589	60,907,983	121,511,004	236,028,354 ¹
Personal utilities	616	39,466,768	10,029	9,965,177	18,721,601	40,313,288 ¹
House furnishings	670	66,913,599	16,981	14,830,504	20,798,352	46,825,540 ¹
Books and stationery	2,247	133,383,455	35,445	44,495,558	31,927,020	111,421,539 ¹
Vehicles and vessels	497	221,882,415	41,185	44,644,716	90,699,378	175,812,392 ¹
Producers materials	6,646	1,443,937,708	162,980	156,167,798	339,004,465	744,104,440 ¹
Industrial equipment	2,866	2,006,485,870	83,657	97,396,113	171,387,338	470,745,065 ¹
Miscellaneous	157	23,022,992	3,708	3,980,166	9,507,772	22,402,687 ¹
1935.						
Totals	25,491	4,698,991,853	582,874	599,376,904	1,420,845,153	2,807,337,381
Food	8,561	405,894,748	83,930	78,173,759	415,364,620	614,425,247
Drink and tobacco	6,777	183,501,357	19,165	19,785,411	49,941,998	121,157,062
Clothing	2,444	177,567,199	95,893	75,673,525	129,135,498	249,520,483
Personal utilities	612	39,588,755	10,284	10,333,919	21,585,937	43,453,234
House furnishings	679	66,402,670	18,018	15,911,383	24,494,871	52,044,629
Books and stationery	2,262	128,707,801	36,626	46,896,177	34,354,450	117,730,267
Vehicles and vessels	464	226,007,916	45,717	53,362,973	120,325,337	215,103,397
Producers materials	6,737	1,410,095,840	177,160	175,890,774	427,693,908	845,108,272
Industrial equipment	2,897	2,037,312,404	91,835	109,494,019	187,338,713	624,836,751
Miscellaneous	158	23,913,463	4,246	4,804,964	10,649,821	23,052,039
1935—DETAIL.						
Food	8,561	405,894,748	83,930	78,173,759	415,364,620	614,425,247
Breadstuffs	4,470	153,543,234	36,476	32,514,902	135,152,805	218,054,986
Fish	630	17,144,806	4,766	2,874,553	14,772,722	23,458,356
Fruits and vegetables	298	38,272,379	7,912	5,063,481	22,252,826	38,276,487
Meats	198	59,354,626	11,038	12,803,375	100,431,151	135,295,407
Milk products	2,646	65,919,583	15,585	15,142,428	76,042,565	110,152,368
Oils and fats	4	112,677	25	27,789	66,460	139,619
Sugar industries	8	33,017,874	2,134	3,086,691	25,137,568	36,597,997
Infusions	86	13,431,195	2,118	2,537,077	17,543,308	24,214,761
Miscellaneous	221	25,098,374	3,606	4,123,463	14,965,206	28,236,266
Drink and Tobacco	677	183,501,357	19,165	19,785,411	49,941,998	121,157,062
Beverages, alcoholic	89	99,973,349	6,040	8,068,913	18,038,973	56,813,401
Beverages, non-alcoholic	451	19,831,979	3,491	3,553,248	5,394,584	17,004,023
Tobacco	137	63,696,029	9,634	8,163,250	26,508,441	47,339,638
Clothing	2,444	177,567,199	95,893	75,673,525	129,135,498	249,520,483
Boots and shoes	217	24,313,445	15,030	11,742,871	19,431,799	35,969,912
Fur goods	322	11,432,808	3,724	3,797,913	8,163,673	13,893,417
Garments and personal furnishings	1,072	58,590,315	40,221	32,159,763	68,333,244	119,803,888
Gloves and mittens	54	3,036,690	1,990	1,341,072	2,214,605	4,226,553
Hats and caps	185	6,707,611	4,468	3,781,669	5,640,958	11,815,262
Knitted goods	163	50,048,900	18,511	14,252,553	22,948,056	46,390,103
Waterproofs	15	759,872	297	258,450	664,227	1,090,087
Miscellaneous textiles, n.e.s.	416	22,767,558	10,752	8,339,134	1,738,936	16,311,261
Personal Utilities	612	39,588,755	10,284	10,333,919	21,585,937	43,453,234
Jewellery and timepieces	116	8,149,038	2,894	3,132,325	4,643,157	9,878,093
Recreational supplies	61	4,222,457	1,273	1,016,184	1,107,880	2,820,817
Personal utilities	435	27,217,260	6,117	6,185,410	15,834,900	30,754,324

¹ See footnote at end of table.

* Exclusive of employees in the butter and cheese industry in Quebec.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups for Representative Years 1922-1934, and in Detail for 1935—concluded.

Year and Purpose Heading.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
House Furnishings	679	66,402,670	18,018	15,911,383	24,494,871	52,944,629
Books and Stationery	2,262	128,707,801	36,626	46,896,177	34,354,450	117,736,267
Vehicles and Vessels	464	226,007,916	45,717	53,362,973	120,325,337	215,103,397
Producers Materials	6,737	1,410,095,540	177,160	175,890,774	427,693,968	845,108,272
Farm materials	19	15,646,828	996	1,239,337	4,302,594	6,075,616
Manufacturers' materials	1,117	1,102,343,945	117,821	126,204,359	330,059,688	651,850,682
Building materials	5,004	221,869,857	43,440	35,011,831	66,336,121	134,648,112
General materials	507	70,234,910	14,903	13,435,247	26,935,505	52,533,862
Industrial Equipment	2,897	2,037,312,404	91,835	109,494,019	187,338,713	524,836,751
Farming equipment	41	55,713,461	5,034	5,361,495	6,497,252	13,831,136
Manufacturing equipment	224	61,044,427	9,547	11,045,724	12,588,990	34,096,006
Trading equipment	144	9,542,542	1,693	1,876,404	952,830	4,780,063
Service equipment	275	30,562,972	6,008	7,012,207	11,273,522	31,234,028
Light, heat and power equip-ment	1,465	1,715,390,000	42,623	55,867,256	102,682,355	324,796,557
General equipment	748	165,059,002	26,930	28,330,933	53,343,704	116,098,962
Miscellaneous	158	23,913,463	4,246	4,804,964	10,649,821	23,052,639

¹ Net value is gross value less cost of materials, fuel and electricity for 1924 and later years; see footnote 1 to Table 1. These calculations are not available for the purpose classification.

Subsection 3.—Manufactures Classified by Origin of the Materials.

Classification of Manufacturing Production According to the Origin of the Materials Worked Upon.—The principal statistics of the manufactures of Canada, classified upon the basis of "origin", are presented in Table 11 for the years 1924, 1926, 1929, 1933 to 1935. By this means Canadian manufacturing production may be analysed from a new angle, one by means of which interesting comparisons may be made with the external trade classification according to origin.

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than their actual source. Thus, the industries included in the foreign origin classes are those depending upon materials which cannot be grown in Canada such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc., but it should be understood that industries included in the Canadian origin classes may be using large quantities of imported corn, fruit, tobacco, hides, wool, etc.

While the period reviewed in the following table covers only the short space of the 12 years from 1924 to 1935, interesting changes have taken place in the relative importance of the industries based on materials from the different origins. Since the purpose of such a comparison is to discover the relative importance of the manufacturing work done upon materials from the different origins, the figures of net value of products or the value added to the raw materials by the manufacturing processes will give a more accurate measure of the importance of the industrial groups than the figures of gross value of products.

The value added in the manufacture of materials of mineral origin represented 32.5 p.c. of the total value added by manufacture in all industries in 1935. This group advanced from second place in 1924 when the percentage of the total was 27.9.

The second largest group from the point of view of value added is that of farm origin which accounted for 27.9 p.c. of the total value in 1935. This group, with 30.7 p.c. of the total, was in first place in 1924. The value added by the industries of the forest group, which are third in importance, declined from 23.8 p.c. of the total in 1924 to 18.7 p.c. in 1935. On the other hand, central electric stations bettered their position, the percentages of the totals being 7.6 in 1924 and 9.9 in 1935. The above percentages of values added are based on the old method of computation, whereby the materials only are deducted from the gross value of products. The increase during the period under review in the relative importance of the industries of the mineral group was probably due to a number of influences. The expansion of the motor vehicle industry, the rapid growth in the use of electrical equipment, growing dependence of the construction industry upon large quantities of steel, cement, and various other manufactured mineral products, and the development of metallurgical plants in Canada were some factors in the growing importance of the mineral group of industries. Another factor in this trend has been the growing appreciation and development of the wealth of the mineral resources of Canada. Not only have the various mining activities made the raw materials for mineral industries more readily available, but those activities have also required large quantities of machinery, electrical apparatus, and other finished products of mineral origin.

In the year 1935, the industries of the farm group exceeded those of any other group in the gross value of products with 35.1 p.c. of the total, as compared with 34.3 p.c. for the mineral and 15.4 p.c. for the forest origin group. These three principal groups stood in the same order of importance with regard to the number of persons employed. In salaries and wages paid, the mineral origin group ranks first, followed by the farm origin and forest origin groups. In the matter of capital invested, central electric stations led with 31.1 p.c. of the total, followed by the mineral group with 26.8 p.c., the forest group with 18.4 p.c. and the farm group with 17.8 p.c.

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups for Representative Years 1924-35.

Year and Origin.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
Totals 1924.	22,178	3,538,813,460	508,593	559,884,045	1,438,409,681	2,695,053,582
Farm Origin—						
(a) From field crops.....	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
Canadian origin.....	4,311	299,158,049	51,462	53,793,131	270,753,367	440,469,831
Foreign origin.....	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
(b) From animal husbandry.....	4,086	253,858,082	64,671	66,696,501	285,502,644	413,007,421
Canadian origin.....	4,068	247,073,900	63,052	65,424,520	282,604,316	407,766,406
Foreign origin.....	18	6,785,082	1,619	1,271,975	2,898,328	5,241,015
Totals, Farm Origin	8,681	779,576,553	154,107	154,485,738	718,946,020	1,104,520,680
Canadian origin.....	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin.....	302	233,344,604	39,593	35,268,081	165,588,137	256,284,443
Wild life origin.....	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Marine origin.....	536	20,304,785	11,137	3,344,348	16,089,332	26,637,982
Forest origin.....	6,873	876,149,632	126,907	147,719,245	245,183,429	544,282,597
Mineral origin.....	2,806	1,010,517,044	136,837	171,068,497	349,800,585	700,002,097
Mixed origin.....	1,805	212,861,904	63,723	62,125,420	100,884,146	211,054,212
Central electric stations.....	951	628,565,093	12,828	17,946,584	Nil	95,169,768

¹ Net value is gross value less cost of materials, fuel and electricity for 1924 and later years; see footnote to Table 1. These calculations are not available for the origin classification.

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups for Representative Years 1924-35—continued.

Year and Origin.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
1926.						
Totals.....	22,708	3,981,569,590	581,539	653,850,833	1,728,624,192	3,221,269,231
Farm Origin—						
(a) From field crops.....	4,097	565,932,312	99,200	95,403,666	486,522,508	773,023,228
Canadian origin.....	4,434	323,033,863	56,017	54,719,806	299,452,868	486,709,022
Foreign origin.....	263	242,898,449	43,183	40,683,860	187,069,640	286,314,206
(b) From animal husbandry.....	4,149	258,779,323	68,362	71,675,146	337,243,258	475,700,979
Canadian origin.....	4,137	248,759,804	65,939	69,690,146	333,770,293	467,253,826
Foreign origin.....	12	10,019,519	2,423	1,985,000	3,472,965	8,507,153
Totals, Farm Origin.....	8,846	824,711,635	167,562	167,078,812	823,765,766	1,248,784,207
Canadian origin.....	8,571	571,793,607	121,956	124,409,952	633,223,161	953,962,848
Foreign origin.....	275	252,917,968	45,606	42,668,860	190,542,605	294,821,359
Wild life origin.....	232	13,321,668	3,662	4,328,731	12,459,350	21,775,688
Marine origin.....	831	28,868,071	17,408	5,622,837	22,034,129	36,100,764
Forest origin.....	6,710	926,726,166	133,428	159,969,652	260,039,864	507,551,657
Mineral origin.....	3,284	1,200,704,022	173,515	226,802,705	489,898,292	982,103,019
Mixed origin.....	1,748	231,017,962	72,558	70,105,196	120,426,791	245,930,163
Central electric stations.....	1,057	756,220,066	13,409	19,943,000	Nil	88,933,733
1929.						
Totals.....	23,597	5,083,014,754	604,434	813,049,842	2,032,020,975	4,029,371,340
Farm Origin—						
(a) From field crops.....	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
Canadian origin.....	4,893	436,282,846	67,234	67,235,530	326,292,523	598,311,861
Foreign origin.....	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385
(b) From animal husbandry.....	3,873	300,457,360	71,818	76,931,259	361,854,627	522,170,403
Canadian origin.....	3,850	272,178,703	67,446	73,105,463	355,763,503	507,604,323
Foreign origin.....	23	28,278,657	4,372	3,826,796	6,091,124	14,476,080
Totals, Farm Origin.....	9,064	997,663,523	186,054	192,132,551	858,697,207	1,411,245,649
Canadian origin.....	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin.....	321	289,201,974	51,374	51,791,558	176,641,181	305,239,465
Wild life origin.....	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Marine origin.....	730	28,644,412	16,367	5,411,855	21,496,859	34,966,200
Forest origin.....	7,353	1,148,558,242	163,863	191,044,307	313,088,904	722,269,066
Mineral origin.....	3,219	1,559,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Mixed origin.....	1,973	287,415,421	89,340	90,818,182	147,206,925	324,646,012
Central electric stations.....	1,024	1,056,731,532	16,164	24,831,821	Nil	122,833,446
1933.						
Totals.....	25,232	4,689,373,704	493,903	465,562,090	969,188,574	2,086,847,847¹
Farm Origin—						
(a) From field crops.....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930 ¹
Canadian origin.....	5,424	393,913,114	59,378	51,750,819	173,684,115	322,289,909 ¹
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021 ¹
(b) From animal husbandry.....	3,978	265,730,399	72,970	62,195,099	199,671,203	320,662,509 ¹
Canadian origin.....	3,949	235,537,529	65,169	53,056,567	191,875,661	297,907,540 ¹
Foreign origin.....	29	30,192,870	7,801	6,138,532	7,795,542	22,754,969 ¹
Totals, Farm Origin.....	9,724	874,774,928	166,403	143,850,281	462,678,246	814,711,439¹
Canadian origin.....	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449 ¹
Foreign origin.....	351	245,324,285	41,856	36,042,895	97,118,470	194,513,990 ¹
Wild life origin.....	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927 ¹
Marine origin.....	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323 ¹
Forest origin.....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257 ¹
Mineral origin.....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003 ¹
Mixed origin.....	2,177	212,939,536	71,849	57,363,558	83,406,249	186,908,817 ¹
Central electric stations.....	1,041	1,386,532,055	14,717	21,431,877	Nil	117,532,081 ¹

¹ Net value is gross value less cost of materials, fuel and electricity for 1924 and later years; see footnote to Table 1. These calculations are not available for the origin classification.

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups for Representative Years 1924-35—concluded.

Year and Origin.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
Totals 1934.	25,643	4,762,917,730	545,162	533,594,635	1,230,977,653	2,533,758,954¹
Farm Origin—						
(a) From field crops.....	5,866	607,420,061	99,966	89,162,003	308,435,652	566,150,163 ¹
Canadian origin.....	5,528	393,120,615	62,345	55,177,304	200,631,739	365,790,890 ¹
Foreign origin.....	338	214,299,446	37,621	33,984,699	107,803,913	200,359,273 ¹
(b) From animal husbandry.....	3,955	273,632,909	79,824	68,772,951	249,605,928	382,805,562 ¹
Canadian origin.....	3,926	239,440,017	70,604	61,236,979	240,051,996	356,626,503 ¹
Foreign origin.....	29	34,192,892	9,220	7,535,972	9,553,932	25,879,059 ¹
Totals, Farm Origin	9,821	881,052,970	179,790	157,934,954	558,041,580	948,655,725¹
Canadian origin.....	9,454	632,560,632	132,949	116,414,283	440,683,735	722,426,393 ¹
Foreign origin.....	367	248,492,338	46,841	41,520,671	117,357,845	226,229,332 ¹
Wild life origin.....	334	12,031,578	3,651	3,645,440	8,258,147	14,156,511 ¹
Marine origin.....	665	17,372,799	4,063	2,870,119	15,567,160	24,056,927 ¹
Forest origin.....	7,946	873,518,030	113,842	113,571,898	153,644,299	397,058,771 ¹
Mineral origin.....	3,556	1,271,242,338	150,694	189,962,858	395,976,386	809,659,506 ¹
Mixed origin.....	2,298	217,847,849	77,548	63,779,875	99,480,481	215,707,901 ¹
Central electric stations.....	1,043	1,430,852,166	14,974	21,829,491	Nil	124,463,613 ¹
Totals 1935.	25,491	4,698,991,853	582,874	590,326,904	1,420,885,153	2,807,337,381
Farm Origin—						
(a) From field crops.....	5,620	592,460,185	102,120	92,346,954	332,576,494	594,405,019
Canadian origin.....	5,268	385,787,001	64,088	58,212,158	219,828,843	392,090,889
Foreign origin.....	352	206,673,184	38,032	34,134,796	112,747,651	202,314,130
(b) From animal husbandry.....	—	—	—	—	—	—
Canadian origin.....	3,881	242,276,644	74,556	67,115,718	264,608,357	389,696,072
Foreign origin.....	—	—	—	—	—	—
Totals, Farm Origin	9,501	834,736,829	176,676	159,462,672	597,184,851	984,101,091
Canadian origin.....	9,149	628,063,645	138,644	125,327,876	484,437,200	781,786,961
Foreign origin.....	352	206,673,184	38,032	34,134,796	112,747,651	202,314,130
Wild life origin.....	322	11,432,808	3,724	3,797,913	8,163,673	13,893,417
Marine origin.....	630	17,144,806	4,766	2,874,553	14,772,722	23,458,356
Forest origin.....	8,058	862,608,889	120,578	123,959,435	173,104,957	432,743,826
Mineral origin.....	3,603	1,260,176,377	171,051	202,180,299	511,639,555	961,973,179
Mixed origin.....	2,336	253,070,976	90,621	75,532,039	116,019,395	254,052,601
Central electric stations.....	1,041	1,459,821,168	15,458	22,519,993	—	137,114,911

¹ Net value is gross value less cost of materials, fuel and electricity for 1924 and later years; see footnote to Table I. These calculations are not available for the origin classification.

Subsection 4.—The Forty Leading Manufacturing Industries.

A prominent feature of Canadian manufacturing development in recent years has been the growth of central electric stations and non-ferrous metal smelting. These industries, based upon water power and mineral resources, have taken their places among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources.

In the following statement, the rank of the ten leading industries in 1935, from the standpoint of gross value of production, is compared with their respective ranks in representative years since 1922.

**THE TEN LEADING INDUSTRIES, 1935, COMPARED AS TO RANK FOR
REPRESENTATIVE YEARS 1922-34.**

Industry.	Rank in—					
	1935.	1934.	1933.	1929.	1926.	1922.
Non-ferrous metal smelting and refining.....	1	2	3	10	10	38
Pulp and paper.....	2	1	1	1	1	2
Central electric stations.....	3	3	2	8	7	6
Slaughtering and meat packing.....	4	4	4	2	3	3
Automobiles.....	5	8	12	4	5	7
Butter and cheese.....	6	6	6	6	6	5
Flour and feed mills.....	7	5	5	3	2	1
Petroleum products.....	8	7	7	11	12	10
Sawmills.....	9	12	15	5	4	4
Electrical apparatus and supplies.....	10	15	17	8	14	17

The incidence of the depression resulted in a re-arrangement in the rank of many industries which has already proved temporary in some cases. The suspension of capital expenditures, a serious factor in the depression, greatly reduced the output of such important industries as: sawmills, electrical equipment, automobiles, railway rolling-stock, primary iron and steel, machinery, etc. On the other hand, the demand for goods for immediate consumption was more stable, including such industries as: petroleum products, bakeries, cotton yarn and cloth, printing and publishing, clothing, tobacco, beverages, etc. However, as previously stated, some return to the pre-depression order of importance is in evidence. Comparing the rankings for 1934 with those for 1935, it may be noted that automobiles came up from eighth place to fifth place, sawmills from twelfth to ninth and electrical equipment from fifteenth to tenth; while cotton yarn and cloth and bread and other bakery products, appearing in ninth and tenth place, respectively, in 1934, were not listed among the ten leading industries in 1935.

**12.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to the Gross Value of the Products, 1935.**

Industry.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1 Non-ferrous metal smelting and refining.....	15	145,686,209	8,944	12,687,356	126,804,075	186,245,658
2 Pulp and paper.....	95	545,572,938	27,836	35,893,313	57,995,037	182,651,282
3 Central electric stations.....	1,041	1,459,821,168	15,458	22,519,993	—	137,114,911
4 Slaughtering and meat packing.....	139	58,207,715	10,674	12,448,347	108,191,810	133,379,312
5 Automobiles.....	20	40,765,548	13,095	18,797,599	75,645,998	106,624,445
6 Butter and cheese.....	2,589	58,291,763	14,786	13,905,135	69,953,193	99,888,971
7 Flour and feed mills.....	1,127	56,475,315	5,454	5,165,507	78,071,667	97,567,868
8 Petroleum products.....	58	64,707,454	4,856	7,153,224	58,869,814	79,950,525
9 Sawmills.....	3,698	75,973,627	25,727	17,711,657	35,927,884	65,905,132
10 Electrical apparatus and supplies.....	192	75,499,255	15,549	17,594,759	25,409,806	61,152,834

12.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1935.—Concluded

Industry.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
11 Bread and other bakery products.....	3,045	43,788,924	19,167	16,369,912	28,343,545	59,400,668
12 Cotton yarn and cloth.....	35	70,741,613	18,121	13,206,265	33,689,673	59,378,664
13 Rubber goods including footwear.....	45	63,435,798	11,023	11,017,431	20,258,774	55,949,570
14 Printing and publishing.....	793	53,721,846	16,889	23,061,512	11,197,377	55,832,925
15 Clothing, factory, women's.....	591	22,668,528	17,894	14,593,861	31,642,215	53,796,274
16 Hosiery and knitted goods.....	163	50,048,900	18,511	14,252,653	22,948,056	46,390,103
17 Railway rolling stock.....	37	86,647,010	16,921	18,785,671	20,769,208	41,213,039
18 Biscuits, confectionery, cocoa, etc.....	234	37,779,319	10,446	9,315,563	19,231,189	41,197,833
19 Breweries.....	73	57,928,298	4,460	6,155,642	15,024,625	40,699,040
20 Tobacco, cigars and cigarettes.....	116	58,178,513	8,145	7,221,048	19,701,385	39,103,875
21 Castings and forgings.....	303	63,585,479	13,760	14,138,972	14,042,882	38,779,813
22 Primary iron and steel.....	63	86,465,490	9,623	12,279,390	18,539,072	38,700,961
23 Coke and gas products.....	44	98,939,160	4,107	5,627,861	15,233,519	38,474,789
24 Fruit and vegetable preparations.....	298	38,272,379	7,912	5,063,481	22,252,826	38,278,487
25 Sugar refineries.....	8	33,017,874	2,134	3,086,691	25,137,568	36,597,997
26 Clothing, factory, men's.....	170	16,271,865	9,296	8,990,370	20,676,934	26,578,897
27 Boots and shoes, leather.....	217	24,313,445	15,930	11,742,871	19,431,799	35,989,912
28 Sheet metal products.....	129	47,369,004	6,580	6,802,698	18,971,146	33,564,302
29 Printing and bookbinding.....	1,182	40,331,944	12,194	13,707,159	11,653,559	33,188,331
30 Machinery.....	211	59,899,705	8,949	10,531,251	14,194,263	32,856,175
31 Automobile supplies.....	82	23,260,333	6,614	7,411,434	18,528,296	32,684,252
32 Silk and artificial silk.....	33	35,063,023	10,088	8,371,037	10,946,739	28,045,340
33 Coffee, tea and spices.....	86	13,431,195	2,118	2,537,077	17,543,308	24,214,761
34 Boxes and bags, paper.....	146	21,153,422	5,562	5,432,060	12,952,362	23,466,368
35 Fish canning and curing.....	630	17,144,806	4,766	2,874,553	14,772,722	23,458,356
36 Furnishing goods, men's.....	176	15,569,465	8,957	5,788,255	13,916,201	23,152,780
37 Medicinal and pharmaceutical preparations.....	166	20,091,688	3,664	4,800,252	7,009,191	21,292,751
38 Leather tanneries.....	85	22,982,210	3,987	3,920,106	12,991,558	20,497,553
39 Paints and varnishes.....	80	22,709,466	3,060	4,242,116	9,610,743	20,341,407
40 Woolen cloth.....	65	19,620,649	6,305	5,108,603	10,342,336	19,343,305
Totals, Forty Leading Industries.....	18,260	2,845,332,433	429,442	446,612,685	1,166,422,555	2,322,947,466
Totals, All Industries.....	25,491	4,698,991,853	582,874	596,326,904	1,429,885,153	2,867,337,351
Percentages of leading industries to all industries.....	71.6	81.2	73.7	74.5	82.9	79.2

Section 3.—Provincial Distribution of Manufacturing Production.

Subsection 1.—Gross Value of Production.

Ontario and Quebec are the most important manufacturing provinces of Canada. Their combined production in 1935 amounted to \$2,245,000,000 or nearly 80 p.c. of the gross value of manufactured products of the Dominion. Of this amount Ontario contributed \$1,424,000,000 and Quebec \$821,000,000. The proximity of Ontario to the coal-fields of Pennsylvania, the water-power resources of the two provinces and their nearness to the larger markets of Canada and the United States have all contributed to the above result. British Columbia had in 1935 the third largest gross manufacturing production, \$198,000,000, and Manitoba the fourth, \$118,000,000. Alberta, Nova Scotia, New Brunswick, and Saskatchewan followed in the order named, with gross productions ranging from \$73,000,000 to \$47,000,000, succeeded by Prince Edward Island with \$3,400,000. The following table, prepared for the first time in 1935, presents in summary form a complete picture of all Canadian manufacturing from the point of view of gross value of production.

13.—Gross Value of Products of the Manufacturing Industries of Canada,

	Group and Industry	Prince Edward Island.	Nova Scotia.	New Brunswick.
		\$	\$	\$
1.	—Vegetable Products.....	581,681	9,520,381	12,486,101
1	Biscuits, confectionery, cocoa and chocolate.....	1	1,841,562	1,503,170
2	Bread and other bakery products.....	138,371	1,227,848	1,274,811
3	Breweries.....	—	1	1
4	Coffee, tea and spices.....	—	659,309	2,803,886
5	Distilleries.....	—	1	1
6	Flour and feed mills.....	166,290	435,042	573,166
7	Foodstuffs, breakfast.....	—	—	—
8	Foodstuffs, stock and poultry.....	124,878	1	1
9	Foodstuffs, miscellaneous.....	—	1	1
10	Fruit and vegetable preparations.....	1	735,378	139,837
11	Ice cream cones.....	—	—	—
12	Linseed and soya bean oil.....	—	—	—
13	Macaroni, vermicelli, etc.....	—	—	—
14	Malt and malt products.....	—	—	—
15	Rice mills.....	—	—	—
16	Rubber goods, including footwear.....	—	—	—
17	Starch and glucose.....	1	—	1
18	Sugar refineries.....	—	1	1
19	Tobacco, cigars and cigarettes.....	1	—	—
20	Tobacco processing and packing.....	—	—	—
21	Wine.....	—	—	—
22	All other industries.....	152,142	4,621,242	6,191,231
2.	—Animal Products.....	1,520,181	8,043,795	5,560,288
1	Animal oils and fats.....	—	—	1
2	Belting, leather.....	—	—	—
3	Boot and shoe findings, leather.....	—	—	—
4	Boots and shoes, leather.....	—	1	573,358
5	Butter and cheese.....	488,472	2,120,922	1,282,759
6	Condensed milk.....	—	1	—
7	Dairy products, other.....	1	—	1
8	Fish curing and packing.....	633,242	5,368,117	2,462,790
9	Fur dressing and dyeing.....	—	—	—
10	Fur goods.....	—	1	1
11	Gloves and mittens, leather.....	—	—	—
12	Hair goods, animal and human.....	—	—	—
13	Leather tanneries.....	—	1	1
14	Miscellaneous leather goods.....	1	63,837	44,179
15	Sausage and sausage casings.....	—	1	1
16	Slaughtering and meat packing.....	384,363	78,554	1,135,960
17	All other industries.....	14,104	412,365	61,242
3.	—Textiles and Textile Products.....	41,787	5,129,771	4,189,930
1	Awings, tents and sails.....	—	20,085	1
2	Bags, cotton and jute.....	1	—	—
3	Butting and wadding.....	—	—	—
4	Carpets, mats and rugs.....	—	1	1
5	Clothing, factory, men's.....	—	1	—
6	Clothing, factory, women's.....	—	—	1
7	Clothing contractors, men's and women's.....	—	—	—
8	Cordage, rope and twine.....	—	1	—
9	Corsets.....	—	—	—
10	Cotton and wool waste.....	—	—	—
11	Cotton textiles, n.e.s.....	—	—	—
12	Cotton thread.....	—	—	—
13	Cotton yarn and cloth.....	—	1	1
14	Dyeing and finishing of textiles.....	—	—	—
15	Dyeing, cleaning and laundry work.....	1	570,447	338,727
16	Flax, dressed.....	—	—	—
17	Furnishing goods, men's.....	—	1	1
18	Gloves and mittens, fabric.....	—	—	—
19	Hats and caps.....	—	1	24,714
20	Hosiery and knitted goods.....	—	1,916,899	1
21	Miscellaneous textiles, n.e.s.....	—	—	—
22	Oiled and waterproof clothing.....	—	97,751	—
23	Silk and artificial silk.....	—	—	—
24	Woollen cloth.....	1	1	1
25	Woollen goods, n.e.s.....	—	1	—
26	Woollen yarn.....	—	11,150	49,358
27	All other industries.....	41,787	2,513,439	3,777,131

by Provinces, Groups and Individual Industries, 1935.

Quebec.	Ontario.	Manitoba.	Saskatche- wan.	Alberta.	British Columbia and Yukon.	Canada.	
\$	\$	\$	\$	\$	\$	\$	
142,918,743	254,613,931	21,739,246	16,228,855	21,133,127	29,606,977	569,822,142	1
10,963,751	23,336,850	1,803,960	5,281	548,549	1,191,784	41,197,833	2
15,354,214	29,204,032	3,024,618	1,680,547	2,382,226	5,114,001	59,400,668	3
14,434,156	14,879,017	2,634,109	1,597,636	2,687,557	3,569,009	40,699,040	4
6,697,198	8,117,995	2,159,016	1	184,019	3,535,221	24,214,761	5
7,663,846	7,201,677	—	—	—	1	16,114,361	6
12,271,911	51,790,071	7,400,427	12,785,321	11,726,301	449,339	97,567,868	7
—	9,412,059	202,299	1	—	37,635	9,055,049	8
837,007	3,366,514	130,429	1	115,104	1,912,685	6,631,971	9
5,758,697	7,587,811	635,895	—	33,700	509,489	14,639,623	10
5,554,464	25,971,236	461,075	1	230,053	5,130,120	38,276,487	11
1	268,990	—	—	—	1	281,612	12
1,846,585	1	1	—	1	—	3,068,776	13
825,842	342,352	—	—	—	192,482	1,488,950	14
1,213,602	1,803,924	2,907,106	—	1	—	6,065,058	15
1	—	—	—	—	619,772	1,497,948	16
9,444,001	46,466,350	—	—	—	1	55,949,570	17
1	1	—	—	—	1	5,082,694	18
33,358,806	5,587,883	1	—	1	73,289	36,597,997	19
562,289	7,672,474	—	—	—	—	39,103,875	20
1	2,804,813	—	—	—	—	8,235,763	21
17,132,374	8,827,983	380,222	160,070	3,225,618	347,425	3,152,238	22
1	—	—	—	—	6,918,726	—	23
86,336,284	153,353,564	32,109,640	13,185,226	22,739,919	29,964,660	351,643,587	
—	1	1	—	—	—	139,619	1
387,317	299,997	—	—	—	—	687,314	2
1,004,336	317,697	—	—	—	—	1,322,033	3
20,954,632	13,751,113	190,956	—	—	432,729	35,989,912	4
27,625,840	44,221,126	7,602,065	6,557,615	6,313,086	3,677,086	99,888,971	5
—	6,854,041	—	—	—	1	8,142,184	6
447,294	1,039,123	—	1	152,186	242,299	2,121,213	7
572,346	—	—	—	—	14,421,861	23,458,356	8
829,308	472,902	1	—	—	1	1,374,747	9
5,644,899	5,317,193	1,243,832	44,495	79,241	140,768	12,518,670	10
2,057,313	1,128,386	340,862	—	—	160,541	3,607,541	11
1	60,317	—	—	—	—	75,880	12
2,110,557	18,128,743	89,308	50,933	30,608	1	20,497,553	13
1,875,674	3,952,672	304,869	15,562	64,184	113,395	6,444,629	14
723,746	749,461	296,406	—	—	126,482	1,916,095	15
22,087,549	56,932,181	21,832,403	6,500,945	16,088,230	8,339,127	133,379,312	16
15,563	128,612	207,939	15,676	3,414	1,150,372	—	17
178,226,210	151,728,944	9,981,989	422,700	2,195,497	5,189,459	357,106,277	
384,816	820,282	34,528	1	55,134	273,691	1,605,311	1
2,747,900	2,461,996	2,620,072	—	—	1	8,404,107	2
1	569,959	—	—	—	—	889,664	3
1	3,338,711	1	—	1	—	3,389,999	4
22,686,491	12,801,594	547,747	—	1	1	36,578,897	5
32,912,629	17,832,670	2,266,615	1	156,571	572,301	53,796,274	6
1,720,959	197,616	—	—	—	—	1,918,575	7
1	4,164,709	—	—	—	1	5,127,087	8
2,316,374	2,040,988	—	—	—	—	4,357,362	9
330,607	1,404,540	—	—	—	106,055	1,841,202	10
1,943,485	1,156,307	—	—	1	—	3,132,642	11
2,898,129	—	—	—	—	—	3,675,172	12
41,660,189	14,015,279	—	—	—	—	59,378,664	13
1,429,837	2,573,929	—	—	—	—	4,004,734	14
4,117,644	6,842,016	1,383,042	412,874	674,767	1,941,655	16,311,261	15
1	61,897	—	—	—	—	124,949	16
11,022,343	7,768,032	2,245,359	—	984,046	559,213	23,152,780	17
211,633	—	—	—	—	1	539,451	18
4,909,312	5,717,657	494,560	—	1	44,977	11,524,478	19
13,323,591	30,030,875	331,660	—	86,903	258,961	46,300,163	20
5,578,322	2,328,950	—	—	—	—	7,907,272	21
390,781	601,552	—	—	—	—	1,090,087	22
19,329,540	8,715,800	—	—	—	—	28,045,340	23
4,841,873	13,953,502	1	—	—	165,318	19,343,305	24
2,145,406	3,193,275	—	—	—	1	5,525,741	25
857,397	7,729,836	—	—	—	—	8,647,741	26
466,949	1,406,912	58,406	9,826	238,126	1,267,288	404,074	27

13.—Gross Value of Products of the Manufacturing Industries of Canada,

Group and Industry.		Prince Edward Island.	Nova Scotia.	New Brunswick.
		\$	\$	\$
4.—Wood and Paper Products		547,049	11,431,162	23,046,542
1	Beekeepers' and poultrymen's supplies	—	—	—
2	Blue printing	—	1	—
3	Boat building	1	87,539	32,046
4	Boxes and bags, paper	—	228,599	108,282
5	Boxes, wooden	1	262,135	250,326
6	Carriages, wagons and sleighs	1	13,550	43,337
7	Charcoal	—	—	—
8	Coffins and caskets	1	1	1
9	Cooperage	—	321,284	69,122
10	Engraving, stereotyping and electrotyping	—	39,066	22,977
11	Excelsior	—	1	—
12	Flooring, hardwood	—	—	1
13	Furniture	—	75,710	133,988
14	Lasts, trees and shoe findings	—	1	—
15	Lithographing	—	1	—
16	Miscellaneous paper products	—	—	—
17	Miscellaneous wooden products	—	1	1
18	Planing mills, sash and door factories	92,190	592,277	596,026
19	Printing and bookbinding	29,588	283,978	275,187
20	Printing and publishing	172,612	1,847,287	1,021,652
21	Pulp and paper	—	4,331,670	14,860,796
22	Refrigerators	—	—	—
23	Roofing paper, wall-board, etc.	—	—	1
24	Sawmills	129,800	2,276,841	4,453,221
25	Sporting goods	—	1	—
26	Trade composition	—	—	—
27	Woodenware	—	233,533	1
28	Wood-turning	—	1	—
29	All other industries	122,859	837,693	1,179,582
5.—Iron and Its Products		253,845	12,891,132	4,265,955
1	Agricultural implements	1	—	—
2	Automobiles	—	—	—
3	Automobile supplies	—	—	1
4	Bicycles and skates	—	—	—
5	Boilers, tanks and engines	—	657,456	—
6	Bridge and structural steel work	—	—	—
7	Castings and forgings	1	1,306,754	1,176,533
8	Hardware and tools	1	1	41,771
9	Iron and steel products, n.e.s.	—	—	1
10	Machinery	1	1	—
11	Primary iron and steel	—	7,987,049	—
12	Railway rolling-stock	—	954,424	1
13	Sheet metal products	1	1	151,575
14	Wire and wire goods	—	1	1
15	All other industries	253,845	1,984,549	2,896,076
6.—Non-Ferrous Metal Products		—	41,238	386,769
1	Aluminum products	—	—	—
2	Brass and copper products	—	1	1
3	Electrical apparatus and supplies	—	1	—
4	Jewellery and silverware	—	1	1
5	Miscellaneous non-ferrous metal products	—	—	—
6	Non-ferrous metal smelting and refining	—	—	—
7	White metal alloys	—	—	—
8	All other industries	—	41,238	386,769
7.—Non-Metallic Mineral Products		51,718	11,635,959	879,480
1	Abrasive products	—	—	—
2	Aerated and mineral waters	21,096	343,784	324,739
3	Asbestos products	—	1	—
4	Cement	—	—	—
5	Cement products	—	1	1
6	Clay products, from domestic clay	—	270,478	62,478
7	Clay products, from imported clay	—	—	—
8	Coke and gas products	—	1	1
9	Glass products	—	—	—
10	Lime	—	1	124,775
11	Miscellaneous non-metallic mineral products	—	1	1

by Provinces, Groups and Individual Industries, 1935—continued.

Quebec.	Ontario.	Manitoba.	Saskatche- wan.	Alberta.	British Columbia and Yukon.	Canada.	
\$	\$	\$	\$	\$	\$	\$	
137,439,586	178,877,723	13,392,060	3,789,259	7,939,210	65,667,797	441,169,337	
1	51,500	1	1	1	1	138,660	1
88,486	45,510	1	1	1	21,712	178,468	2
56,808	591,678	1	1	1	225,124	1,024,450	3
6,015,992	14,839,185	1,284,847	1	1	927,257	23,466,368	4
761,813	2,120,718	389,316	1	357,813	1,525,173	5,899,219	5
338,787	286,629	151,647	9,145	1	1	846,305	6
32,244	1	1	1	1	1	50,661	7
504,937	1,183,001	1	1	1	94,375	2,270,961	8
198,265	1,163,210	1	1	1	84,184	1,846,353	9
912,926	5,098,774	382,583	1	56,343	190,337	6,719,867	10
1	80,142	1	1	1	1	171,904	11
519,658	1,492,776	1	1	1	1	2,346,973	12
4,617,247	12,037,972	610,508	1	171,214	1,561,411	10,208,050	13
986,287	118,454	1	1	1	1	1,239,830	14
1,476,724	6,410,641	1	1	1	424,327	8,895,444	15
2,718,496	8,616,322	239,177	1	1	816,686	12,425,181	16
267,313	1,692,998	30,224	1	1	769,051	3,227,670	17
4,106,275	7,643,119	390,879	368,740	471,003	2,699,863	16,990,472	18
8,264,470	18,435,605	3,139,875	298,055	901,308	1,660,265	33,188,331	19
12,643,205	27,072,537	3,709,337	2,302,508	2,487,017	1,676,770	55,832,925	20
78,701,994	51,041,765	1	1	1	13,141,602	162,651,282	21
1	257,859	1	1	1	1	367,769	22
1,872,019	1,740,903	1	1	1	1	4,142,604	23
9,860,342	10,696,071	951,851	625,177	1,198,640	35,713,189	65,905,132	24
142,937	1,479,217	9,875	1	1	1	1,696,604	25
133,442	360,329	1	6,673	1	1	556,051	26
318,671	520,010	1	1	1	45,979	1,141,937	27
642,520	701,564	1	1	1	132,925	1,483,052	28
1,257,728	3,087,253	2,049,841	178,961	1,415,872	1,157,567	7,537,774	29
62,427,355	282,791,632	14,233,781	512,440	3,992,170	8,800,619	390,228,929	
164,469	13,142,562	372,715	1	1	13,692,476	1	1
1	105,810,655	1	1	1	353,446	106,624,445	2
56,600	32,278,008	98,215	1	95,086	132,308	32,684,252	3
1,658,470	1,273,447	1	1	1	451,787	1,273,447	4
2,028,152	4,420,800	1	1	1	1	7,365,523	5
7,895,522	3,426,721	1	1	1	1	7,597,599	6
4,856,157	26,209,691	520,907	110,066	367,882	1,057,826	38,779,813	7
754,672	10,478,050	628,365	1	1	466,267	15,970,360	8
9,337,717	2,191,365	402,903	1	1	48,412	3,670,859	9
4,155,782	22,440,725	1,040,316	1	87,383	347,515	32,856,175	10
18,040,841	25,208,288	9,264,003	1	1	181,906	38,700,061	11
8,828,244	7,611,959	572,738	171,792	2,835,230	4,184,413	41,213,039	12
4,294,291	19,342,338	1	1	207,052	988,767	33,564,302	13
350,438	8,782,023	1,393,619	230,582	399,537	587,072	10,235,678	14
69,565,463	189,945,758	9,383,623	1,758,152	245,017	26,257,230	288,523,250	15
851,110	4,141,530	1	1	1	1	4,992,640	1
5,960,998	11,954,358	503,435	1	1	157,961	19,187,022	2
13,046,463	47,503,325	378,172	1	44,111	179,410	61,152,834	3
2,223,391	7,201,087	1	1	1	124,808	9,592,859	4
93,466	1,055,139	1	1	1	1	1,170,035	5
45,565,844	105,035,029	1	1	1	1	186,245,658	6
1,764,161	4,055,290	1	1	1	1	6,182,402	7
50,185,829	79,386,784	4,726,611	6,185,886	16,447,146	12,685,304	176,184,717	8
1	8,119,327	1	1	1	1	8,643,930	1
5,980,017	5,113,887	923,306	268,349	509,855	366,752	13,851,785	2
641,819	470,479	1	1	1	1	1,130,282	3
1	1	1	1	1	1	5,580,043	4
269,404	774,589	1	1	1	72,388	1,154,138	5
593,162	7,370,225	74,755	98,150	326,679	216,636	3,012,563	6
507,212	1,667,765	1	1	1	1	2,174,977	7
10,176,569	21,843,851	1,114,457	1	1	2,170,842	38,474,789	8
3,270,582	5,778,603	47,328	1	1	42,961	9,933,348	9
678,866	1,696,867	185,517	1	57,108	99,960	2,925,791	10
1,218,141	2,352,711	299,303	1	1	1	4,237,500	11

13.—Gross Value of Products of the Manufacturing Industries of Canada,

	Group and Industry	Prince Edward Island.	Nova Scotia.	New Brunswick.
		\$	\$	\$
7.—Non-Metallic Mineral Products—Concluded				
12	Petroleum products.....	—	1	1
13	Salt.....	—	1	—
14	Sand-lime brick.....	—	—	—
15	Stone, monumental and ornamental.....	30,622	95,294	41,543
16	All other industries.....	—	10,926,403	325,945
8.—Chemicals and Chemical Products.....		81,018	1,444,261	1,232,251
1	Acids, alkalis and salts.....	—	1	—
2	Adhesives.....	—	1	—
3	Coal tar distillation.....	—	1	1
4	Explosives, ammunition and fireworks.....	—	1	—
5	Fertilizers.....	—	—	620,514
6	Gases, compressed.....	—	1	—
7	Inks, printing and writing.....	—	—	1
8	Medicinal and pharmaceutical preparations.....	—	90,822	1
9	Miscellaneous chemical products.....	—	1	—
10	Paints, pigments and varnishes.....	—	1	1
11	Polishes and dressings.....	—	1	—
12	Soaps and washing compounds.....	—	1	—
13	Toilet preparations.....	—	—	—
14	Wood distillation.....	—	—	1
15	All other industries.....	—	1,553,439	611,737
9.—Miscellaneous Industries.....		—	1,675,020	1,063,195
1	Aircraft.....	—	—	—
2	Artificial flowers and feathers.....	—	—	—
3	Automobile accessories, fabric.....	—	—	—
4	Brooms, brushes and mops.....	—	—	1
5	Buttons.....	—	—	—
6	Candles.....	—	—	—
7	Fountain pens and pencils.....	—	—	—
8	Ice, artificial.....	—	—	—
9	Jewel cases and silverware cabinets.....	—	—	—
10	Mattresses and springs.....	—	1	1
11	Motion pictures.....	—	—	—
12	Musical instruments.....	—	—	—
13	Novelties, advertising and other.....	—	—	—
14	Pipes, tobacco.....	—	—	—
15	Regalia and society emblems.....	—	—	—
16	Scientific and professional equipment.....	—	1	1
17	Shipbuilding and repairs.....	—	1,531,520	1
18	Signs, electric.....	—	—	—
19	Stamps and stencils, rubber and metal.....	—	1	—
20	Statuary, art goods and church supplies.....	—	—	—
21	Store display accessories.....	—	—	—
22	Toys and toy equipment.....	—	1	—
23	Typewriter supplies.....	—	—	—
24	Umbrellas.....	—	—	—
25	All other industries.....	—	143,500	1,063,195
10.—Central Electric Stations.....		278,727	5,096,453	3,233,679
Totals, All Industries.....		3,358,006	67,109,172	56,344,190

by Provinces, Groups and Individual Industries, 1935—concluded.

Quebec.	Ontario.	Manitoba.	Saskatche- wan.	Alberta.	British Columbia and Yukon.	Canada.	
\$	\$	\$	\$	\$	\$	\$	
23,157,263	25,121,188	1,299,492	5,683,815	7,791,296	9,229,863	79,950,525	12
1	1,698,508	1	1	—	—	1,880,978	13
1	131,717	—	—	—	—	154,950	14
672,970	1,794,919	153,843	98,114	103,168	88,645	3,079,118	15
3,019,844	1,752,148	628,610	37,458	1,659,040	397,757	—	16
34,767,941	69,364,933	3,839,153	324,764	562,736	6,817,171	118,574,228	
3,912,795	13,800,723	—	—	—	1,216,844	19,012,615	1
511,642	923,713	—	—	—	1	1,436,259	2
1	1,371,331	1	—	—	1	2,606,338	3
4,843,635	1	1	—	—	1	8,537,514	4
713,551	1,798,597	—	—	—	2,288,749	6,075,616	5
773,495	1,336,629	263,878	1	1	1	3,077,765	6
378,372	2,439,863	1	—	—	1	2,886,853	7
6,424,875	13,536,450	1,101,225	21,322	1	80,010	21,292,751	8
3,598,055	4,369,987	65,782	140,779	44,096	88,782	8,332,123	9
7,896,839	9,785,695	1,221,662	1	1	1,058,140	20,341,407	10
520,237	1,614,391	—	—	1	11,035	2,149,239	11
2,050,625	12,160,468	527,436	—	328,628	353,159	16,002,048	12
2,078,519	3,884,211	34,833	1	1	11,039	6,017,944	13
1	416,430	—	—	—	—	805,756	14
1,064,401	1,857,445	624,337	162,663	190,012	1,709,407	—	15
16,464,835	19,625,011	1,629,371	36,815	139,783	3,064,923	36,978,953	
1	491,177	1	—	—	—	880,699	1
175,872	114,012	—	—	—	—	290,784	2
1	485,563	1	—	—	—	606,128	3
562,990	2,081,719	154,718	1	—	214,994	3,461,474	4
570,217	800,489	—	—	—	—	1,370,706	5
409,941	1	—	—	—	—	445,714	6
710,032	1,161,708	—	—	—	—	1,871,800	7
185,553	1,026,068	1	—	—	289,730	1,581,508	8
—	285,434	—	—	—	—	285,434	9
2,468,185	2,250,540	1,112,174	—	1	363,271	6,383,567	10
1	202,804	—	—	—	1	1,087,364	11
296,164	237,654	—	—	—	1	535,668	12
82,529	173,230	1	—	—	—	262,217	13
26,723	—	—	—	—	—	26,723	14
1	47,494	1	—	—	1	92,120	15
62,852	5,494,940	17,386	—	1	1	5,599,515	16
2,684,765	992,931	—	—	—	1,432,310	7,291,442	17
519,811	534,458	88,511	1	72,214	440,893	1,661,887	18
103,553	348,634	16,622	1	1	31,758	518,722	19
124,504	760,249	1	—	—	94,901	983,437	20
1	1	—	—	—	—	69,054	21
9,135	577,335	—	—	—	—	588,455	22
1	573,715	—	—	—	—	686,615	23
119,576	172,123	—	—	—	1	299,063	24
1,292,433	191,774	239,980	39,815	67,569	137,066	98,797	25
47,868,550	53,535,095	6,729,818	4,377,205	4,776,962	11,278,462	132,114,911	1
821,029,796	1,423,562,474	117,734,293	46,821,362	73,282,607	198,166,542	2,807,337,381	

Subsection 2.—The Manufactures of the Maritime Provinces, 1935.

Table 14 gives the statistics of each of the Maritime Provinces for the year 1935. In Prince Edward Island, fish canning and curing, with a gross production of \$633,242 was foremost, followed by butter and cheese, slaughtering and meat packing, central electric stations, etc. Manufacturing in Nova Scotia and New Brunswick is, of course, dominated to a considerable extent by the steel and forest industries in the former and the forest industries in the latter, although there is a large sugar refinery in each province. The pulp and paper industry, with a gross value of production of \$14,860,796 in 1935, was the most important industry in New Brunswick, followed by sawmills with an output of \$4,453,221, central electric stations with an output of \$3,233,679, the coffee, tea and spice industry with an output of \$2,803,886, and fish canning and curing with a value of production of \$2,462,790. These five industries combined provided 49.4 p.c. of the gross manufacturing production of the province. In Nova Scotia, primary iron and steel was in first place. This industry was so severely affected by the depression that in 1933 it was only in fourth place, but it recovered first place in 1934 and maintained this position in 1935. The increase in production was about 112 p.c., from \$3,763,242 in 1933 to \$7,987,949 in 1935. Other leading industries with their values of production were: fish curing and packing, \$5,368,117; central electric stations, \$5,096,453; pulp and paper, \$4,331,570; sawmills, \$2,276,841; butter and cheese, \$2,120,922.

14.—Statistics of the Leading Industries of each of the Maritime Provinces, 1935.

NOTE.—Other leading industries, statistics of which cannot be given because there are fewer than three establishments in each industry, are: in Prince Edward Island, castings and forgings, and sheet metal products; in Nova Scotia, petroleum products, sugar refineries, coke and gas products, wire and wire goods, and cotton yarn and cloth; in New Brunswick, sugar refineries, railway rolling-stock, and cotton yarn and cloth. The statistics for these industries are included in the item "all other leading industries".

PRINCE EDWARD ISLAND.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1 Fish curing and packing.....	95	189,375	325	70,743	469,306	633,242
2 Butter and cheese.....	28	202,697	87	53,610	378,736	488,472
3 Slaughtering and meat packing...	3	96,652	44	34,882	285,412	384,363
4 Central electric stations.....	12	1,160,625	59	59,350	—	278,727
5 Printing and publishing.....	4	201,626	96	82,238	20,578	172,612
6 Flour and feed mills.....	11	57,478	14	7,235	114,365	166,290
7 Bread and other bakery products	11	100,502	40	29,966	80,222	138,371
8 Sawmills.....	54	135,014	81	17,691	71,673	129,800
9 Foods, stock and poultry.....	3	45,227	21	23,110	60,594	124,878
10 All other leading industries ¹	3	397,082	67	56,625	106,597	237,732
Totals, Leading Industries.....	224	2,706,278	840	435,450	1,587,483	2,754,487
Totals, All Industries.....	261	3,508,905	1,108	618,406	1,894,409	3,356,006

14.—Statistics of the Leading Industries of each of the Maritime Provinces, 1935 —concluded.

NOVA SCOTIA.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1 Primary iron and steel.....	6	19,233,969	1,630	2,161,043	4,481,459	7,987,949
2 Fish curing and packing.....	176	3,010,112	1,754	931,108	3,414,973	5,368,117
3 Central electric stations.....	76	30,926,072	838	924,419	-	5,096,453
4 Pulp and paper.....	5	12,354,017	754	927,194	1,398,885	4,331,670
5 Sawmills.....	572	1,592,368	1,747	465,212	1,269,760	2,276,841
6 Butter and cheese.....	30	1,168,992	280	277,907	1,339,355	2,120,922
7 Hosiery and knitted goods.....	3	2,308,705	662	477,204	964,468	1,016,899
8 Printing and publishing.....	34	1,953,216	665	803,976	308,200	1,847,287
9 Biscuits, confectionery, cocoa and chocolate.....	10	2,010,786	687	538,556	785,138	1,841,562
10 Shipbuilding and repairs.....	8	2,524,442	465	560,359	527,669	1,531,520
11 Castings and forgings.....	12	1,989,067	485	597,029	482,900	1,306,754
12 Bread and other bakery products	74	678,935	347	251,009	662,823	1,227,848
13 All other leading industries ¹	6	20,344,154	1,422	1,789,095	9,843,471	17,392,276
Totals, Leading Industries.....	1,012	100,094,835	11,736	10,704,111	25,478,101	54,216,098
Totals, All Industries.....	1,350	118,999,064	16,060	14,042,674	31,647,800	67,109,172

NEW BRUNSWICK.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1 Pulp and paper.....	6	34,374,039	2,097	2,345,339	4,460,481	14,860,796
2 Sawmills.....	270	6,107,218	2,130	952,643	2,777,166	4,453,221
3 Central electric stations.....	38	32,309,810	472	480,397	-	3,233,679
4 Coffee, tea and spices.....	5	2,093,986	262	289,995	2,022,012	2,803,886
5 Fish canning and curing.....	137	2,111,287	727	272,795	1,529,558	2,462,790
6 Biscuits, confectionery, cocoa and chocolate.....	7	1,642,199	555	389,464	760,947	1,503,170
7 Butter and cheese.....	33	932,476	203	181,327	842,914	1,282,759
8 Bread and other bakery products	88	785,504	389	269,351	648,431	1,274,811
9 Castings and forgings.....	10	2,028,536	448	459,048	318,494	1,176,533
10 Slaughtering and meat packing.....	7	402,501	145	147,452	948,521	1,135,960
11 Printing and publishing.....	24	1,311,643	395	480,690	144,250	1,021,652
12 All other leading industries ¹	6	14,434,481	2,546	2,517,807	6,253,038	9,894,731
Totals, Leading Industries.....	631	98,533,640	10,369	8,786,368	20,785,812	45,100,988
Totals, All Industries.....	872	115,635,568	13,937	11,680,095	25,551,371	50,344,190

¹ See headnote to this table on p. 00.

Subsection 3.—The Manufactures of Quebec, 1935.

The pulp and paper mills of Quebec, the most important manufacturing unit of the province, produced goods with a selling value at the factory of \$78,701,994 in 1935. This exceeded by nearly \$31,000,000 the total value produced by central electric stations (\$47,808,550), the industry which ranked second in importance. This was followed by non-ferrous metal smelting and refining (\$45,565,844), cotton yarn and cloth (\$41,660,189), tobacco, cigars and cigarettes (\$33,358,806), women's factory clothing (\$32,912,629), butter and cheese (\$27,625,840), petroleum products (\$23,157,263), men's factory clothing (\$22,686,491), and slaughtering and meat packing (\$22,087,549). A change took place in the ranking of some of the more important industries of the province. Non-ferrous metal products advanced from fourth to third place, petroleum products from ninth to eighth and men's factory clothing from tenth to ninth. Cotton yarn and cloth dropped from third to fourth place and slaughtering and meat packing from eighth to tenth.

The importance of the pulp and paper industry in Quebec is shown by comparison with the industry throughout Canada. The Quebec section of the industry, in addition to supplying about 10 p.c. of the total gross value of all products manufactured in the province, furnished 48 p.c. of the products of pulp and paper mills throughout the country. The gross value of cotton yarn and cloth products from Quebec mills formed 70 p.c., the value of railway rolling stock 44 p.c., the value of tobacco, cigars and cigarettes 85 p.c., and the value of boots and shoes 58 p.c. of the Dominion totals for these products. Thus, Quebec is an outstanding manufacturing province rather on account of her individual industries than because of the diversification of her industrial activity.

15.—Principal Statistics of the Forty Leading Industries of the Province of Quebec, 1935.

NOTE.—Statistics for sugar-refining, which is also one of the leading industries of this province, cannot be published, since there are less than three establishments reporting.

Industry.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1 Pulp and paper.....	41	270,317,060	13,450	16,728,580	27,212,951	78,701,994
2 Central electric stations.....	135	643,826,223	3,716	5,391,621	—	47,808,550
3 Non-ferrous metal smelting.....	3	23,571,156	1,238	1,722,984	32,612,333	45,565,844
4 Cotton yarn and cloth.....	15	46,380,393	11,848	8,549,162	24,829,092	41,060,189
5 Tobacco, cigars and cigarettes.....	66	49,409,020	6,760	5,915,878	16,938,781	33,358,806
6 Clothing, women's factory.....	312	12,979,513	10,475	8,327,938	19,688,226	32,912,629
7 Butter and cheese.....	1,234	15,119,000	4,522	3,303,607	21,338,616	27,625,540
8 Petroleum products.....	8	21,989,741	1,035	1,591,324	17,357,448	23,157,263
9 Clothing, men's factory.....	113	9,566,002	4,843	4,366,194	13,313,516	22,686,491
10 Slaughtering and meat packing.....	34	9,583,239	1,853	2,056,159	18,552,236	22,087,549
11 Boots and shoes, leather.....	126	13,283,259	10,136	6,824,680	11,276,912	20,954,632
12 Silk and artificial silk.....	22	23,639,442	7,100	5,627,454	8,043,862	19,329,540
13 Railway rolling stock.....	11	37,556,898	7,272	8,235,112	9,275,356	18,040,841
14 Bread and other bakery products.....	934	11,360,034	5,081	4,157,189	7,702,987	15,354,214
15 Breweries.....	8	19,363,415	1,508	2,145,285	6,186,217	14,434,156
16 Hosiery and knitted goods.....	51	14,107,468	5,719	3,982,880	6,536,597	13,323,591
17 Electrical apparatus and supplies.....	24	19,434,818	3,905	4,807,431	5,467,744	13,046,493
18 Printing and publishing.....	73	13,811,826	4,184	5,304,223	2,571,826	12,643,205
19 Flour mills.....	223	5,390,990	752	792,346	10,260,899	12,271,911
20 Furnishing goods, men's.....	75	6,768,978	4,514	2,622,358	6,788,938	11,022,343
21 Raisins, confectionery, cocoa, etc.....	52	8,333,614	3,001	2,370,372	5,625,368	10,963,751
22 Coke and gas products.....	5	13,177,446	809	1,242,146	3,127,230	10,176,599
23 Sawmills.....	1,365	10,111,001	4,762	2,097,161	5,494,211	9,860,342
24 Rubber goods, including footwear.....	12	10,215,430	2,745	2,164,637	3,266,794	9,444,001
25 Machinery.....	35	20,012,094	3,002	3,452,245	3,028,305	9,337,717
26 Sheet metal products.....	23	12,425,083	1,857	1,786,403	5,056,136	8,828,244
27 Printing and bookbinding.....	341	10,695,533	3,327	3,408,135	2,790,361	8,264,470
28 Paints, pigments and varnishes.....	22	11,201,265	1,139	1,628,552	3,958,921	7,896,839
29 Castings and forgings.....	64	17,924,568	2,820	2,614,485	3,049,870	7,895,522
30 Distilleries.....	5	12,108,331	655	631,858	1,108,990	7,063,846
31 Coffee, tea and spices.....	21	2,747,316	482	559,126	4,461,100	6,697,198
32 Medicinal and pharmaceutical preparations.....	61	7,475,151	1,244	1,569,440	2,139,543	6,424,875
33 Boxes and bags, paper.....	38	6,500,863	1,655	1,381,073	3,265,983	6,015,992
34 Aerated and mineral waters.....	122	4,946,744	1,118	1,086,345	1,662,379	5,980,017
35 Brass and copper products.....	26	7,653,114	1,162	1,237,568	3,929,071	5,960,998
36 Miscellaneous food products.....	37	3,534,443	649	693,772	2,234,111	5,758,697
37 Fur goods.....	113	4,773,718	1,253	1,268,953	3,723,530	5,644,809
38 Miscellaneous textile products.....	7	8,974,274	955	1,163,531	2,358,333	5,578,322
39 Fruit and vegetable preparations.....	54	5,007,845	1,384	807,186	3,485,482	5,554,404
40 Hats and caps.....	68	2,590,999	1,834	1,525,168	2,358,369	4,909,312
Totals, Forty Leading Industries.....	5,979	1,447,867,367	145,764	135,149,561	332,069,686	674,842,066
Totals, All Industries.....	7,942	1,664,198,107	189,671	173,354,585	398,566,702	821,020,796
Percentages of forty leading industries to totals of all industries in the province.....	75.28	87.00	76.85	77.90	83.31	82.19

Subsection 4.—The Manufactures of Ontario, 1935.

Ontario is the most important manufacturing province of the Dominion. The gross value of its manufactured products in 1935 represented about 51 p.c. of the total for the whole Dominion, while that of Quebec, the second province in importance in this respect, amounted to about 29 p.c. This premier position in manufacturing has been fairly uniformly maintained by Ontario over a long period, as the following percentages show: in 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c.; 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. Thus, in spite of the rapid industrial development in recent years in other provinces such as Quebec, British Columbia and Manitoba, Ontario is maintaining a manufacturing production roughly equal to that of the remainder of the Dominion.

The value of manufactured products totalled \$1,423,562,474 in 1935. In value of production, automobiles headed the list with an output valued at \$105,810,655. Other leading industries in the order of their importance were: non-ferrous metal smelting and refining \$105,035,029, slaughtering and meat packing \$56,932,181, central electric stations \$53,535,095, flour and feed mills \$51,760,071, pulp and paper \$51,041,765, electrical apparatus and supplies \$47,503,325, rubber goods, including footwear \$46,466,350, and butter and cheese \$44,221,126. Some significant changes took place in the ranking of the leading industries. The automobile industry regained the dominant position held for several years prior to the depression and non-ferrous metal smelting and refining, which led all industries for the first time in 1934, dropped to second place. Central electric stations moved up from seventh to fourth place and electrical apparatus from ninth to seventh.

The turning point of the depression was reached in the summer of 1933. The increases in the latter part of the year, however, were not sufficiently pronounced to offset the losses of the beginning of the year. The result was that the principal statistics for 1933 were the lowest since 1929. Considerable improvement was reported for 1934 and again for 1935, although to a lesser degree in the latter year. Compared with 1934 there was in 1935 an increase of 8.4 p.c. in the number of employees, with a greater increase in the amount paid out in salaries and wages, namely 12.1 p.c. The increase in the value of production was 13.4 p.c. and in the value added by manufacture 9.4 p.c.

The depression was particularly hard on industries producing capital or durable goods, and these constitute an important factor in the manufactures of Ontario. Thus, production was disproportionately curtailed in such important industries as automobiles, electrical equipment, machinery, agricultural implements, primary iron and steel, etc. This resulted not only in a drop in the rank of such industries within the province, but in a lowering of the manufacturing production of the whole province relatively to that of other provinces less affected by these influences. Since 1933, however, these industries in general have made a good recovery, and Ontario, which accounted for 48 p.c. of the gross value of all products manufactured in the Dominion in 1933, had by 1935 increased the relative value to 51 p.c.

Indicating the greater diversification of industry in Ontario as compared with Quebec, the percentages which the forty leading industries bore to the total manufactures of the province were higher in every particular in Quebec than in Ontario, especially in the capital employed and the number of establishments reporting. Outstanding among the industries in which the province of Ontario was pre-eminent, was that of automobile manufacturing, which was carried on practically in this province alone. Other important industries in which Ontario led, with the percentage

which the production of each bore to that of the Dominion in 1935 were as follows: agricultural implements, 96 p.c.; leather tanneries, 88 p.c.; rubber goods, 83 p.c.; furniture and upholstery, 63 p.c.; fruit and vegetable canning, preserving, etc., 68 p.c.; electrical apparatus and supplies, 78 p.c.; castings and forgings, 68 p.c.; primary iron and steel, 65 p.c.; slaughtering and meat packing, 43 p.c.; flour and feed mills, 53 p.c.; hosiery and knitted goods, 65 p.c.

16.—Principal Statistics of the Forty Leading Industries of the Province of Ontario 1935.

Industry.	Estab- lish- ments.	Capital.	Em- ployees	Salaries and Wages.	Cost of Materials Used.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1 Automobiles	14	39,682,410	12,605	18,362,764	75,360,767	105,810,655
2 Non-ferrous metal smelting	8	75,623,641	4,209	6,294,014	64,210,471	105,035,029
3 Slaughtering and meat packing	56	25,920,152	4,091	5,097,613	46,333,415	56,932,181
4 Central electric stations	451	511,711,819	6,628	10,340,908	-	53,535,005
5 Flour and feed mills	641	23,933,336	2,808	2,423,682	42,340,378	51,760,071
6 Pulp and paper	36	171,500,472	8,655	11,841,503	20,635,693	51,041,765
7 Electrical apparatus and supplies	134	55,448,550	11,454	12,595,146	19,681,797	47,503,325
8 Rubber goods, including footwear	31	53,183,433	8,255	8,836,236	16,980,950	46,466,350
9 Butter and cheese	973	26,230,831	6,604	6,594,643	30,010,225	44,221,126
10 Automobile supplies	62	22,871,741	6,458	7,263,348	18,351,048	32,278,008
11 Hosiery and knitted goods	96	32,288,148	11,641	9,455,540	14,877,304	30,030,875
12 Bread and other bakery products	1,220	20,402,304	9,527	8,327,093	13,324,372	29,204,032
13 Printing and publishing	298	23,087,276	7,423	10,602,477	5,922,152	27,072,537
14 Castings and forgings	167	36,427,049	9,045	9,436,464	9,614,587	26,209,691
15 Fruit and vegetable preparations	151	26,875,484	4,654	3,091,295	14,602,082	25,971,236
16 Primary iron and steel	24	53,889,173	5,682	7,948,325	12,175,025	25,268,288
17 Petroleum products	14	21,661,413	2,055	3,026,101	19,440,932	25,121,188
18 Biscuits, confectionery, cocoa and chocolate	92	22,685,946	5,215	5,189,059	10,438,586	23,336,850
19 Machinery	147	37,444,498	5,564	6,657,008	8,795,587	22,449,725
20 Coal and gas products	23	55,219,123	2,476	3,387,657	8,857,312	21,543,851
21 Sheet metal products	68	25,005,530	3,877	4,139,412	10,556,922	19,342,338
22 Printing and bookbinding	516	21,100,143	6,269	7,404,927	6,724,245	18,435,605
23 Leather tanneries	31	20,200,090	3,356	3,412,425	11,559,737	18,128,743
24 Clothing, factory, women's	236	8,480,297	6,364	5,426,556	10,074,587	17,832,670
25 Breweries	30	19,293,030	1,661	2,249,599	5,352,194	14,879,017
26 Boxes and bags, paper	86	12,053,960	3,335	3,460,430	8,275,960	14,839,165
27 Cotton yarn and cloth	15	16,968,131	4,883	3,630,408	7,216,780	14,015,279
28 Acids, alkalies and salts	40	14,461,801	4,607	3,889,586	7,202,002	13,953,562
29 Boots and shoes, leather	11	20,203,778	1,653	2,277,701	3,111,304	13,800,723
30 Medicinal and pharmaceutical preparations	72	9,768,114	5,243	4,528,288	7,438,870	13,751,113
31 Agricultural implements	86	11,223,691	2,196	2,704,519	4,387,923	13,536,450
32 Clothing, factory, men's	25	54,674,771	4,799	5,161,589	6,220,163	13,142,562
33 Soap, washing compounds, etc.	43	6,068,179	4,040	4,319,239	6,679,779	12,801,594
34 Furniture	48	9,878,184	1,276	1,703,166	7,137,941	12,169,468
35 Brass and copper products	215	17,866,175	5,682	4,553,198	4,926,740	12,037,972
36 Sawmills	80	12,813,879	2,650	2,974,627	6,199,438	11,954,358
37 Hardware and tools	757	17,894,698	4,216	2,585,799	5,711,222	10,696,071
38 Paints, pigments and varnishes	97	17,895,719	3,730	3,809,263	3,239,664	10,478,050
39 Foods, breakfast	40	7,372,442	1,450	2,077,462	4,275,557	9,785,695
40	14	4,863,297	610	724,270	3,214,907	9,412,059
Totals, Forty Leading Industries	7,148	1,664,278,708	207,151	227,903,340	581,456,618	1,123,784,372
Totals, All Industries	10,266	2,061,194,151	281,438	303,807,207	718,570,816	1,423,562,474
Percentages of the forty leading industries to totals of all industries in the province	69.6	80.6	73.6	74.9	80.9	79.1

Subsection 5.—The Manufactures of the Prairie Provinces, 1935.

The slaughtering and meat packing industry in 1935 was outstanding among the manufactures of the Prairie Provinces when treated as a single unit. During 1935, as may be seen from Table 17, the gross value of production of this industry

was \$44,421,578 (Manitoba \$21,832,403, Saskatchewan \$6,500,945, and Alberta \$16,088,230). The second industry, from the point of view of gross value of production, was flour and feed mills with products valued at \$31,912,049 (Manitoba \$7,400,427, Saskatchewan \$12,785,321, and Alberta \$11,726,301). Butter and cheese comprised the third largest group, with an output valued at \$20,472,766, followed by central electric stations \$15,884,005, petroleum products \$14,774,603, railway rolling-stock \$12,099,233, etc.

The order of the leading industries is somewhat different in each province. In Manitoba the leading industries with their gross value of products in 1935 were as follows: slaughtering and meat packing \$21,832,403, railway rolling-stock \$9,264,003, butter and cheese \$7,602,065, flour and feed mills \$7,400,427, and central electric stations \$6,729,818. In Saskatchewan the leading industries were: flour and feed mills \$12,785,321, butter and cheese \$6,557,615, slaughtering and meat packing \$6,500,945, petroleum products \$5,683,815 and central electric stations \$4,377,205. In Alberta slaughtering and meat packing with an output of \$16,088,230 was the leading industry. This was followed by flour and feed mills with \$11,726,301, petroleum products \$7,791,296, butter and cheese \$6,313,086, and central electric stations \$4,776,982.

The importance of these industries, based mainly on such natural resources of the Prairie Provinces as grain-growing and cattle-raising areas, is evident.

17.—Principal Statistics of the Leading Industries of Manitoba, Saskatchewan and Alberta, 1935.

NOTE.—Other leading industries, statistics of which cannot be given because there are fewer than three establishments in each industry, are: Manitoba and Saskatchewan, non-ferrous metal, smelting and refining, and, in Alberta, sugar refining, wood preservation and malt and malt products. The statistics of the three industries of Alberta are included under the heading "all other leading industries".

MANITOBA

Industry.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1 Slaughtering and meat packing...	6	7,823,569	1,674	1,937,528	17,501,844	21,832,403
2 Railway rolling-stock.....	4	14,242,168	4,223	4,558,528	4,297,986	9,264,003
3 Butter and cheese.....	79	5,240,530	1,079	1,353,778	4,755,263	7,602,065
4 Flour and feed mills.....	38	5,133,255	491	469,827	6,065,456	7,400,427
5 Central electric stations.....	41	80,933,184	1,208	1,587,614	-	6,729,818
6 Printing and publishing.....	80	3,639,120	1,083	1,574,190	558,569	3,709,337
7 Printing and bookbinding.....	83	3,942,825	1,145	1,305,327	1,097,181	3,139,875
8 Bread and other bakery products.	140	2,980,845	1,028	899,724	1,493,109	3,024,618
9 Malt and malt products.....	4	2,943,280	109	211,038	1,819,515	2,907,106
10 Breweries.....	6	3,833,553	372	486,052	657,688	2,634,199
11 Hugs, cotton and jute.....	5	1,814,317	229	257,758	2,081,657	2,620,072
12 Clothing, factory, women's.....	22	859,963	739	606,226	1,448,885	2,266,615
13 Furnishing goods, men's.....	16	1,162,068	802	569,351	1,488,110	2,245,359
14 Coffee, tea and spices.....	8	1,481,237	148	193,230	1,649,520	2,159,016
15 Biscuits, confectionery, cocoa and chocolate.....	21	1,696,308	509	406,024	860,495	1,803,960
16 Dyeing, cleaning and laundry work.....	23	1,761,308	835	710,259	173,175	1,383,042
17 Petroleum products.....	4	500,080	67	70,318	975,766	1,299,492
18 Boxes and bags, paper.....	7	1,232,456	254	273,685	719,912	1,246,847
19 Fur goods.....	31	916,927	375	327,170	776,598	1,243,832
20 Paints, pigments and varnishes.....	4	1,649,907	202	224,623	641,500	1,221,662
21 Coke and gas products.....	3	5,598,514	157	195,603	444,149	1,114,457
22 Mattresses and springs.....	4	1,061,325	284	303,101	569,794	1,112,174
23 Medicinal and pharmaceutical preparations.....	7	1,153,913	146	146,223	439,066	1,101,225
24 Primary iron and steel.....	4	1,723,715	304	375,631	268,644	1,040,316
Totals, Leading Industries.....	640	153,324,367	17,463	19,042,886	58,783,879	90,101,920
Totals, All Industries.....	1,099	198,822,314	23,239	24,701,066	67,929,760	117,734,292

17.—Principal Statistics of the Leading Industries of Manitoba, Saskatchewan and Alberta, 1935—continued.

SASKATCHEWAN.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1 Flour and feed mills.....	80	13,556,885	579	620,246	9,320,684	12,785,321
2 Butter and cheese.....	74	3,554,338	801	826,508	4,367,932	6,557,615
3 Slaughtering and meat packing.....	6	2,411,650	648	643,259	5,300,274	6,500,945
4 Petroleum.....	14	4,970,398	418	525,803	4,176,195	6,683,815
5 Central electric stations.....	125	25,576,944	552	785,384	—	4,377,205
6 Printing and publishing.....	126	2,521,132	826	1,080,606	417,008	2,302,508
7 Bread and other bakery products.....	148	2,019,627	540	427,882	862,340	1,680,547
8 Breweries.....	9	3,244,737	248	289,138	576,284	1,597,636
9 Sawmills.....	121	630,764	468	179,932	277,280	625,177
10 Dyeing, cleaning and laundry work.....	15	779,183	256	190,298	59,614	412,874
Totals, Leading Industries.....	718	59,265,667	5,336	5,569,056	25,357,611	42,523,643
Totals, All Industries.....	886	66,271,171	6,353	6,524,411	28,046,921	46,821,302

ALBERTA.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1 Slaughtering and meat packing.....	10	7,630,686	1,462	1,673,682	12,440,832	16,088,230
2 Flour and feed mills.....	88	7,595,601	677	737,575	8,774,013	11,726,301
3 Petroleum products.....	9	5,554,504	452	665,744	6,028,776	7,791,296
4 Butter and cheese.....	104	4,102,057	806	851,078	4,369,149	6,313,086
5 Central electric stations.....	76	27,103,959	578	841,770	—	4,776,982
6 Railway rolling-stock.....	3	6,733,906	1,505	1,588,896	1,145,486	2,835,230
7 Breweries.....	5	4,484,315	210	352,552	864,765	2,687,557
8 Printing and publishing.....	83	2,014,200	795	1,042,837	441,479	2,487,017
9 Bread and other bakery products.....	151	1,988,331	661	570,272	1,169,073	2,382,226
10 Sawmills.....	190	1,540,670	1,054	425,118	465,092	1,198,640
11 All other leading industries ¹	4	6,147,610	408	420,585	2,617,150	4,205,565
Totals, Leading Industries.....	723	75,795,899	8,614	9,170,109	38,315,815	62,492,130
Totals, All Industries.....	1,002	96,322,781	12,087	12,504,449	42,831,636	73,282,607

¹ See headnote to this table on p. 53.

Subsection 6.—The Manufactures of British Columbia,* 1935.

British Columbia was, in 1935, the third most important manufacturing province in the Dominion, producing goods with a gross value of \$198,106,542. About 18 p.c. of this production, or \$35,713,189, is seen in Table 18 to be that of the sawmilling industry; the predominance of forest products industries in the industrial life of the province is still further emphasized if to this figure be added \$13,141,602, the value of the pulp and paper industry which ranks third. Second in importance among the industries of the province is that of fish curing and packing with a gross value of production of \$14,421,861. As previously stated, pulp and paper occupied third place, and this was followed by central electric stations with \$11,278,402, petroleum products \$9,229,363, and slaughtering and meat packing \$8,339,127.

* Including the Yukon Territory.

18.—Principal Statistics of the Leading Industries of British Columbia and the Yukon Territory, 1935.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1 Sawmills.....	257	36,737,170	10,788	10,723,066	19,394,227	35,713,189
2 Fish curing and packing.....	91	11,386,492	1,569	1,503,646	8,940,688	14,421,861
3 Pulp and paper.....	6	46,917,533	2,716	3,785,589	4,038,812	13,141,602
4 Central electric stations.....	87	106,272,532	1,407	2,108,530	—	11,278,402
5 Petroleum products.....	7	5,382,984	398	612,712	6,144,262	9,229,363
6 Slaughtering and meat packing.....	13	4,238,311	736	837,488	6,768,629	8,339,127
7 Fruit and vegetable preparations.....	48	4,347,073	1,191	824,550	3,267,508	5,130,120
8 Bread and other bakery products.....	279	3,472,842	1,548	1,437,426	2,400,188	5,114,001
9 Printing and publishing.....	71	4,221,807	1,420	2,090,275	813,315	4,576,770
10 Sheet metal products.....	16	6,434,911	430	505,806	2,689,949	4,184,413
11 Butter and cheese.....	34	1,680,842	404	462,677	2,551,003	3,677,086
12 Breweries.....	11	6,546,576	308	459,902	1,027,410	3,569,009
13 Coffee, tea and spices.....	9	1,344,933	238	250,946	2,909,987	3,535,221
14 Planing mills, sash and door factories.....	48	2,261,706	879	734,533	1,498,495	2,699,863
15 Fertilizers.....	3	11,059,264	470	713,061	1,710,739	2,288,749
16 Coke and gas products.....	6	14,857,198	303	387,197	558,541	2,170,842
17 Dyeing, cleaning and laundry work.....	62	2,344,292	1,248	1,004,928	184,139	1,941,655
18 Foods, stock and poultry.....	30	1,136,241	256	243,672	1,457,557	1,912,685
19 Furniture.....	48	1,341,667	584	508,106	721,057	1,561,411
20 Printing and bookbinding.....	100	2,012,870	907	899,094	507,198	1,569,265
21 Boxes, wooden.....	20	1,344,743	582	471,056	875,706	1,525,173
22 Shipbuilding and repairs.....	15	6,587,784	591	720,889	337,279	1,432,310
23 Acids, alkalis and salts.....	3	1,116,703	43	59,207	25,652	1,216,844
24 All other leading industries ¹	81	57,798,528	4,956	6,386,931	26,380,603	37,195,390
Totals, Leading Industries.....	1,345	340,845,002	33,672	37,532,097	95,292,974	177,415,351
Totals, All Industries.....	1,819	371,639,792	38,979	43,091,011	165,845,738	198,106,512
Percentages of leading industries to totals of all industries in the province.....	73.94	91.86	86.38	87.09	89.92	89.56

¹ Includes biscuits, confectionery, cocoa and chocolate, distilleries, sugar refineries, castings and forgings, non-ferrous metal smelting and refining, explosives, ammunition and fireworks, and paints, pigments and varnishes.

Section 4.—Principal Factors in Manufacturing Production.

Subsection 1.—Capital Employed.

In a retrospective study of capital employed in Canadian manufactures since 1900, the remarkable increase denotes rapid growth in industrial operations. From 1900 to 1905 the capital increased from \$446,900,000 to \$833,900,000, and advanced to \$1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1935 in all establishments, irrespective of the number of employees, was \$4,698,991,853 as compared with \$4,703,917,730 in 1934 and with \$2,696,154,030 in 1917, an increase of 75 p.c. in 18 years.

The provincial distribution of the manufactures of Canada may be illustrated by the investment of capital. Capital employed in Ontario in 1917 was 48.3 p.c. of the total, 52.4 p.c. in 1923, and 44.0 p.c. in 1935. The percentages employed in the plants of Quebec were: 29.4 in 1917, 29.5 in 1924 and 35.4 in 1935. British Columbia held third place in 1935 with a capital investment of 7.9 p.c. of the total, while Manitoba, Nova Scotia, New Brunswick, Alberta, and Saskatchewan followed in the order named, with proportions varying between 4.2 p.c. and 1.4 p.c. (Table 19.)

From a survey of the industrial groups in which the capital of the country is invested, it appears that the central electric stations industry led again in 1935, with an investment of 31.1 p.c. of the total. The wood and paper group was second with 18.6 p.c., the iron and its products group third with 11.8 p.c. and the vegetable products group fourth with 10.6 p.c. Up to 1930, the wood and paper group had been first since 1919 in capital invested, but since 1931 the central electric stations group has assumed the premier position.

The statistics of capital employed in the manufacturing industries are of interest in deducing the proportion of fixed and liquid assets. In 1923, land, buildings, machinery, and tools constituted 64 p.c. of the total capital, while in 1929 the proportion had increased to 66 p.c. and in 1935 to 74 p.c. The fixed assets amounted to \$3,485,074,067 in 1935, while current assets, including inventories of raw materials and finished products, bills and accounts receivable, cash, and sundries, were valued at \$1,213,917,786. Details by provinces and industrial groups are given in Table 20.

19.—Distribution of Capital Employed in the Manufacturing Industries of Canada, in Percentages, by Provinces and Industrial Groups, Representative Years 1917-35.

Province or Group.	1917.	1920.	1928.	1929.	1933.	1934.	1935.
PROVINCE.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
Prince Edward Island.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nova Scotia.....	4.8	4.2	3.0	2.7	2.6	2.5	2.5
New Brunswick.....	2.4	3.1	2.4	2.3	2.6	2.6	2.5
Quebec.....	29.4	30.5	30.6	32.9	35.2	35.7	35.4
Ontario.....	48.3	49.5	49.8	47.6	44.5	43.9	44.0
Manitoba.....	3.5	3.4	3.2	3.4	3.8	3.9	4.2
Saskatchewan.....	1.1	0.9	0.8	1.1	1.4	1.4	1.4
Alberta.....	2.3	1.8	1.8	2.1	2.1	2.1	2.0
British Columbia and Yukon.....	8.1	6.5	8.3	7.8	7.7	7.8	7.9
Totals.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP.							
Vegetable products.....	10.2	11.7	11.3	11.2	10.9	10.8	10.6
Animal products.....	7.7	6.6	5.6	4.8	4.3	4.5	4.5
Textiles and textile products.....	7.3	9.0	8.0	7.5	6.9	7.0	7.0
Wood and paper products.....	19.9	22.9	23.3	22.7	19.0	18.8	18.6
Iron and its products.....	23.5	19.1	15.0	14.8	12.4	11.7	11.8
Non-ferrous metal products.....	2.6	3.3	5.1	5.9	5.7	5.6	5.6
Non-metallic mineral products.....	5.6	6.5	6.6	6.5	6.6	6.5	6.4
Chemicals and allied products.....	6.5	3.6	3.3	3.3	3.3	3.3	3.1
Miscellaneous industries.....	3.5	4.0	2.8	2.5	1.4	1.4	1.3
Central electric stations.....	13.2	13.3	19.0	20.8	29.5	30.4	31.1

20.—Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and by Groups of Industries, 1935, and Totals for Representative Years 1923-34.

Province or Group.	Estab-lish-ments.	Fixed Capital	Working Capital.		Total Capital.
		Land, Buildings, Fixtures, Machinery, Tools and other Equipment.	Inventory Value of Raw Materials and Finished Products on Hand, Stocks in Process, Fuel, Supplies, etc.	Cash, Bills and Accounts Receivable, Prepaid Expenses, etc.	
	No.	\$	\$	\$	\$
Totals, 1923.....	22,642	2,165,497,811	655,775,934	559,049,295	3,380,322,950
Totals, 1924.....	22,178	2,310,294,012	677,164,191	551,347,257	3,538,813,460
Totals, 1926.....	22,708	2,626,963,690	722,451,467	632,151,433	3,981,569,590
Totals, 1927.....	22,936	2,466,366,199	773,824,436	697,440,823	4,337,631,558
Totals, 1929.....	23,597	3,377,590,099	878,783,691	826,610,964	5,083,014,754
Totals, 1930.....	24,020	3,584,314,721	848,927,120	770,011,916	5,203,316,760
Totals, 1931.....	24,501	3,526,611,580	721,537,778	713,163,050	4,961,312,408
Totals, 1932.....	24,544	3,511,901,606	608,951,917	629,399,087	4,711,255,610
Totals, 1933.....	25,232	4,482,675,723	583,891,368	622,906,613	4,689,373,704
Totals, 1934.....	25,663	3,489,235,519	608,069,893	606,612,328	4,703,917,740
PROVINCE.					
Prince Edward Island.....	261	2,489,254	460,181	550,470	3,508,905
Nova Scotia.....	1,350	88,943,991	16,933,018	13,121,155	118,999,064
New Brunswick.....	872	89,971,347	13,704,489	11,959,732	115,635,568
Quebec.....	7,942	1,300,535,330	181,724,529	181,938,248	1,664,198,107
Ontario.....	10,266	1,450,701,837	310,242,172	303,250,142	2,064,194,151
Manitoba.....	1,099	158,262,388	21,241,973	19,317,953	198,822,314
Saskatchewan.....	880	46,879,981	9,886,951	9,504,239	66,271,171
Alberta.....	1,002	72,319,740	15,288,166	8,714,875	96,322,781
British Columbia and Yukon.....	1,819	274,970,199	51,062,932	45,006,661	371,039,792
Totals, 1935.....	25,491	3,485,074,067	629,554,311	593,363,475	4,698,991,853
INDUSTRIAL GROUP.					
Vegetable products.....	5,402	261,650,130	134,287,937	100,318,418	496,256,485
Animal products.....	4,402	123,729,384	50,626,520	37,316,604	211,672,508
Textiles and textile products.....	2,275	191,604,127	72,311,683	65,281,444	329,197,254
Wood and paper products.....	8,186	675,959,651	97,859,147	99,938,151	873,756,949
Iron and its products.....	1,249	332,484,430	110,929,892	111,730,145	555,144,467
Non-ferrous metal products.....	505	161,424,268	53,624,774	46,570,925	261,625,997
Non-metallic mineral products.....	1,188	223,966,512	51,684,334	24,804,879	300,455,725
Chemicals and chemical products.....	734	86,849,923	30,214,529	30,408,082	147,472,534
Miscellaneous industries.....	509	42,802,013	9,754,053	11,032,730	63,588,796
Central electric stations.....	1,041	1,384,603,629	9,261,442	65,956,097	1,459,821,198

Subsection 2.—Employment in Manufactures.

The total number of persons engaged in those manufacturing industries of Canada for which statistics were obtained in 1935 was in that year 582,874, as compared with 493,903 in the same industries in 1933 and 694,434 in 1929. The 1935 employees included 105,579 salaried employees, this figure being obtained from the manufacturers at the end of the year, and 477,295 wage-earners, the average number employed as derived from the manufacturers' records of the numbers on the pay-rolls on the 15th of each of the twelve months. Prior to 1925, the number of wage-earners was computed as the sum of the number recorded each month divided by 12 whether the establishment was operating the 12 months or not. Beginning with the statistics for 1925, in seasonal industries which are in operation only a limited number of months in each year, such as sawmilling, fruit and vegetable canning, etc., the average was computed by dividing the sum of the wage-earners reported on the 15th of each month by the number of months in operation. This change of method increased the apparent number of employees, not only in seasonal industries

but also in the groups containing such seasonal industries and in provincial and Dominion totals. Consequently, the change of method had a reducing influence on apparent average wages and on all other averages per wage-earner and per employee. In 1931, however, the old method of computing the average number of wage-earners was again adopted. A change was also made in the compilation of the number of salaried employees. Prior to 1931, owners who were working as ordinary wage-earners, such as small bakers, reported themselves as wage-earners. In 1931, however, all such owners were required to report themselves as salaried employees. In 1931, also, travelling salesmen who were attached to the plant and devoted all or the greater part of their time in selling the products of that plant were included with salaried employees. Prior to this they were not reported at all. These changes, therefore, explain the apparent increase in the number of salaried employees in 1931 as compared with the previous year; actually there was a decrease, this apparent increase being attributable in part to a decrease in the number of wage-earners.

The number of salaried employees and of wage-earners, as thus ascertained, is given for each of the years since 1917, the year of the first annual census of manufacturing production, in Table 21. Then, taking the percentages of the wage-earners and the total employees in each year to those of 1917, and dividing these percentages into the volume of manufacturing production in each year (see p. 15 for the index of volume), the quotients give tentative conclusions regarding the efficiency of production per wage-earner and per employee in years subsequent to 1917, as compared with that year. Since central electric stations were excluded in computing the index of the volume of production, employees in these establishments have been excluded also in computing the percentages relative to 1917 for both wage-earners and total employees, and consequently from the indexes of efficiency of production. These indexes of the efficiency of production are, of course, affected by the changes in the method of computing the number of employees adopted in 1925 and then again in 1931. Inasmuch as the change increased the apparent number of employees between 1925 and 1930, it proportionately decreased the index of the efficiency of production. The table illustrates the development of modern industry which has accomplished a large increase in production with a comparatively small increase in wage-earners, by better organization and the use of improved equipment. Capital invested in manufacturing industries, exclusive of central electric stations, has increased by 38.0 p.c., from 1917 to 1935, compared with a decrease of 14.5 p.c. in wage-earners, while the horse-power used per wage-earner has increased from about 3 in 1917 to 9 in 1935. The factor of better organization is not susceptible of measurement. However, salaried employees have increased 52 p.c. since 1917, or more nearly in proportion to the growth in production than wage-earners. The result of these developments has been the increase of 59.5 p.c. in the volume of production per wage-earner and a smaller increase of 47.3 p.c. per employee, owing to the increased proportion of salaried employees in the total. The indexes may be considered as supplying satisfactory evidence of a general gain in volume of production per person employed. In this connection it should be remembered, however, that in 1917, owing to the large numbers overseas, many persons of low efficiency were being employed, their inefficiency being concealed at the time by the prevailing inflation of prices; it is possible that the sudden rise in the indexes of efficiency in 1921 and 1922 may be partly accounted for by their elimination in the contraction of industrial operations which occurred at that time. During the recent depression years the reduced volume of production lowered the indexes of efficiency.

Statistics of employment in manufacturing industries during 1935, derived from the Census of Manufactures, are shown in Table 25. According to these statistics, the 25,491 establishments covered, employed 105,579 salaried employees and 477,295 wage-earners, a total of 582,874 persons. Out of every 1,000 persons employed in manufacturing, 181 were classed as salary earners and 819 as wage-earners; the former earned 29 p.c. and the latter 71 p.c. of the total amount paid out as remuneration for services.

21.—Salaried Employees and Wage-Earners in the Manufacturing Industries of Canada, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1917-35.

NOTE.—Employees of central electric stations are excluded in this table since factors of production and efficiency for that industry are not representative and would vitiate the result.

Year.	Salaried Employees.	Wage-Earners.	Total Employees.	Percentages Relative to 1917.		Index Number of Volume of Mfd. Products.	Indexes of Efficiency of Production.	
				Of Wage-Earners.	Of Total Em- ployees.		Per Wage-Earner.	Per Em- ployee.
	No.	No.	No.	p.c.	p.c.			
1917.....	65,380	547,467	612,847	100.0	100.0	100.0	100.0	100.0
1918.....	66,733	541,931	608,664	99.0	99.3	102.0	103.0	103.2
1919.....	77,125	524,122	601,247	95.7	98.1	98.1	102.5	100.0
1920.....	78,334	520,559	598,893	95.1	97.7	95.0	99.9	97.2
1921.....	70,253	375,109	445,362	68.5	72.6	86.1	125.6	118.6
1922.....	71,586	392,160	463,746	71.6	75.8	96.0	134.1	127.0
1923.....	73,374	440,798	514,172	80.5	83.9	104.8	130.2	124.9
1924.....	70,671	425,004	495,675	77.6	80.8	102.9	132.7	127.3
1925.....	71,897	459,065	530,962	83.8	86.6	112.7	134.5	130.1
1926.....	75,990	492,143	568,133	89.9	92.7	128.1	142.5	138.2
1927.....	79,474	524,751	604,225	95.8	98.6	136.5	142.5	138.5
1928.....	85,029	557,139	642,168	101.7	104.7	148.8	146.3	142.0
1929.....	89,703	588,477	678,270	107.5	110.6	157.5	146.6	142.4
1930.....	85,778	540,803	626,581	98.8	102.2	142.8	144.5	139.7
1931.....	92,780	447,632	540,412	81.7	88.2	124.1	151.9	140.7
1932.....	88,434	391,569	480,003	71.5	78.3	105.0	146.9	134.1
1933.....	87,985	391,201	479,186	71.4	78.2	105.1	147.2	134.4
1934.....	93,442	436,746	530,188	79.8	86.5	123.7	155.0	143.0
1935.....	99,339	468,077	567,416	85.5	92.6	136.4	159.5	147.3

Distribution of Employees in 1935.—An analysis of the returns by provinces shows that 53,989 or 51.1 p.c. of all the employees on salaries were employed in Ontario; of this number 40,649 were males and 13,340 were females. The province of Quebec with 30,656 persons or 29 p.c. of the total, recorded the second largest number of salaried workers; of these 24,246 were males and 6,410 females. British Columbia ranked third with 6,484 or 6.2 p.c. of the total salaried employees.

Of the wage-earners employed numbering 477,295, 47.6 p.c. were employed in Ontario, 33.3 p.c. in Quebec and 6.8 p.c. in British Columbia. It is interesting to note that out of every 1,000 salaried employees 223 were females, while in the case of wage-earners 232 out of every 1,000 were females.

The wood and paper industries, with 24,892 salaried employees, reported a larger number than any other group, having 23.6 p.c. of the total. The vegetable products group came next with 16,089 salaried employees or 15.2 p.c. of the total. The textile industries gave employment to a proportionately greater number of female salaried employees than any other group. Out of every 1,000 salaried employees in this group 319 were females, as compared with only 209 for all the other groups.

In the number of wage-earners employed, the textile industries came first with 107,594 or 22.5 p.c. of the total. This was followed by the wood and paper products group, with 98,832 wage-earners or 20.7 p.c. of the total. It is also of interest to

note that out of every 1,000 wage-earners in the textile industries 550 were females, while in all the other groups 142 were females. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that out of all female employees engaged in the manufacturing industries of Canada, 47.4 p.c. were found in the textile group.

22.—Percentages of Male and Female Employees on Salaries and Wages and Percentages of Total Salaries and Wages, by Provinces and Groups of Industries, 1935.

NOTE.—For actual figures upon which this table is based, see Table 25.

Province or Group.	Employees on Salaries.			Salaries.	Employees on Wages.			Wages.
	Male.	Female.	Total.		Male.	Female.	Total.	
PROVINCE.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
Prince Edward Island.....	0.3	0.1	0.2	0.1	0.1	0.2	0.2	0.1
Nova Scotia.....	2.4	2.1	2.3	1.9	3.1	2.1	2.9	2.6
New Brunswick.....	2.1	1.8	2.0	1.8	2.7	1.8	2.5	2.1
Quebec.....	29.5	27.2	29.0	29.2	30.5	42.5	33.3	29.4
Ontario.....	49.5	56.7	51.1	52.9	48.4	45.9	47.6	50.9
Manitoba.....	4.7	4.0	4.5	4.3	4.1	3.1	3.9	4.2
Saskatchewan.....	2.1	1.3	2.0	1.5	1.0	0.3	0.9	0.9
Alberta.....	2.9	1.9	2.7	2.3	2.2	1.0	1.9	2.0
British Columbia and Yukon.....	6.5	4.9	6.2	6.0	7.9	3.1	6.8	7.8
Totals.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP.								
Vegetable products.....	15.6	14.1	15.2	14.7	12.0	17.4	13.2	11.9
Animal products.....	10.2	8.7	9.9	8.5	10.7	9.6	10.4	9.4
Textiles and textile products.....	10.9	17.7	12.4	12.4	13.2	53.5	22.5	18.0
Wood and paper products.....	24.4	20.7	23.6	22.6	24.4	8.4	20.7	21.4
Iron and its products.....	13.4	12.1	13.1	14.4	21.4	2.7	17.1	20.5
Non-ferrous metal products.....	6.3	7.0	6.4	7.2	6.2	3.7	5.6	6.7
Non-metallic mineral products.....	4.9	3.8	4.7	4.7	4.9	0.5	3.9	4.6
Chemicals and allied products.....	6.1	8.0	6.5	7.1	2.5	2.5	2.5	2.7
Miscellaneous industries.....	2.2	2.4	2.3	2.3	2.2	1.7	2.1	2.0
Central electric stations.....	6.0	5.5	5.9	6.1	2.5	—	2.0	2.8

Monthly Record of Employment in Manufactures.—A monthly record of the number of wage-earners employed in Canadian manufactures, as compiled from the Census of Industry, is given in Table 23 for representative years 1922 to 1935 and by sex for certain of the years. Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods and industry generally feels the active demand of the agricultural purchasing power resulting from the prospects of the season's harvest. In 1929, however, the rising tide of "good times" was checked about midsummer and then the recession set in during the autumn with the stock market crash. Employment during 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment was reached in June, 1929, when 596,544 wage-earners were on the payrolls. This compares with the peak month in 1930 of 556,386 wage-earners, 484,661 in 1931, 417,685 in 1932, 429,018 in 1933 and 496,510 in 1935. In July, 1933, employment took an upward swing; for the first time since 1929 the number of wage-earners on the payroll was higher than that for the corresponding month of the previous year. The improvement has been generally maintained since then.

23.—Total Numbers of Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and by Sex, for Representative Years 1922-35.

TOTAL WAGE-EARNERS.

Month.	1922.	1926.	1929.	1930.	1931.	1932.	1933.	1934.	1935.
January.....	330,487	432,139	521,227	510,061	442,547	390,249	356,792	393,819	423,670
February.....	342,969	445,179	537,816	517,562	455,811	400,680	363,902	410,610	439,011
March.....	355,340	459,554	555,908	527,986	468,222	408,353	372,782	424,270	448,586
April.....	368,478	473,088	575,269	537,110	476,132	409,860	376,120	435,534	459,292
May.....	388,734	494,156	594,969	556,386	484,661	417,685	395,294	458,032	477,722
June.....	400,165	507,889	596,544	552,186	476,692	414,536	410,195	462,444	474,733
July.....	397,416	510,887	594,879	539,354	463,694	397,372	411,658	451,101	482,174
August.....	385,741	505,917	588,509	529,403	456,783	394,277	420,431	454,076	482,844
September.....	398,653	507,889	586,439	530,130	460,081	401,534	429,018	459,341	496,510
October.....	391,492	503,679	574,566	512,215	434,556	396,253	428,547	453,278	496,205
November.....	385,222	484,400	547,697	486,926	430,618	385,460	413,664	442,625	486,431
December.....	373,954	465,248	519,331	464,086	417,367	364,216	397,408	426,553	470,273

WAGE-EARNERS BY SEX.

Month.	1922.		1929.		1933.		1934.		1935.	
	Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.
January.....	249,912	80,575	409,663	111,564	268,855	87,937	298,816	95,003	324,154	99,416
February.....	259,408	83,551	422,912	114,904	271,534	82,368	309,556	101,054	335,615	103,396
March.....	270,079	85,261	439,106	116,802	278,779	94,003	320,719	103,551	343,707	104,879
April.....	281,051	85,427	456,326	118,943	283,088	93,032	331,040	104,485	353,456	105,838
May.....	300,325	88,409	473,017	121,952	297,715	97,579	348,399	109,633	367,468	110,254
June.....	310,825	89,540	474,157	122,387	309,263	100,932	353,075	109,369	373,999	110,734
July.....	310,250	87,166	473,261	121,618	312,835	98,823	348,215	102,886	375,118	107,056
August.....	307,464	88,277	464,087	124,422	315,461	104,970	345,834	108,242	369,868	112,976
September.....	305,148	93,505	455,918	130,521	317,299	111,719	343,155	116,186	373,692	122,818
October.....	298,203	93,289	446,752	127,814	313,541	110,006	340,285	112,993	376,015	120,190
November.....	292,741	92,481	425,729	121,968	306,768	106,896	333,780	108,845	369,253	117,178
December.....	284,084	89,870	404,700	114,631	297,088	100,320	323,423	103,130	359,636	110,637

Hours Worked by Wage-earners.—The number of wage-earners working specified numbers of hours per week in the month of highest employment in 1932 to 1935 and in detail by provinces, industrial groups and in the forty leading industries for 1935 is shown in Table 24. An explanation should be made of the term "month of highest employment" as used in connection with this table. Each firm is required to report the number of hours per week worked by its wage-earners during the month in which the greatest number were employed. It therefore happens that, in the case of one firm, the month of highest employment might be May, while in that of another firm October might be the month of highest employment. The month of highest employment as shown in the following table, therefore, does not refer to any particular month but represents the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is of more significance, as in this case it coincides for a great number of the firms engaged in the same industry.

Average hours worked per week in 1935 for all industries totalled 48.7 as compared with 49.1 hours in 1934, 48.2 hours in 1933, and 48.5 hours in 1932. The number of hours worked per week is affected both by business conditions and by changes due to government legislation and union demands. In times of depression the average number of hours per week is reduced, due to the policy of some employers of spreading the available work over as many employees as possible. With the return of better times the number of hours worked by each employee is naturally increased. This increase is, however, offset by the reduction in hours through legislative enactments and union agreements. As a result of these two factors, the tendency in employment, over a short period of time at least, cannot be ascertained directly from the statistics given in the tables following.

For Canada as a whole, 36 p.c. of the wage-earners worked under 48 hours in 1935, 23 p.c. worked 48 hours, 19 p.c. worked between 49 and 54 hours while 22 p.c. worked 55 hours or over.

24.—Wage-Earners Working Specified Numbers of Hours in the Month of Highest Employment from 1932 to 1934 and in Detail, by Provinces, Groups, and the Forty Leading Industries, 1935

NOTE.—These are the regular hours worked per week and do not, therefore, include overtime.

Province or Group.	40 hours or less.	41-43 hours.	44 hours.	45-47 hours.	48 hours.	49-50 hours.	51-53 hours.	54 hours.	55 hours.	56-59 hours.	60 hours or over.	Grand Total.	Average Hours Worked per Week.
Totals, 1932	80,477	10,212	67,315	32,563	86,329	72,582	15,192	31,417	40,799	18,741	50,066	505,693	48.5
Totals, 1933	85,978	10,377	65,380	33,823	80,659	69,777	16,237	29,854	45,512	15,023	48,283	506,903	48.2
Totals, 1934	73,927	10,476	70,837	39,630	101,145	75,366	17,127	25,492	47,685	22,715	66,015	550,415	49.1
PROVINCE													
Prince Edward Island.....	256	5	126	82	539	8	33	387	12	49	533	2,010	51.9
Nova Scotia.....	1,449	156	1,194	1,698	3,177	1,464	649	1,798	668	3,208	4,218	19,679	50.9
New Brunswick.....	2,026	233	542	1,145	2,741	1,600	556	2,145	190	1,931	4,158	17,267	52.4
Quebec.....	21,968	4,101	20,686	10,490	40,557	19,766	7,850	6,283	28,913	6,808	25,203	192,625	50.0
Ontario.....	33,811	6,076	43,695	28,449	61,912	39,421	9,768	11,842	13,226	8,352	21,630	278,182	48.0
Manitoba.....	5,729	377	5,410	1,558	3,895	1,465	397	837	236	439	1,345	21,688	45.0
Saskatchewan.....	645	68	601	296	1,474	221	103	433	78	371	1,085	5,375	50.6
Alberta.....	2,210	254	1,823	609	2,931	407	248	959	89	139	1,725	11,403	48.0
British Columbia and Yukon.....	7,612	735	7,275	1,392	20,152	457	495	2,882	123	582	953	42,658	45.8
Totals, 1935	75,715	12,005	81,352	45,719	137,378	61,500	20,099	27,546	43,535	21,879	60,850	596,887	48.7
INDUSTRIAL GROUP.													
Vegetable products.....	12,640	3,129	7,961	8,136	13,113	9,136	3,181	8,506	5,442	4,186	13,019	88,449	49.6
Animal products.....	3,232	695	5,292	3,023	11,046	7,725	2,375	4,265	5,104	1,713	4,299	48,769	50.0
Textiles and textile products.....	6,994	1,569	24,322	9,228	20,903	24,120	6,457	2,356	23,894	2,528	3,037	125,408	48.8
Wood and paper products.....	8,225	1,957	13,367	6,799	47,069	6,430	2,829	5,866	3,443	6,060	30,656	133,291	51.5
Iron and its products.....	27,662	2,408	14,274	9,194	17,591	10,547	3,446	2,091	3,790	3,783	3,693	98,479	45.1
Non-ferrous metal products.....	6,018	178	4,955	5,121	11,627	1,788	405	421	415	810	1,122	32,860	45.8
Non-metallic mineral products.....	4,969	1,147	2,587	640	5,491	1,501	380	1,925	715	1,423	2,829	23,607	48.0
Chemicals and chemical products.....	2,720	727	3,027	1,893	3,040	1,321	206	344	221	433	580	14,512	45.6
Miscellaneous industries.....	1,364	150	3,756	1,527	2,971	1,354	219	800	406	242	565	13,354	46.9
Central electric stations.....	1,891	45	1,821	158	3,927	887	601	972	105	701	1,050	12,158	48.2

¹ Exclusive of dairy factories.

24.—Wage-Earners Working Specified Numbers of Hours in the Month of Highest Employment from 1932 to 1934 and in Detail, by Provinces, Groups, and the Forty Leading Industries, 1935—concluded.

	Industry.	40 hours or less.	41-43 hours.	44 hours.	45-47 hours.	48 hours.	49-50 hours.	51-53 hours.	54 hours.	55 hours.	56-59 hours.	60 hours or over.	Grand Total.	Average Hours Worked per Week.
1	Non-ferrous metal smelting and refining.	2,801	9	343	546	4,646	-	3	225	-	475	650	9,698	45-7
2	Pulp and paper.	2,537	606	642	361	15,894	680	1,102	1,146	337	968	3,308	27,581	49-2
3	Central electric stations.	1,891	45	1,821	158	3,927	887	601	972	105	701	1,050	12,158	48-2
4	Slaughtering and meat packing.	508	284	301	830	2,980	1,201	685	763	682	367	539	9,140	49-7
5	Automobiles.	5,441	83	3,514	254	3,718	88	359	74	61	140	155	13,887	42-3
6	Butter and cheese ¹ .	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Flour and feed mills.	237	18	181	18	1,579	45	43	375	343	107	1,316	4,262	53-7
8	Petroleum products.	3,358	36	157	20	619	21	14	62	13	8	117	4,425	40-1
9	Sawmills.	625	99	533	335	11,312	581	470	2,482	541	3,064	23,645	43,087	58-1
10	Electrical apparatus and supplies.	1,797	94	2,376	3,237	5,468	720	101	118	210	214	249	14,584	45-9
11	Bread and other bakery products.	719	99	632	158	3,162	985	893	4,685	738	1,724	2,784	16,579	53-4
12	Cotton yarn and cloth.	148	88	4	369	2,794	3,834	806	13	11,429	164	1,075	20,722	53-1
13	Rubber goods, including footwear.	1,745	465	413	1,310	1,327	1,993	805	1,228	512	434	452	10,684	47-9
14	Printing and publishing.	1,241	556	1,730	1,416	4,090	264	161	128	26	77	59	9,748	45-4
15	Clothing factory, women's.	992	160	8,805	1,601	5,949	1,713	167	124	129	80	123	19,843	45-5
16	Hosiery and knitted goods.	401	88	1,310	2,734	2,842	6,053	1,176	187	3,784	143	216	18,934	49-6
17	Railway rolling stock.	14,159	572	429	1,796	707	92	44	33	54	109	67	18,062	37-5
18	Biscuits, confectionery, cocoa, etc.	440	578	680	2,166	1,641	1,537	325	891	1,016	194	321	9,789	48-8
19	Breweries.	327	22	701	215	377	772	127	63	290	198	642	3,734	50-8
20	Tobacco, cigars and cigarettes.	1,323	860	1,522	596	231	1,779	57	58	113	86	54	6,679	44-4
21	Castings and forgings.	1,868	474	1,848	1,399	2,167	2,353	591	1,099	859	379	1,155	14,192	48-3
22	Primary iron and steel.	1,135	163	540	1,131	3,812	601	425	194	516	2,160	353	11,030	49-2
23	Coke and gas products.	309	84	298	86	987	169	129	172	13	421	328	2,996	40-9
24	Fruit and vegetable preparations.	5,784	789	752	2,524	723	993	609	825	1,908	1,091	5,882	21,860	50-1
25	Sugar refineries.	522	30	11	18	1,101	17	31	75	17	61	1,022	2,905	52-0
26	Clothing, factory, men's.	81	52	6,525	224	853	370	62	128	201	-	-	8,496	45-1
27	Boots and shoes, leather.	1,040	193	898	1,197	3,355	4,063	815	1,100	2,815	840	486	16,802	52-1
28	Sheet metal products.	1,497	141	1,897	399	1,488	579	213	54	422	159	350	6,199	49-9
29	Printing and bookbinding.	602	159	3,236	836	5,252	282	40	25	92	10	24	10,558	46-0
30	Machinery.	702	106	2,258	531	905	1,992	818	107	225	162	328	8,134	47-5
31	Automobile supplies.	1,427	230	625	846	1,594	555	687	179	383	78	487	7,091	46-9
32	Silk and artificial silk.	102	102	59	118	1,433	2,012	1,844	60	2,858	1,174	299	10,061	52-4
33	Coffee, tea and spices.	48	16	504	471	382	41	16	22	3	14	1	1,518	45-9
34	Boxes and bags, paper.	174	60	833	722	1,651	1,450	96	72	75	91	125	5,349	47-8
35	Fish canning and curing.	1,261	58	142	93	2,288	178	157	1,542	84	311	2,899	9,003	53-0
36	Furnishing goods, men's.	1,355	199	2,318	1,241	1,029	1,573	441	412	496	18	6	9,088	45-8
37	Medicinal and pharmaceutical preparations.	238	81	736	937	252	175	20	5	-	1	7	2,452	44-8
38	Leather tanneries.	54	27	585	256	578	1,142	17	460	770	33	186	4,108	50-4
39	Paints, pigments and varnishes.	314	19	542	323	273	321	32	3	14	29	39	1,909	50-2
40	Woollen cloth.	47	10	28	101	51	2,464	693	399	2,030	372	370	6,565	52-9
	Totals, Forty Leading Industries	58,250	7,733	50,729	31,573	103,437	44,575	15,675	20,560	34,164	16,657	51,159	434,512	49-0
	Totals, All Industries	75,715	12,005	81,352	45,719	137,378	64,809	20,099	27,546	43,535	21,879	60,850	590,887	45-7

¹ Not available.

HOURS WORKED BY WAGE-EARNERS

Subsection 3.—Wages and Salaries in Canadian Manufacturing Industries.

The total salaries and wages disbursed by manufacturers in 1935 was \$590,326,904 paid to 582,874 workers, compared with \$813,049,842 paid to 694,434 persons in 1929 and \$509,382,027 paid to 621,694 persons in 1917. Of the 1935 aggregate, \$173,020,195 or 29 p.c. was paid to 105,579 salaried employees who constituted 18 p.c. of the total number, and \$417,306,709 or 71 p.c. was paid in wages to 477,295 wage-earners, who formed 82 p.c. of the aggregate number of employees.

The average salary paid in the manufacturing industries during 1935 was \$1,639, compared with \$1,982 in 1930 and \$1,299 in 1917, while the average wage in 1935 was \$874, compared with \$785 in 1933, \$1,045 in 1929 and \$760 in 1917. Thus during the eighteen years since 1917, average salaries have increased by 26 p.c., while average wages have increased by only 15 p.c. (See Table 26.)

25.—Employees on Salaries and Wages in the Manufacturing Industries, 1935, by Sex, and Average Salaries and Wages, 1934 and 1935, by Provinces and Groups.

Province or Group.	Employees on Salaries.			Average Salaries.		Employees on Wages.			Average Wages.	
	Male.	Female.	Total.	1935.	1934.	Male.	Female.	Total.	1935.	1934.
	No.	No.	No.	\$	\$	No.	No.	No.	\$	\$
PROVINCE.										
Prince Edward Island....	221	39	260	818	765	592	256	848	478	478
Nova Scotia.....	1,939	492	2,431	1,344	1,270	11,346	2,283	13,629	791	744
New Brunswick.....	1,691	410	2,101	1,482	1,466	9,840	1,996	11,836	724	723
Quebec.....	24,246	6,410	30,656	1,646	1,624	112,034	46,981	159,015	773	748
Ontario.....	40,649	13,340	53,989	1,095	1,672	176,789	50,660	227,449	933	891
Manitoba.....	3,826	931	4,757	1,547	1,532	15,090	3,392	18,482	938	880
Saskatchewan.....	1,756	313	2,069	1,274	1,262	3,912	374	4,286	907	893
Alberta.....	2,383	449	2,832	1,423	1,412	8,100	1,155	9,255	916	897
B.C. and Yukon.....	5,330	1,154	6,484	1,609	1,574	29,075	3,420	32,495	1,005	958
Totals.....	82,041	23,538	105,579	1,639	1,614	366,778	110,517	477,295	874	837
INDUSTRIAL GROUP.										
Vegetable products.....	12,778	3,311	16,089	1,577	1,552	43,974	19,222	63,196	783	765
Animal products.....	8,378	2,044	10,422	1,400	1,350	39,121	10,581	49,702	794	770
Textiles and textile products.....	8,927	4,178	13,105	1,635	1,649	48,410	59,184	107,594	698	682
Wood and paper products	20,026	4,866	24,892	1,568	1,545	89,513	9,319	98,832	902	867
Iron and its products.....	10,964	2,854	13,818	1,799	1,784	78,623	2,985	81,608	1,048	964
Non-ferrous metal products.....	5,137	1,657	6,794	1,838	1,874	22,781	4,038	26,819	1,038	997
Non-metallic mineral products.....	4,045	885	4,930	1,658	1,653	17,868	544	18,412	1,045	1,009
Chemicals and allied products.....	4,989	1,879	6,868	1,796	1,815	9,311	2,754	12,065	943	915
Miscellaneous industries..	1,847	574	2,421	1,660	1,679	7,959	1,890	9,849	839	837
Central electric stations..	4,950	1,290	6,240	1,716	1,659	9,218	—	9,218	1,281	1,312

Average Earnings, by Provinces and Industrial Groups.—In 1935, Ontario showed the highest average salary of \$1,695, followed by Quebec with \$1,646, British Columbia with \$1,609, and Manitoba with \$1,547. The head offices of many large corporations being located in Montreal, Toronto, Vancouver, and Winnipeg tends to raise the average salaries in the provinces in which these cities are situated. In the other provinces the averages were smaller, the lowest being in Saskatchewan. No regional tendency is observable in salary payments as the following averages for 1935 show: New Brunswick \$1,482, Alberta \$1,423, Nova Scotia \$1,344, and Saskatchewan \$1,274.

British Columbia, with an average wage of \$1,005, was the highest in the Dominion in 1935, being \$131 higher than the general average. In the western provinces average wages are usually higher, due to an unusually small proportion of women workers, while many of the male employees were engaged in the better-paid wood and paper, electric light and power industries. In the four provinces situated to the east, average wages in manufacturing were lower than the mean for the Dominion, while from Ontario westward the opposite was the case. The seasonal nature of some of the leading industries, notably fish preserving and lumbering, tends to reduce the mean wage in the Maritime Provinces and Quebec, while, in addition to this, Quebec also has a larger proportion of female wage-earners employed chiefly in the textile, food and tobacco industries, than any other province, except Prince Edward Island.

The highest average salary, viz., \$1,838, was reported by the non-ferrous metal products group, while the animal products group, with an average salary of \$1,400 in 1935, was the lowest. In wages paid, central electric stations came first with an average of \$1,281, there being no female wage-earners in this industry. The textile industries, on the other hand, had the lowest average wage of \$698, due to the fact that in this group about 55 p.c. of the wage-earners were females. As was stated elsewhere in this report, of all the female wage-earners employed in the manufacturing industries of Canada, nearly 47 p.c. found employment in the textile industries.

Average Earnings in the Forty Leading Industries.—Table 26 shows employees by sex and the average salaries and wages paid in the forty leading industries during 1935, together with average salaries and wages paid in 1934. The rank of each industry is based on the aggregate salaries and wages paid.

In only ten industries did the average salaries exceed \$2,000; in fifteen they ranged from \$1,700 to \$2,000; in seven they ranged from \$1,500 to \$1,700; while in the remaining eight they were below \$1,500. None of the six industries paying the highest salaries—sugar refining, \$2,779, pulp and paper \$2,379, leather tanneries \$2,361, non-ferrous metal smelting and refining \$2,199, breweries \$2,173, and petroleum products \$2,108—reported a proportion of female salaried employees equal to the general percentage of the forty leading industries. The lowest salaries were reported by the sawmilling, butter and cheese, and bread and other bakery products industries.

The highest wages, those above \$1,200, were paid in seven industries—non-ferrous metal smelting and refining \$1,327, petroleum products \$1,323, automobiles \$1,321, coke and gas products \$1,282, central electric stations \$1,281, printing and publishing \$1,275, and primary iron and steel \$1,247—in all of which the proportion of skilled workers is probably high. In seven other industries average wages ranged from \$1,000 to \$1,200. These were: sugar refining \$1,150, pulp and paper \$1,143, breweries \$1,138, railway rolling-stock \$1,040, automobile supplies \$1,031, machinery \$1,010, and paints and varnishes \$1,001. In most of these industries the proportion of women workers is low. In thirteen other industries average wages ranged between \$800 and \$1,000, while in the remaining thirteen they were below \$800. This last group includes seasonal industries, such as fruit and vegetable canning, fish curing and packing, and industries which contain a large number of small units in which the work is intermittent, such as feed mills. Other industries with low average wages were: textiles, tobacco, and boots and shoes, in which the proportion of female wage-earners is high, the number in several of these industries being greater than those of the male.

26.—Statistics of Salaries and Wages Paid in the Forty Leading Industries, 1935, together with Comparative Figures of Average Salaries and Wages Paid in 1931, and Totals and Averages Paid in Previous Representative Years.

NOTE.—Industries ranked according to the aggregate salaries and wages paid.

Industry	Salaries.						Wages.					
	Salaried Employees.		Total Salaries.	Average Salaries.		Wage-Earners.		Total Wages.	Average Wages.			
	Male.	Female.		1935.	1934.	Male.	Female.		1935.	1934.		
	No.	No.	\$	\$	No.	No.	\$	\$	\$	\$		
1 Pulp and paper.....	2,791	499	7,827,961	2,379	2,252	23,913	633	28,065,352	1,143	1,098		
2 Printing and publishing.....	5,798	1,914	11,363,513	1,473	1,448	7,955	1,222	11,697,999	1,275	1,254		
3 Central electric stations.....	4,950	1,290	10,708,868	1,716	1,659	9,218	-	11,811,125	1,281	1,312		
4 Automobiles.....	1,459	471	4,046,338	2,097	1,992	10,866	299	14,751,261	1,321	1,190		
5 Railway rolling-stock.....	1,228	68	2,529,387	1,052	1,948	15,602	23	10,256,284	1,040	939		
6 Sawmills.....	2,622	190	2,250,109	800	780	22,755	160	15,461,548	675	606		
7 Electrical apparatus and supplies.....	2,927	1,082	7,144,241	1,782	1,746	8,565	2,975	10,450,518	906	879		
8 Bread and other bakery products.....	2,260	564	2,866,264	1,015	965	14,382	1,961	13,503,648	826	831		
9 Clothing factory, women's.....	1,672	889	3,892,895	1,520	1,556	4,311	11,022	10,700,966	698	681		
10 Hosiery and knitted goods.....	921	578	2,710,446	1,808	1,796	6,038	10,974	11,542,207	678	662		
11 Castings and forgings.....	1,476	412	3,363,053	1,781	1,700	11,720	152	10,775,919	908	886		
12 Butter and cheese.....	2,850	726	3,495,689	978	958	10,861	340	10,409,446	920	895		
13 Printing and bookbinding.....	2,595	699	5,162,026	1,567	1,540	6,610	2,290	8,545,133	957	936		
14 Cotton yarn and cloth.....	423	144	1,163,749	2,052	1,988	11,294	6,260	12,042,516	686	718		
15 Non-ferrous metal smelting and refining.....	817	118	2,055,694	2,109	2,170	8,009	-	10,631,662	1,327	1,237		
16 Slaughtering and meat packing.....	2,154	317	4,265,175	1,726	1,703	7,319	884	8,183,172	998	978		
17 Primary iron and steel.....	706	125	1,441,393	1,735	2,166	8,662	30	10,827,997	1,247	1,136		
18 Boots and shoes, leather.....	1,085	428	2,481,228	1,640	1,629	8,946	5,471	9,261,643	642	614		
19 Rubber goods, including rubber footwear.....	1,299	416	2,947,122	1,718	1,736	6,684	2,624	8,070,309	807	847		
20 Machinery.....	1,656	487	3,658,097	1,707	1,553	6,684	122	6,873,154	1,010	943		
21 Biscuits, confectionery, cocoa, etc.....	1,798	480	3,889,159	1,707	1,688	3,666	4,502	5,426,404	664	642		
22 Clothing, factory, men's.....	1,250	385	2,272,203	1,390	1,387	3,991	3,760	6,718,167	877	866		
23 Silk and artificial silk.....	593	311	1,653,953	1,830	1,709	5,551	3,633	6,717,084	731	719		
24 Automobile supplies.....	548	237	1,400,411	1,784	1,740	5,231	598	6,011,023	1,031	963		
25 Tobacco, cigars and cigarettes.....	1,602	602	3,479,509	1,579	1,620	2,113	3,828	3,741,539	630	585		
26 Petroleum products.....	830	99	1,957,994	2,108	1,919	3,917	10	5,195,230	1,323	1,174		
27 Sheet metal products.....	998	283	2,101,001	1,640	1,664	4,591	706	4,701,697	887	866		
28 Breweries.....	917	126	2,266,507	2,173	2,189	3,381	36	3,889,135	1,138	1,047		
29 Furnishing goods, men's.....	642	316	1,586,914	1,656	1,602	1,141	6,858	4,201,341	525	506		
30 Coke and gas products.....	987	321	2,038,602	1,559	1,619	2,798	1	3,589,250	1,282	1,194		
31 Boxes and bags, paper.....	705	258	1,978,139	2,054	2,018	2,401	2,138	3,453,921	751	742		
32 Flour and feed mills.....	1,569	181	2,094,324	1,197	1,094	3,561	143	3,071,183	929	821		
33 Woollen cloth.....	361	126	982,524	2,018	2,016	3,482	2,336	4,126,079	709	686		
34 Fruit and vegetable preparations.....	748	236	1,423,060	1,446	1,497	3,253	3,675	3,640,421	525	514		
35 Medicinal and pharmaceutical preparations.....	979	530	2,700,890	1,830	1,785	981	1,174	1,739,362	807	827		
36 Paints and varnishes.....	1,045	322	2,546,999	1,893	1,888	1,530	163	1,695,117	1,001	944		
37 Leather tanneries.....	296	69	861,893	2,391	2,315	3,486	116	3,058,213	849	826		
38 Sugar refineries.....	333	55	1,078,256	2,779	2,745	1,054	92	2,008,435	1,150	1,124		
39 Fish curing and packing.....	475	75	703,075	1,278	1,234	3,185	1,031	2,171,478	515	533		
40 Coffee, tea and spices.....	595	173	1,392,881	1,814	1,727	788	562	1,144,196	848	843		
Totals, Forty Leading Industries.....	58,960	16,602	123,841,542	1,639	1,598	271,065	82,815	316,171,143	893	856		
Grand Totals, All Industries—1935.....	82,841	23,538	173,020,195	1,639	1,614	366,778	110,517	417,306,799	874	837		
1934.....	77,721	22,009	160,986,876	1,614	1,614	338,953	106,479	372,607,759		837		
1933.....	73,909	20,585	151,869,323	1,607	1,607	299,109	100,300	313,701,767		785		
1932.....	71,364	20,706	161,695,605	1,732	1,732	301,308	99,020	341,187,718		852		
1931.....	77,576	22,222	186,810,791	1,872	1,872	351,553	106,075	437,734,767		957		
1930.....	70,325	22,418	184,239,117	1,982	1,982	431,463	120,033	551,855,649		1,001		
1929.....	73,292	22,815	188,747,672	1,951	1,951	468,043	129,784	624,307,170		1,045		
1928.....	63,481	18,313	152,705,941	1,867	1,867	385,202	111,543	501,144,989		1,003		
1924.....	59,412	16,818	139,611,639	1,831	1,831	333,156	99,117	420,369,406		972		
1922.....		76,040	136,219,171	1,791	1,791	398,390		374,212,111		939		
1920.....		83,015	148,267,360	1,786	1,786	526,571		583,853,225		1,169		
1917.....		68,726	89,287,158	1,299	1,299	552,968		420,094,869		760		

Real Earnings of Employees in Recent Years.—When the index number representing the average yearly wages, with 1917 as a base, is divided by the index number of the cost of living, converted to the same base, it is seen that real wages advanced by 24.2 p.c. between 1917 and 1935. The details of the computation are given in Table 27. There was little change in real wages during the three years 1917 to 1920, when prices were rising rapidly. During the following two years, 1921 and 1922, when prices dropped rapidly, real wages increased by 6 p.c. From then until 1935 there was an almost continuous rise from year to year with the exception of 1930. In 1931 real wages reached a maximum of 120.2 and then declined to 113.8 in 1933 and rose again to 124.2 in 1935, the highest on record.

27.—Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1917-35.

NOTE.—The figures of average earnings for the years 1931 to 1935 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. (See footnote 1 to Table 4, p. 13.)

Year.	Amount of Wages Paid.	Average Number of Wage-Earners.	Average Yearly Earnings.	Index Numbers.		
				Average Yearly Earnings.	Cost of Living.	Real Value of Average Yearly Earnings.
	\$	No.	\$			
1917.....	420,004,869	552,968	760	100.0	100.0	100.0
1918.....	480,949,599	547,599	878	115.5	114.0	101.3
1919.....	496,570,995	529,327	938	123.4	125.3	98.5
1920.....	583,853,225	526,571	1,109	145.9	145.2	100.4
1921.....	381,910,145	381,203	1,002	131.8	127.6	103.2
1922.....	374,212,141	398,390	939	123.6	116.8	105.8
1923.....	428,731,347	446,994	959	126.1	116.8	107.9
1924.....	429,269,406	432,273	972	127.9	114.5	111.7
1925.....	452,958,655	466,602	971	127.8	116.0	110.2
1926.....	501,144,989	499,745	1,003	132.0	116.8	113.0
1927.....	531,583,250	533,450	997	131.3	115.1	114.1
1928.....	580,428,493	566,780	1,024	134.8	115.6	116.5
1929.....	624,302,170	597,827	1,045	137.5	118.8	117.7
1930.....	551,853,649	551,496	1,001	131.7	115.9	113.6
1931.....	437,734,767	457,628	957	125.8	104.7	120.2
1932.....	341,187,718	400,328	852	112.1	95.1	117.9
1933.....	313,701,767	399,409	785	103.3	90.8	113.8
1934.....	372,607,759	445,432	837	110.1	91.9	119.8
1935.....	417,306,709	477,295	874	115.0	92.6	124.2

Percentages of Wages and Salaries to Value of Products.—Table 28 shows the relation between wages and salaries paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of wages and salaries, of interest, rent and taxes, charges for fuel, power, lighting, repairs, and all other overhead charges. The percentage of salaries was highest in the years 1931 to 1935. These were years in which manufacturing production was curtailed and it is probable that, salaried employees being a part of the organization of an industry rather than of its productive force, salaries were an abnormally high percentage of the lower levels of production then prevailing. The percentage declined steadily with the increasing manufacturing production maintained during the period 1924 to 1929, while from 1931

to 1935, due to decreased industrial activity, the percentage of salaries to value added rose to 13.4, 15.0, 14.5, 13.2, and 13.3, respectively. It should be borne in mind, however, that salaried employees increased 38.5 p.c. during the period 1924-35 while wage-earners increased but 10.4 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more readily adjusted to the activity of the industry and wage levels likewise more readily adjusted to the price levels of the products. The percentage of wages to the values added in manufacture was thus only 3.5 p.c. lower in 1935 than in 1924. The percentage was highest in 1920, when, in the post-war inflation, average wages were highest (Table 26) and the efficiency of production lowest (Table 21).

In previous reports on manufactures the percentage of wages and salaries paid to the value added by manufacture was carried back to 1917. Under the new method of calculating the value added, whereby the cost of materials plus fuel and electricity is deducted from the gross value of the products, it is possible to go back to 1924 only. Under the old method of calculating the value added by manufacture only the cost of the materials used was deducted from the gross value of the products.

28.—Percentages of Wages and Salaries Paid to the Total Net Values of Manufacturing Production, 1924-35.

Year.	Value Added by Processes of Manufacture.	Salaries Paid.	Wages Paid.	Percentage—		
				of Salaries to Value Added.	of Wages to Value Added.	of Total Salaries and Wages to Value Added.
	\$	\$	\$	p.c.	p.c.	p.c.
1924.....	1,180,699,241	139,614,639	420,269,406	11.8	35.6	47.4
1925.....	1,280,504,159	143,056,516	452,958,655	11.2	35.4	46.6
1926.....	1,406,574,164	152,705,944	501,144,989	10.9	35.6	46.5
1927.....	1,544,296,557	162,348,978	531,583,250	10.5	34.4	44.9
1928.....	1,725,338,540	174,770,879	580,428,493	10.1	33.6	43.7
1929.....	1,894,910,456	188,747,672	624,302,170	10.0	32.9	42.9
1930.....	1,665,631,770	184,239,117	551,853,649	11.1	33.1	44.2
1931.....	1,390,409,237	186,810,794	437,734,767	13.4	31.5	44.9
1932.....	1,097,284,291	164,695,605	341,187,718	15.0	31.1	46.1
1933.....	1,048,259,450	151,860,323	313,701,767	14.5	29.9	44.4
1934.....	1,222,943,899	160,986,876	372,607,759	13.2	30.5	43.7
1935.....	1,302,179,099	173,020,195	417,306,709	13.3	32.1	45.4

Subsection 4.—Size of Manufacturing Establishments.

A modern characteristic of industry in all industrial countries has been the increase in the size of the typical manufacturing establishment. The full utilization of highly specialized machinery necessitates large-scale production, while the improvements in transportation have widened the market.

The size of the manufacturing establishment is generally measured either by the number of employees or by the value of product, but each of these methods has its limitations. The former takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to increased production concurrently with a decrease in the number of employees. The latter measure has to be adjusted for changes in the price level; and, as between industries, it makes those which handle expensive raw materials appear to operate on a larger scale. Both measures are subject to two limitations: first, they depend on the fluctuation of business

activity and the demand of the consumer; second, over any lengthy period of time there is the difficulty of comparability resulting from changes in the method of the census. Since 1932, for example, due to the difficulty of eliminating duplication in the value of production in central electric stations, as well as the difficulty of apportioning the capital investment as between different cities, it has been found necessary to exclude figures for central electric stations in showing statistics of size of establishment as well as statistics of cities and towns.

Size as Measured by Gross Value of Products.—While in 1922 the 420 establishments each producing over \$1,000,000 had an aggregate value of products of \$1,268,056,129 or 51 p.c. of the total production of all manufacturing industries, the 719 establishments producing over \$1,000,000 each in 1929 had an aggregate value of products of \$2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over a million dollars dropped again to 482, their output being valued at \$1,451,658,954 or 53 p.c. of the total. Due to the elimination of central electric stations, the figures since 1932 are not directly comparable with those for 1929 or 1922.

29.—Manufacturing Establishments Grouped According to Gross Values of Products, with Total and Average Values of Products in each Class, for Canada, 1922, 1929, 1934 and 1935.

Group of Gross Values.	Estab- lish- ments.	Total Production.	Average Pro- duction.	Estab- lish- ments.	Total Production.	Average Pro- duction.
	1922.			1929. ¹		
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,978	114,205,770	7,625	14,024	106,735,470	7,611
\$ 25,000 but under \$ 50,000.....	2,401	85,075,807	35,433	2,802	99,529,725	35,521
50,000 " 100,000.....	1,703	129,320,947	72,125	2,209	156,308,744	70,760
100,000 " 200,000.....	1,355	191,675,689	141,458	1,688	237,532,492	140,718
200,000 " 500,000.....	1,078	330,533,712	306,617	1,519	504,218,217	331,941
500,000 " 1,000,000.....	516	363,341,076	704,149	636	443,597,677	697,481
1,000,000 " 5,000,000.....	364	692,463,530	1,902,372	601	1,217,866,089	2,026,409
5,000,000 and over.....	56	575,592,599	10,278,439	118	1,298,198,865	11,001,685
Totals.....	22,541	2,482,269,130	110,119	23,597	4,063,967,279	172,225
	1934. ²			1935. ²		
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	17,070	116,445,708	6,822	16,476	117,586,181	7,137
\$ 25,000 but under \$ 50,000.....	2,427	86,146,296	35,495	2,552	90,448,169	35,442
50,000 " 100,000.....	1,876	133,417,838	71,118	1,943	137,698,893	70,869
100,000 " 200,000.....	1,300	182,914,474	140,703	1,377	192,476,536	139,780
200,000 " 500,000.....	1,116	346,314,102	310,317	1,191	372,397,660	312,676
500,000 " 1,000,000.....	422	297,821,747	705,739	452	315,147,466	697,229
1,000,000 " 5,000,000.....	354	714,932,036	2,019,582	396	786,490,824	1,986,088
5,000,000 and over.....	55	531,303,140	9,660,057	63	657,976,801	10,444,076
Totals.....	21,620	2,469,295,311	97,859	24,450	2,670,222,470	109,212

¹ The value of production in 1929 shown above is greater in the aggregate by \$34,615,939 than the value of production shown in the other tables of this chapter. This is due to the elimination from the other tables of the value of electric energy purchased by central electric stations from other generating plants for distribution to local consumers. For the reporting plant, however, the cost of such power is regarded as the cost of materials. This necessarily involves a duplication in the value of production which it is impossible to make compensation for as between the groups.

² The figures for 1934 to 1935 do not include central electric stations.

39.—Manufacturing Establishments, Grouped According to Gross Values of Products, with Total Values of Products in each Class, by Provinces, 1935.

NOTE.—The figures in this table do not include central electric stations.

Group of Gross Values.	Prince Edward Island.		Nova Scotia.		New Brunswick.	
	Estab-lish-ments.	Production.	Estab-lish-ments.	Production.	Estab-lish-ments.	Production.
	No.	\$	No.	\$	No.	\$
Under \$25,000.....	225	1,398,460	1,059	5,644,273	654	3,988,391
\$ 25,000 to \$ 50,000.....	13	456,982	74	2,590,925	72	2,516,971
50,000 " 100,000.....	7	511,043	65	4,512,448	38	2,679,178
100,000 " 200,000.....	4	710,794	30	4,104,919	28	3,711,811
200,000 " 500,000.....	—	—	30	8,831,038	26	8,008,699
500,000 " 1,000,000.....	—	—	4	2,765,814	5	3,441,100
1,000,000 " 5,000,000.....	—	—	12	33,563,302	11	28,764,361
5,000,000 and over.....	—	—	—	—	—	—
Totals.....	249	3,077,279	1,274	62,012,719	834	53,110,511

	Quebec.		Ontario.		Manitoba.	
	Estab-lish-ments.	Production.	Estab-lish-ments.	Production.	Estab-lish-ments.	Production.
	No.	\$	No.	\$	No.	\$
Under \$25,000.....	5,623	38,475,667	5,901	47,983,886	673	4,424,688
\$ 25,000 to \$ 50,000.....	705	25,081,023	1,196	42,221,419	116	4,149,179
50,000 " 100,000.....	509	36,153,685	947	67,172,929	107	7,331,298
100,000 " 200,000.....	346	48,904,871	712	99,252,016	70	10,004,530
200,000 " 500,000.....	368	114,288,161	586	183,925,919	50	14,957,607
500,000 " 1,000,000.....	128	90,278,186	240	166,604,181	25	17,483,594
1,000,000 " 5,000,000.....	108	229,853,496	207	403,403,877	14	27,841,208
5,000,000 and over.....	23	190,177,157	26	359,462,252	3	24,822,370
Totals.....	7,807	773,212,246	9,815	1,370,027,379	1,058	111,004,474

	Saskatchewan.		Alberta.		British Columbia.	
	Estab-lish-ments.	Production.	Estab-lish-ments.	Production.	Estab-lish-ments.	Production.
	No.	\$	No.	\$	No.	\$
Under \$25,000.....	584	3,048,926	664	4,423,160	1,093	8,198,728
\$ 25,000 to \$ 50,000.....	60	2,114,973	112	3,955,644	204	7,301,053
50,000 " 100,000.....	50	3,450,831	69	4,684,363	154	11,213,118
100,000 " 200,000.....	35	4,874,474	35	4,526,449	118	16,713,772
200,000 " 500,000.....	17	5,587,975	21	7,481,584	93	29,496,808
500,000 " 1,000,000.....	—	—	9	6,454,654	40	27,611,746
1,000,000 " 5,000,000.....	9	23,366,916	16	36,979,771	26	45,540,725
5,000,000 and over.....	—	—	—	—	4	40,692,190
Totals.....	755	42,444,097	826	68,565,625	1,732	136,828,140

Size of Establishments as Measured by Number of Employees.—In 1923, establishments employing 501 hands or over accounted for 21.4 p.c. of the total number of employees engaged in manufacturing. By 1929 it had increased to 27.3 p.c. of the total, thereby showing the increasing concentration of production into larger units. This tendency, however, was checked by the depression, the percentage having dropped in 1933 to 20.5 p.c. (central electric stations included). The same also holds true for all establishments employing 101 hands or over. In 1923 they employed 58.5 p.c. of the total, in 1929, 61.9 p.c., and in 1932, 55.7 p.c.

31.—Establishments and Employees in Canadian Manufactures, Grouped According to the Number of Employees per Establishment, 1923, 1929, 1934 and 1935.

Group.	Establishments.	Employees.	Average Employed.	Establishments.	Employees.	Average Employed.
	1923.			1929.		
	No.	No.	No.	No.	No.	No.
Fewer than 5 employees....	13,156	22,789	1.7	12,273	30,446	2.5
5 to 20 employees.....	5,310	53,852	10.1	6,160	62,310	10.1
21 " 50 ".....	2,093	67,408	32.2	2,531	81,840	32.4
51 " 100 ".....	1,031	73,449	71.2	1,262	90,238	71.5
101 " 200 ".....	566	79,737	140.8	745	103,944	139.5
201 " 500 ".....	374	115,585	309.0	444	136,397	307.1
501 or over.....	112	112,447	1,004.0	182	189,253	1,040.0
Totals and Averages...	22,642	525,267	23.3	23,597	694,434	29.4
	1934. ¹			1935. ¹		
	No.	No.	No.	No.	No.	No.
	No.	No.	No.	No.	No.	No.
Fewer than 5 employees....	14,296	26,736	1.8	13,719	24,058	1.8
5 to 20 employees.....	6,167	60,491	9.8	6,390	62,737	9.8
21 " 50 ".....	2,109	67,436	31.9	2,173	69,792	32.1
51 " 100 ".....	991	69,717	70.3	1,027	71,660	69.7
101 " 200 ".....	583	81,465	139.7	613	84,825	138.3
201 " 500 ".....	345	103,651	300.4	386	115,331	298.7
501 or over.....	129	120,692	935.6	142	139,013	798.9
Totals and Averages...	24,620	530,188	21.5	24,450	567,416	23.2

¹ Exclusive of central electric stations.

32.—Establishments and Employees in Canadian Manufactures, by Provinces, and Average Number of Employees per Establishment, 1935.

NOTE.—The figures in this table do not include central electric stations.

Province and Item.	Under 5 Employees.	5-20.	21-50.	51-100.	101-200.	201-500.	501 or over.	Total.
Prince Edward Island—								
Establishments.....	191	50	8	—	—	—	—	249
Employees.....	372	419	258	—	—	—	—	1,049
Averages per establishment.....	1.9	8.3	32.2	—	—	—	—	4.2
Nova Scotia—								
Establishments.....	832	309	80	29	9	12	3	1,274
Employees.....	1,573	2,787	2,491	1,068	1,306	3,471	1,626	15,222
Averages per establishment.....	1.8	9.0	31.1	67.8	145.1	289.2	542.0	11.9
New Brunswick—								
Establishments.....	512	224	52	21	13	0	3	834
Employees.....	1,002	2,104	1,670	1,475	1,837	2,808	2,473	13,465
Averages per establishment.....	1.9	9.3	32.2	70.2	141.3	322.0	824.3	16.1
Quebec—								
Establishments.....	4,742	1,733	651	288	204	134	55	7,807
Employees.....	8,508	17,059	20,787	19,745	27,504	41,859	53,474	189,936
Averages per establishment.....	1.8	9.8	31.9	68.5	134.8	312.3	972.2	24.2
Ontario—								
Establishments.....	4,907	2,809	1,023	506	306	195	69	9,815
Employees.....	10,371	28,063	32,983	35,723	42,862	56,494	68,314	274,810
Averages per establishment.....	2.1	9.9	32.2	70.5	140.07	289.6	990.05	27.9
Manitoba—								
Establishments.....	552	316	98	54	28	5	5	1,058
Employees.....	1,174	3,039	3,266	3,775	4,029	1,392	5,356	22,031
Averages per establishment.....	2.1	9.6	33.3	69.9	143.8	232.0	1,071.2	20.8
Saskatchewan—								
Establishments.....	534	162	38	13	8	—	—	755
Employees.....	1,021	1,394	1,206	835	1,347	—	—	5,803
Averages per establishment.....	1.9	8.6	31.7	64.2	168.3	—	—	7.6
Alberta—								
Establishments.....	613	219	47	29	8	10	—	926
Employees.....	1,250	2,065	1,517	2,045	1,962	3,570	—	11,509
Averages per establishment.....	2.03	9.4	32.2	70.5	132.7	357.0	—	12.4
British Columbia—								
Establishments.....	836	568	176	87	38	21	6	1,732
Employees.....	1,768	5,807	5,608	6,004	5,193	6,324	6,778	37,572
Averages per establishment.....	2.1	10.2	31.8	70.04	136.6	301.1	1,129.6	21.6

Size of Establishments of Some of the Leading Industries.—The following statement and Table 33 show the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of non-ferrous metal smelting, petroleum products, automobiles, slaughtering and meat packing, and pulp and paper, whereas in the case of butter and cheese, sawmills, and bread and other bakery products, the degree of concentration is but moderate. With regard to flour and feed mills, concentration is marked in the case of flour mills, but the small size of the average feed mill offsets this for the industry as a whole.

PERCENTAGE IMPORTANCE OF ESTABLISHMENTS WITH A GROSS PRODUCTION OF \$1,000,000 AND OVER EACH IN CERTAIN INDUSTRIES.

Industry.	Number of such Establishments.	Percentage to Total in the Industry.	Percentage of Total Production in the Industry.
Non-ferrous metal smelting	15	100	100
Pulp and paper	50	53	92
Slaughtering and meat packing	30	22	88
Automobiles	8	40	98
Butter and cheese	9	0.4	14
Flour and feed mills	20	2	65
Petroleum products	15	26	91
Sawmills	8	0.2	18
Electrical apparatus and supplies	10	6	59
Bread and other bakery products	6	0.2	15

33.—Size of Establishments of Some of the Leading Industries, Grouped According to the Gross Value of Products, and the Number of Persons Employed, 1935.

Group and Item.		Non-Ferrous Metal Smelting.	Pulp and Paper.	Slaughtering and Meat Packing.	Automobiles.	Butter and Cheese.
GROSS VALUE OF PRODUCTS.						
Under \$25,000	Establishments.....No.	-	-	30	3	1,838
	Production.....\$	-	-	637,100	8,448	18,889,977
\$ 25,000 to \$ 50,000	Establishments.....No.	-	92	14	37	312
	Production.....\$	-	314,014	481,862	142,806	10,919,823
50,000 to 100,000	Establishments.....No.	-	6	18	-	253
	Production.....\$	-	488,390	1,290,532	-	17,632,184
100,000 to 200,000	Establishments.....No.	-	3	19	3	120
	Production.....\$	-	516,294	2,645,459	428,210	15,943,190
200,000 to 500,000	Establishments.....No.	-	15	14	3	46
	Production.....\$	-	4,895,735	4,435,271	1,021,658	13,495,658
500,000 to 1,000,000	Establishments.....No.	-	12	8	-	11
	Production.....\$	-	8,752,501	5,942,037	-	8,693,440
1,000,000 to 5,000,000	Establishments.....No.	51	43	23	5	9
	Production.....\$	8,426,820	104,327,808	40,726,714	9,121,238	14,314,729
5,000,000 or over—	Establishments.....No.	10	7	7	3	-
	Production.....\$	177,818,738	43,356,480	71,220,268	95,902,025	-
NUMBER OF PERSONS EMPLOYED.						
Under 5—	Establishments.....No.	-	-	40	3	2,113
	Employees.....No.	-	-	100	9	4,302
5 to 20—	Establishments.....No.	-	5	53	4	391
	Employees.....No.	-	76	597	48	3,345
21 to 50—	Establishments.....No.	2	14	13	-	45
	Employees.....No.	77	504	455	-	1,372
51 to 100—	Establishments.....No.	-	15	6	4	22
	Employees.....No.	-	1,041	435	236	1,435
101 to 200—	Establishments.....No.	2	15	12	3	9
	Employees.....No.	268	2,396	1,059	461	1,289
201 to 500—	Establishments.....No.	4	25	10	-	97
	Employees.....No.	1,268	8,267	3,235	-	3,043
501 or over—	Establishments.....No.	7	21	5	6	-
	Employees.....No.	7,331	15,552	4,184	12,341	-

33.—Size of Establishments of Some of the Leading Industries, Grouped According to the Gross Value of Products, and the Number of Persons Employed, 1935—con.

		Flour and Feed.	Petroleum Products.	Saw- mills.	Electrical Apparatus and Supplies.	Bread and Other Bakery Products.
GROSS VALUE OF PRODUCTS.						
Under \$25,000	Establishments... No	739	10	3,399	52	2,684
	Production... \$	8,398,143	211,898	11,968,783	498,861	19,685,975
\$ 25,000 to \$ 50,000	Establishments... No	254	5	114	33	205
	Production... \$	8,695,010	109,750	4,078,103	1,209,203	6,955,551
50,000 to 100,000	Establishments... No	78	6	69	26	82
	Production... \$	5,352,742	440,844	4,744,633	1,853,048	5,690,856
100,000 to 200,000	Establishments... No	14	13	50	13	31
	Production... \$	2,014,182	1,878,442	6,872,873	1,663,848	4,128,049
200,000 to 500,000	Establishments... No	15	6	38	32	28
	Production... \$	4,598,845	2,067,544	12,731,274	10,478,322	8,390,672
500,000 to 1,000,000	Establishments... No	7	3	20	14	9
	Production... \$	4,600,497	2,077,926	13,381,112	9,360,721	5,773,646
1,000,000 to 5,000,000	Establishments... No	15	8	8	12 ⁴	6
	Production... \$	32,894,537	20,239,359	12,128,354	36,088,833	8,785,919
5,000,000 or over—	Establishments... No	5	7	—	—	—
	Production... \$	31,013,912	52,864,762	—	—	—
NUMBER OF PERSONS EMPLOYED.						
Under 5—	Establishments... No	1,017	11	3,017	28	2,248
	Employees... No	1,567	27	4,914	70	4,922
5 to 20—	Establishments... No	78	23	479	76	682
	Employees... No	635	227	4,367	847	5,523
21 to 50—	Establishments... No	13	8	107	33	71
	Employees... No	417	223	3,474	1,154	2,110
51 to 100—	Establishments... No	7	5	49	20	23
	Employees... No	478	312	3,435	1,605	1,641
101 to 200—	Establishments... No	8	6	31	11	13
	Employees... No	1,107	764	4,367	1,535	1,831
201 to 500—	Establishments... No	4	—	12	8	10
	Employees... No	1,250	—	3,377	2,133	3,140
501 or over—	Establishments... No	—	5 ²	3	6	—
	Employees... No	—	3,303	1,793	8,205	—

¹ Includes 1 establishment with production of 200,000 to 500,000. ² Includes 1 establishment with production of 25,000 or under. ³ Includes 1 establishment with production of 50,000 to 100,000. ⁴ Includes 2 establishments with production of 5,000,000 or over. ⁵ Includes 2 establishments with employees from 21 to 50. ⁶ Includes 2 establishments with employees of 201 to 500. ⁷ Includes 1 establishment with employees of 501 or over. ⁸ Includes 3 establishments with employees of 201 to 500.

Subsection 5.—Power and Fuel.

Power.—The power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as the production is increasingly dependent on the power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Power equipment will not reflect temporary depressions, but over a period of several years will indicate industrial growth or decline.

Central electric stations, which generate electricity for both lighting and power purposes, are treated, in Table 34, separately from the other groups of industries. Internal combustion engines include all gasoline engines, gas engines (natural, coal and producer gas), and diesel and semi-diesel or other engines which produce power by burning the fuel in the cylinder.

The rapid increase in the development of power in Canada and in its utilization in manufacturing industries is illustrated by the summary figures for the years 1921 to 1935 in Table 34. The table is divided into two parts, the first showing manufacturing industries exclusive of central electric stations and the second showing central electric stations only. The abundance of readily available water power in many parts of Canada, facilitating the development of low-cost hydro-electric power has, no doubt, played a large part in this rapid growth. Of the total increase in power equipment since 1923, amounting to 6,937,428 h.p., inclusive of central electric stations, no less than 4,541,985 h.p., or 65 p.c., was in water power. However, some sections of Canada are not so well provided with water-power resources but in such sections primary power derived from steam engines and turbines and internal combustion engines has also increased rapidly during the period covered. In the provinces of Prince Edward Island, Nova Scotia, Saskatchewan, and Alberta, primary power produced from fuels exceeded that from water in 1935. The total installation of electric motors increased 2,071,261 h.p., or 159 p.c., in the 13 years covered, by far the greatest part of this increase being in motors operated by power purchased from central electric stations.

Comparisons with the data for 1923 show an increase in 1935 of 6,937,428 h.p., or 147 p.c., in the total power equipment in all manufacturing establishments, including central electric stations, by far the largest increase, amounting to 4,737,556 h.p., being in central electric stations. Of this increase in central electric stations, water-power development accounted for 4,525,422 h.p., while steam power installed increased by 193,418 h.p. and internal combustion engines increased by 18,716 h.p. Provinces with large water-power developments show the greatest increases in primary power, *i.e.*, steam engines and turbines, internal combustion engines and hydraulic turbines or water wheels. For all manufacturing industries, including central electric stations, the province of Quebec led with an increase of 2,616,640 h.p. during the period under review. Ontario came second with an increase of 1,087,213 h.p., British Columbia third with an increase of 458,069 h.p., Manitoba fourth with 376,754 h.p., Nova Scotia fifth with 175,755 h.p., New Brunswick sixth with 136,932 h.p., etc. In the utilization of hydraulic power, Quebec exceeded Ontario for the first time in 1925. In 1927 Quebec exceeded Ontario or any other province in the total of installed primary power from all sources and has been the leading province since then, largely owing to its extensive water-power resources, 94 p.c. of its primary power in 1935 being derived from water.

34.—Totals for Canada of Power Installed in the Manufacturing Industries other than Central Electric Stations and in Central Electric Stations, 1921-35, with Details by Provinces and Industrial Groups for 1935.

MANUFACTURING INDUSTRIES (EXCLUSIVE OF CENTRAL ELECTRIC STATIONS).

Province or Group.	Steam Engines and Turbines.	Internal Combustion Engines.	Hydraulic Turbines and Water Wheels.	Electric Motors Operated by Purchased Power.	Total Power Equipment.	Electric Motors Operated by Power Generated by Establishments Reporting.	Total Electric Motors.
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1921.....	495,534	37,696	492,508	-	-	-	1,014,216
Totals, 1922.....	554,141	70,271	578,795	-	-	-	1,162,649
Totals, 1923.....	554,191	46,829	587,191	958,692	2,116,903	357,136	1,315,828
Totals, 1924.....	652,913	54,250	575,189	1,256,183	2,338,535	398,001	1,634,184
Totals, 1925.....	694,425	57,247	596,738	1,547,751	2,888,164	431,678	1,982,432
Totals, 1926.....	704,158	56,128	603,628	1,770,334	3,134,248	392,322	2,162,656
Totals, 1927.....	718,157	57,143	587,595	1,921,687	3,287,582	386,555	2,311,242
Totals, 1928.....	736,996	58,806	657,233	2,139,129	3,592,181	457,565	2,596,694
Totals, 1929.....	768,141	60,654	645,500	2,393,684	3,867,979	496,036	2,889,720
Totals, 1930.....	799,041	65,630	668,220	2,518,853	4,051,744	478,518	2,997,401
Totals, 1931.....	786,307	73,401	667,558	2,587,411	4,114,677	539,900	3,127,211
Totals, 1932.....	741,486	68,554	653,216	2,691,164	4,157,120	516,157	3,210,321
Totals, 1933.....	743,433	76,613	657,895	2,671,440	4,149,181	502,706	3,174,146
Totals, 1934.....	779,949	87,147	597,687	2,779,913	4,241,696	550,599	3,330,413
PROVINCE, 1935.							
Prince Edward Island.....	1,414	604	1,324	705	4,047	1	706
Nova Scotia.....	93,919	4,765	13,935	97,100	209,719	11,027	108,127
New Brunswick.....	67,705	3,577	28,491	96,958	196,821	46,875	143,833
Quebec.....	172,827	15,586	191,079	1,127,225	1,506,717	101,428	1,228,653
Ontario.....	271,629	43,457	244,969	1,146,297	1,706,352	228,408	1,374,705
Manitoba.....	16,250	3,862	25	107,683	127,820	1,000	108,743
Saskatchewan.....	13,349	2,651	70	21,000	37,070	96	21,096
Alberta.....	24,519	4,164	12	41,433	70,128	2,343	43,776
British Columbia and Yukon.....	118,281	9,679	123,849	236,292	488,101	121,158	357,450
Totals, 1935.....	779,943	88,245	603,754	2,874,603	4,246,775	512,396	3,387,059
INDUSTRIAL GROUP, 1935.							
Vegetable products.....	57,374	20,306	30,630	223,051	331,361	23,088	240,139
Animal products.....	27,385	5,384	1,861	87,930	122,560	2,988	90,918
Textile products.....	28,704	1,738	27,921	182,186	240,549	22,463	204,649
Wood and paper products.....	418,614	26,676	512,390	1,202,403	2,160,083	355,691	1,558,094
Iron and its products.....	159,939	23,004	3,964	473,584	660,491	69,395	452,979
Non-ferrous metal products.....	28,796	2,548	18,460	367,123	416,927	22,467	359,590
Non-metallic mineral products.....	33,492	7,747	23	181,293	222,555	6,147	187,440
Chemicals and chemical products.....	17,034	254	8,505	104,671	130,464	7,600	112,271
Miscellaneous industries.....	8,645	688	-	52,452	61,785	2,557	65,009

CENTRAL ELECTRIC STATIONS.

Totals, 1921.....	269,191	15,871	1,826,357	-	2,111,419	-	-
Totals, 1922.....	279,615	16,751	2,112,289	-	2,408,655	-	-
Totals, 1923.....	273,679	17,191	2,282,547	-	2,573,117	-	-
Totals, 1924.....	291,351	18,241	2,707,957	-	3,017,552	-	-
Totals, 1925.....	306,491	20,188	3,416,018	-	3,742,697	-	-
Totals, 1926.....	314,377	22,426	3,609,383	-	3,946,188	-	-
Totals, 1927.....	320,774	22,610	3,975,012	-	4,318,396	-	-
Totals, 1928.....	316,344	25,038	4,115,531	-	4,786,909	-	-
Totals, 1929.....	347,644	30,825	4,718,927	-	5,097,443	-	-
Totals, 1930.....	393,906	34,462	5,144,109	-	5,572,561	-	-
Totals, 1931.....	433,728	34,753	5,422,319	-	5,890,900	-	-
Totals, 1932.....	456,674	35,600	6,036,259	-	6,528,533	-	-
Totals, 1933.....	467,433	36,125	6,365,997	-	6,869,575	-	-
Totals, 1934.....	464,142	36,776	6,560,674	-	7,061,592	-	-
PROVINCE, 1935.							
Prince Edward Island.....	4,248	980	464	-	5,692	-	-
Nova Scotia.....	73,851	1,184	81,606	-	156,641	-	-
New Brunswick.....	29,840	245	105,985	-	136,070	-	-
Quebec.....	38,474	273	3,475,705	-	3,514,452	-	-
Ontario.....	40,213	3,531	2,077,458	-	2,121,202	-	-
Manitoba.....	33,584	2,754	436,925	-	473,260	-	-
Saskatchewan.....	120,310	17,908	-	-	138,218	-	-
Alberta.....	77,067	4,785	69,520	-	151,372	-	-
British Columbia and Yukon.....	49,513	4,247	560,306	-	614,066	-	-
Totals, 1935.....	467,097	35,907	6,867,969	-	7,310,973	-	-

Fuel and Electricity.—Fuel and electricity consumed by the manufacturing industries of Canada in 1935 was valued at \$84,273,129. Of this amount \$43,548,065 was for fuel and \$40,725,064 for electric power. The fuel used in industrial establishments in 1935 included 4,397,580 tons of bituminous coal valued at \$23,642,048, constituting 54.3 p.c. of the total fuel cost. The other chief fuels in order of value were: fuel oil 14.7 p.c., gas (principally manufactured gas) 13.2 p.c., coke 4.5 p.c., wood 3.4 p.c. and anthracite coal 3.0 p.c. Out of a fuel account of \$43,548,065, Ontario expended \$21,176,658 or 48.6 p.c. of the total. The manufacturing plants of Quebec expended \$10,887,347, Nova Scotia \$3,248,434 and British Columbia \$2,415,241.

The groups of industries in which fuel was most extensively used in 1935 were: non-metallic minerals \$8,742,968, wood and paper \$8,664,304, iron and steel products \$7,995,847 and vegetable products \$5,798,332. Fuel is used quite generally throughout the industrial field for the generation of power by means of internal combustion and steam engines. The most important industries where heat is applied directly to materials to transform them or to facilitate their manipulation are foundries and machine shops, blast furnaces and steel mills, smelting plants, brick, tile, lime and cement-making, petroleum refining, and the glass industry. In such industries as the manufacture of coke and gas the coal used as a material which enters into the actual composition of the product is not treated as a fuel but as a raw material and is not, therefore, included in the figures of Table 35.

The total annual expenditure on fuel decreased by \$8,092,847 or 15.7 p.c. in the fourteen years 1921-35 covered by the summary figures in Table 35. During this period prices of fuel generally have declined; thus with an increase of 7.2 p.c. in the quantity of bituminous coal used, the value decreased by 32.0 p.c.

The wood and paper products group is the largest user of electric power, the consumption in 1935 being valued at \$18,068,175 or 44.4 p.c. of the total cost of power used by all manufacturing industries. The iron and its products group ranks second with only 11.3 p.c. of the total. Other principal users were non-ferrous metal products, vegetable products and textiles.

In the provinces of Quebec and British Columbia the cost of electricity exceeds that of fuel. For Quebec, which is the largest user of electrical power, the electricity used was valued at \$17,761,056 as against \$10,887,347 for fuel, while in British Columbia electric power totalled \$3,649,470 and fuel \$2,415,241. Ontario, which ranks second as a user of electrical energy, expended \$14,896,266 for electricity and \$21,176,658 for fuel.

At the Conference of British Commonwealth Statisticians, held in Ottawa, Sept. 13 to Oct. 9, 1935, Canadian representatives agreed with those of the United Kingdom and other British countries that fuel and power used in manufacture should be logically regarded as a material of production, and their cost, therefore, should be deducted from the gross in arriving at the net value of production. This procedure has in consequence been followed in the compilation of manufacturing statistics for 1934 and 1935.

35.—Fuel and Electricity Used in the Manufacturing Industries of Canada, 1921-34, with Details by Provinces and Groups, 1935.

Province or Group.	Bituminous Coal.		Anthracite Coal.		Lignite Coal.	Coke.	Fuel Oils.	Wood.	Gas.	Other Fuel, Including Gasoline.	Cost of Electricity. ¹	Total Fuel and Electricity.
	short tons.	\$	short tons.	\$	\$	\$	\$	\$	\$	\$	\$	\$
Totals, 1921	4,163,071	34,752,681	306,459	2,915,752	1,326,456	2,497,400	5,417,800	—	—	4,730,823	—	51,640,912 ²
Totals, 1922	4,161,463	39,914,585	419,289	3,616,185	1,126,963	3,299,016	5,649,671	2,083,414	1,616,982	1,612,439	—	49,920,365 ³
Totals, 1923	5,338,446	38,283,115	556,780	4,614,239	509,014	3,238,257	6,241,692	2,514,157	1,901,058	1,432,396	—	58,736,938 ³
Totals, 1924	5,318,255	34,438,551	782,333	4,642,651	627,495	2,250,232	5,780,752	2,595,064	4,711,186	2,022,777	18,876,446	75,944,668
Totals, 1925	5,902,197	31,031,531	337,851	2,561,489	658,287	5,015,239	7,246,961	2,700,977	3,570,180	1,998,037	22,557,617	80,375,718
Totals, 1926	6,409,227	36,723,339	300,179	2,266,935	578,651	4,176,584	7,771,769	2,645,505	4,233,073	1,700,091	26,374,908	86,070,879
Totals, 1927	6,470,803	36,053,827	317,135	2,433,720	1,333,131	3,890,378	7,229,529	2,492,495	5,272,755	1,407,463	31,321,161	91,627,375
Totals, 1928	6,639,736	37,871,736	279,467	2,070,989	1,572,452	1,819,317	7,300,552	2,439,104	5,434,805	1,252,282	33,916,215	95,787,483
Totals, 1929	7,062,231	39,315,723	278,114	1,986,332	1,759,415	2,351,512	8,778,491	2,693,629	6,214,817	1,327,510	38,014,420	102,439,509
Totals, 1930	6,383,728	34,073,553	265,816	1,892,789	1,296,160	1,927,214	7,817,513	2,282,102	5,953,767	1,245,319	39,836,709	96,554,556
Totals, 1931	5,336,545	28,809,385	155,494	1,131,356	911,410	1,809,671	6,952,116	1,795,811	4,970,315	1,229,172	37,530,046	84,172,614
Totals, 1932	4,184,299	22,063,901	156,729	1,112,475	729,321	1,617,748	5,034,977	1,550,168	4,732,151	1,107,219	31,993,615	72,941,581
Totals, 1933	3,878,795	19,898,280	162,039	1,118,479	715,747	1,691,966	4,958,801	1,709,294	4,862,495	1,215,058	33,340,000	69,399,823
Totals, 1934	4,301,110	22,931,185	186,378	1,239,894	790,804	1,704,304	5,335,902	1,523,724	5,771,460	1,952,601	38,375,428	79,839,002
PROVINCE, 1935.												
Prince Edward Island.....	8,762	54,990	41	396	—	3,326	12,092	8,015	—	4,127	16,246	90,192
Nova Scotia.....	389,124	1,580,954	1,924	16,700	688	109,834	504,709	33,293	617,321	384,944	1,217,808	4,466,242
New Brunswick.....	346,047	1,577,303	1,241	10,766	49	23,866	102,719	74,617	19,560	85,398	1,255,175	3,149,453
Quebec.....	1,032,332	6,011,124	120,854	730,022	9,553	281,812	1,767,432	535,299	1,272,946	279,159	17,761,056	28,648,403
Ontario.....	2,223,884	12,718,713	56,476	433,275	17,089	1,370,072	2,154,746	311,519	3,252,620	798,624	14,896,263	36,072,921
Manitoba.....	78,780	505,891	8,699	91,987	382,202	21,248	200,777	146,036	93,452	46,355	987,270	2,455,218
Saskatchewan.....	132,651	572,892	747	4,092	207,767	30,121	391,469	64,730	41,874	27,841	457,475	1,798,232
Alberta.....	111,853	244,967	68	765	242,871	13,362	99,187	29,548	345,294	38,523	504,297	1,518,734
British Columbia and Yukon.....	74,247	375,244	141	1,511	1,667	105,150	1,155,152	167,616	1,01,597	507,304	3,649,470	6,064,711
Totals, 1935	4,397,590	23,612,648	190,191	1,289,514	861,886	1,858,731	6,388,274	1,490,673	5,744,664	2,172,275	40,725,064	84,273,129
INDUSTRIAL GROUPS, 1935.												
Vegetable products.....	546,010	3,092,787	48,872	408,347	171,946	398,878	556,885	406,876	631,117	221,496	3,290,411	9,088,743
Animal products.....	310,780	1,783,172	6,041	48,175	253,966	11,377	215,060	450,458	115,134	100,073	1,659,430	4,434,745
Textiles and textile products.....	465,518	2,791,217	42,103	226,875	40,614	63,335	304,586	71,325	91,011	125,214	3,243,129	6,957,306
Wood and paper products.....	1,088,546	6,107,533	57,880	363,732	13,632	24,610	917,501	224,331	146,983	865,982	18,068,175	26,732,479
Iron and its products.....	808,763	3,970,432	16,582	105,658	212,902	261,705	1,328,937	50,372	1,815,740	150,924	4,016,659	12,612,506
Non-ferrous metal products.....	121,853	691,522	4,515	39,390	273	97,705	353,980	4,824	152,314	29,501	4,346,300	5,717,809
Non-metallic mineral products.....	435,261	2,446,047	7,858	52,305	21,065	934,924	2,123,974	225,196	2,731,638	207,616	2,625,484	11,368,432
Chemicals and chemical products.....	285,629	1,506,394	4,487	33,152	899	58,506	167,023	20,864	25,945	91,835	2,341,474	4,256,062
Miscellaneous industries.....	33,061	209,127	1,863	14,877	1,347	7,614	45,512	5,013	23,316	9,343	534,022	850,171
Central electric stations.....	304,159	1,133,817	—	—	145,272	—	372,816	31,414	11,466	360,091	—	2,054,876

¹ Cost of electricity for central electric stations excluded.

² Cost of electricity not available.

³ Does not include cost of electricity.

Section 5.—Manufacturing Industries in Cities and Towns.

The prosperity of most of the cities and towns of Canada, especially in the East, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the West the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 36, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns account for about 92 p.c. of the total, while in British Columbia and the Maritime Provinces, where sawmilling, fish packing, and dairying are leading industries, the proportion falls to 68 p.c. and 67 p.c., respectively. In the Prairie Provinces manufacturing is confined largely to a few large urban centres.

36.—Cities and Towns with a Gross Manufacturing Production of over \$1,000,000 each, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1935.

NOTE.—Statistics published in this table are in some cases higher than the figures published in Table 35, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000 each. It was not possible to publish this information in Table 34 without disclosing the operations of individual establishments. The statistics in this table do not include central electric stations.

Province.	Cities and Towns with a Gross Production of over \$1,000,000 each.	Establishments Reporting in Cities and Towns Producing over \$1,000,000 each.	Total Production in Cities and Towns Producing over \$1,000,000 each.	Total Production in each Province.	Production in Cities and Towns as a Percentage of Total Production in each Province.
	No.	No.	\$	\$	p.c.
Prince Edward Island.....	1	36	1,433,920	3,077,279	46.6
Nova Scotia.....	9	266	40,695,902	62,012,719	65.6
New Brunswick.....	8	256	36,838,192	53,110,511	69.4
Quebec.....	50	3,511	696,301,304	773,212,246	90.1
Ontario.....	96	6,335	1,280,660,702	1,370,027,379	93.5
Manitoba.....	5	678	94,389,382	111,004,474	85.0
Saskatchewan.....	4	233	33,870,024	42,444,097	79.8
Alberta.....	5	375	56,931,416	68,505,625	83.1
British Columbia.....	9	1,139	127,782,411	186,828,140	68.4
Totals.....	187	12,823	2,268,963,253	2,670,322,479	88.7

The six chief manufacturing cities of Canada in 1935 were: Toronto, Montreal, Hamilton, Windsor, Vancouver, and Winnipeg. Due to the amalgamation of the border cities, Windsor now ranks among the first six manufacturing centres. Toronto proper exceeded Montreal proper by a slight margin. Greater Montreal, however, is still ahead of Greater Toronto and continues to be the leading manufacturing area in the Dominion. According to the Census of 1931, Hamilton was proportionately the most largely dependent of these cities upon manufacturing industries. About 45 p.c. of its gainfully employed population was employed in manufacturing, as compared with 28 p.c. in Toronto, 27 p.c. in Montreal, 18 p.c. in Winnipeg, and 16 p.c. in Vancouver.

Eighteen other important cities with a gross production of manufactured goods of over \$15,000,000 in 1935 were as follows, in descending order of the value of their products: Oshawa, Montreal East, London, Kitchener, Quebec, Calgary, Ottawa, Peterborough, Three Rivers, Sarnia, Edmonton, Brantford, St. Boniface, New Toronto, Niagara Falls, Cornwall, Saint John, and St. Catharines. Statistics of manufactures of cities and towns with a gross production of \$1,000,000 or over and with three or more establishments are given for 1935 in Table 38.

37.—Principal Statistics of the Manufacturing Industries of the Five Leading Manufacturing Cities of Canada, 1930 and 1932-35.

NOTE.—Statistics for 1932-35 do not include central electric stations.

City and Year.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
Montreal.....1930	1,825	485,332,181	98,905	115,753,191	250,718,415	532,404,756
1932	2,088	363,851,307	78,633	80,734,197	147,093,263	310,502,225
1933	2,226	363,342,078	80,212	74,150,933	148,504,215	300,636,197
1934	2,390	373,098,770	85,131	84,228,834	185,459,720	361,058,212
1935	2,346	382,332,791	94,612	89,934,540	201,022,033	383,547,972
Toronto.....1930	2,320	524,161,983	94,745	121,221,281	253,974,080	521,540,080
1932	2,370	417,748,359	76,652	88,204,053	147,910,861	323,326,758
1933	2,604	388,995,096	75,645	80,855,883	146,286,472	308,983,639
1934	2,627	392,080,083	81,629	89,569,170	174,820,861	357,706,747
1935	2,689	396,898,652	86,226	97,144,947	190,370,255	385,883,465
Hamilton.....1930	439	214,227,256	31,053	39,661,672	75,785,992	166,010,535
1932	445	176,981,408	21,733	23,378,011	34,372,679	83,068,855
1933	469	171,025,714	21,524	21,523,337	35,672,272	83,530,255
1934	494	174,755,759	24,072	25,772,958	44,548,853	100,272,872
1935	484	176,246,963	26,760	30,162,244	53,740,074	114,691,789
Winnipeg.....1930	519	123,781,546	19,749	25,844,816	45,720,081	94,407,201
1932	559	70,201,107	16,119	17,420,358	26,989,727	56,415,256
1933	600	73,886,398	15,336	15,155,537	28,355,612	59,287,280
1934	612	75,513,530	15,745	15,985,206	31,761,326	60,890,444
1935	616	71,837,683	16,649	17,568,803	36,825,174	67,217,042
Vancouver.....1930	681	128,684,602	16,068	20,874,524	45,730,258	90,075,000
1932	717	78,670,170	11,851	12,506,703	26,970,638	54,532,851
1933	746	74,209,271	12,094	11,754,124	28,588,106	55,160,883
1934	773	84,254,515	13,206	13,595,812	34,258,919	63,475,103
1935	811	83,594,899	15,683	16,789,590	39,863,397	73,981,872

¹ Net value is derived by deducting cost of materials, fuel, and electricity from the gross value of products. For cost of fuel and electricity see Table 38.

38.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1935.

NOTE.—Statistics in this table do not include central electric stations.

Municipality.	Estab- lish- ments	Capital Invested.	Total Em- ployees.	Total Salaries and Wages.	Cost of Fuel and Electricity.	Cost of Materials Used.	Gross Value of Production.
	No.	\$	No.	\$	\$	\$	\$
Prince Edward Island— Charlottetown.....	36	1,268,770	388	315,871	31,239	783,833	1,433,920
Nova Scotia— Sydney.....	30	23,568,939	1,899	2,586,198	1,408,806	5,953,662	11,610,575
Halifax.....	102	12,306,061	2,972	3,077,630	253,878	4,635,555	10,791,529
Dartmouth.....	12	4,652,081	341	428,420	142,473	2,854,299	4,761,628
Liverpool.....	8	10,714,843	606	794,393	644,111	1,242,218	4,014,323
Truro.....	27	3,350,821	970	690,919	49,185	1,456,284	2,860,645
Trenton.....	3	7,535,284	605	585,886	141,495	1,290,459	2,328,857
Yarmouth.....	32	2,413,039	500	364,858	64,441	786,894	1,625,303
New Glasgow.....	25	1,831,046	508	462,022	89,284	503,868	1,399,980
Amherst.....	27	3,285,362	490	500,555	57,550	597,874	1,297,056

38.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1935—continued.

NOTE.—Statistics in this table do not include central electric stations.

Municipality.	Establishments	Capital Invested.	Total Employees.	Total Salaries and Wages.	Cost of Fuel and Electricity.	Cost of Materials Used.	Gross Value of Production.
	No.	\$	No.	\$	\$	\$	\$
New Brunswick—							
Saint John.....	141	10,568,144	2,966	2,918,894	356,900	8,927,946	15,570,709
Moncton.....	44	8,310,217	2,009	1,912,622	155,607	3,012,719	5,445,520
Edmundston.....	10	5,996,727	472	450,843	415,771	1,216,551	3,371,895
Barbours.....	13	5,306,881	420	471,019	241,845	655,836	1,939,445
St. Stephen.....	15	2,280,736	542	437,945	40,844	951,689	1,844,539
Milltown.....	3	2,966,517	647	495,938	33,998	679,709	1,467,136
Fredericton.....	27	1,311,670	389	314,876	32,186	534,900	1,081,177
Quebec—							
Montreal.....	2,346	382,332,791	94,612	89,934,540	6,629,070	201,022,033	383,547,972
Montreal East.....	11	40,176,067	1,627	2,099,253	1,324,687	34,347,750	43,519,874
Quebec.....	306	45,485,413	8,815	7,632,737	1,507,692	11,937,885	27,158,899
Three Rivers.....	54	49,871,807	5,090	4,904,767	2,869,078	8,248,964	22,328,837
La Salle.....	10	21,562,641	1,219	1,457,375	739,701	4,701,365	14,285,591
Demondville.....	25	18,493,977	4,114	3,740,619	577,231	4,557,423	13,687,707
Shawbrooke.....	71	19,926,817	4,372	3,090,175	330,634	4,909,072	11,871,647
St. Hyacinthe.....	27	39,813,840	2,370	2,674,483	1,797,972	6,001,150	11,854,406
Hull.....	55	10,319,305	3,586	2,359,840	261,662	6,001,773	10,342,180
Magog.....	45	14,277,691	2,305	2,226,674	523,040	4,737,553	9,608,782
Granby.....	18	7,297,000	1,718	1,310,200	230,814	7,221,138	9,550,869
St. Jean.....	33	11,264,177	2,861	2,171,103	153,995	4,009,578	9,044,769
La Prairie.....	41	10,157,178	2,662	2,271,539	233,531	3,994,790	8,609,902
Valleyfield.....	37	17,115,611	2,014	2,548,474	203,524	3,047,095	7,567,774
St. Jérôme.....	30	10,528,509	2,885	1,845,250	219,156	3,761,310	7,164,088
Grond-Mercé.....	30	7,470,802	1,916	1,400,596	124,663	2,277,522	6,408,348
La Pique.....	14	16,144,367	1,415	1,474,623	601,220	1,969,738	4,803,643
Kemagami.....	12	11,587,018	751	859,890	353,092	2,108,531	4,616,205
Béllevue.....	7	15,379,425	890	1,210,389	635,332	1,839,918	4,578,683
Beloeil.....	10	2,261,539	408	528,686	65,562	1,474,202	3,018,660
Lincolnton.....	13	2,458,697	1,197	754,997	93,902	1,785,741	2,976,438
Packham.....	11	9,984,057	513	662,075	528,701	1,055,729	2,739,090
Westmount.....	9	1,566,056	747	884,292	83,029	884,285	2,705,911
Terrebonne.....	15	4,029,109	622	485,775	84,527	1,248,867	2,193,947
Brownsville.....	6	1,611,265	654	702,665	23,601	828,443	2,424,989
Windsor.....	9	5,488,701	562	338,690	170,778	789,776	2,362,057
East Angus.....	8	5,953,374	565	606,453	404,153	1,168,200	2,348,636
Cowansville.....	10	2,609,135	912	655,064	46,557	1,013,790	2,307,849
Dolbeau.....	5	10,597,976	269	439,615	531,201	707,525	2,285,523
Joliette.....	43	1,969,434	872	563,281	84,339	1,087,556	2,249,013
Port Alfred.....	3	19,440,637	344	480,902	584,015	656,612	2,224,624
Victoriaville.....	24	2,315,117	1,167	806,938	48,850	807,568	2,186,138
Laclaire.....	9	3,216,514	526	421,777	19,116	850,521	2,117,902
Verdun.....	23	1,608,086	881	625,213	78,879	778,124	1,702,984
Outremont.....	8	1,673,175	376	399,249	18,834	779,105	1,665,178
Montmagny.....	16	2,575,980	760	431,821	33,017	783,551	1,632,297
Coaticook.....	21	2,248,641	628	337,186	31,203	941,491	1,621,491
Beauharnois.....	8	2,172,022	402	406,660	81,438	563,238	1,476,459
Cap de la Madeleine.....	11	950,384	435	263,911	19,820	809,879	1,298,291
Plessisville.....	14	1,097,562	370	232,782	19,576	707,839	1,274,884
Sorel.....	19	1,054,828	590	402,232	42,756	361,529	1,104,098
St. Thérèse.....	18	1,243,796	346	217,452	24,778	387,590	1,048,991
Jonquière.....	12	1,655,922	256	294,725	80,398	561,118	1,021,824
Ontario—							
Toronto.....	2,689	386,898,652	86,226	97,144,947	6,468,339	190,379,255	385,883,455
Hamilton.....	484	176,246,963	26,769	30,162,244	4,438,358	53,740,074	114,691,789
Windsor.....	236	64,298,564	15,227	20,714,545	1,622,006	64,002,711	104,908,167
Oshawa.....	43	22,042,343	5,796	7,498,353	557,271	29,280,574	43,549,374
London.....	251	37,146,164	8,614	9,090,550	662,597	16,680,022	37,613,775
Kitchener.....	159	33,432,626	6,034	7,505,880	536,850	17,198,361	34,929,052
Orillia.....	205	32,584,676	6,633	7,521,645	611,638	9,375,402	23,398,659
Peterborough.....	81	20,088,682	4,515	4,140,800	370,778	12,414,032	23,128,953
Sarnia.....	47	29,138,369	3,459	3,816,221	1,157,373	16,609,100	21,970,254
Brantford.....	116	38,487,900	6,002	5,662,057	521,080	10,168,315	20,248,660
New Toronto.....	19	24,369,145	2,455	3,287,637	475,709	8,623,416	18,686,957
Niagara Falls.....	59	25,734,067	2,893	3,361,554	1,092,462	5,868,916	18,115,465
Cornwall.....	45	23,184,786	4,604	4,344,931	730,855	5,735,050	16,469,153
St. Catharines.....	94	18,063,201	4,226	4,339,910	401,965	7,012,200	15,428,949
Sault Ste. Marie.....	47	39,589,191	2,641	3,638,125	1,328,165	6,962,944	15,544,642

38.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1935—continued.

Municipality.	Estab- lish- ments	Capital Invested.	Total Em- ployees.	Total Salaries and Wages.	Cost of Fuel and Electricity.	Cost of Materials Used.	Gross Value of Production.
No.	\$	No.	\$	\$	\$	\$	\$
Ontario—concluded.							
Welland	42	22,374,768	3,367	3,318,731	850,438	5,831,747	13,457,335
Guelph	88	13,488,191	3,513	3,212,549	299,026	5,510,984	12,121,172
Chatham	56	11,116,987	1,833	1,873,924	269,108	8,264,675	11,603,843
Galt	78	12,450,048	3,599	3,179,457	242,584	4,432,505	10,014,832
Thorold	16	20,885,383	1,369	1,855,264	1,246,447	3,809,999	9,408,981
Woodstock	50	6,176,620	2,194	1,892,367	144,563	3,997,938	7,652,730
Stratford	57	7,840,682	2,360	2,313,880	184,952	4,164,036	7,449,692
Leamington	17	4,378,900	939	732,479	98,071	3,826,404	7,171,605
Simcoe	31	9,144,821	963	803,465	92,661	4,270,170	7,032,938
Leaside	21	6,742,773	1,351	1,626,319	139,370	2,553,318	6,221,235
Waterloo	41	8,526,183	1,173	1,084,883	77,833	1,708,273	5,461,566
Brookville	29	5,026,573	880	822,690	119,263	3,285,883	4,927,909
Preston	30	5,359,388	1,482	1,413,982	92,628	2,549,015	4,889,677
Kapuskasing	6	32,204,322	774	1,223,483	406,560	1,791,001	4,875,531
Port Arthur	28	14,774,804	971	1,309,747	631,221	1,745,797	4,400,776
Tilbury	8	1,083,038	471	484,190	40,418	3,091,500	4,358,802
Chippewa	3	1,126,356	251	351,253	252,445	876,898	4,261,746
Kingston	63	7,947,869	1,236	1,159,094	132,122	2,199,712	4,240,070
Merrittton	8	5,190,946	824	1,057,223	215,974	1,860,227	4,160,438
Owen Sound	54	5,396,084	1,463	1,135,973	81,132	1,905,843	4,085,921
Paris	20	5,110,581	1,151	910,033	91,332	1,749,960	3,643,057
Wallaceburg	17	4,661,596	872	937,966	297,444	1,622,658	3,479,316
Bellefonte	45	6,133,476	1,036	801,781	103,124	1,661,562	3,432,318
Port William	35	15,130,249	744	894,550	505,168	1,339,626	3,409,127
Fort Francis	10	7,619,215	576	764,430	188,640	1,558,951	3,313,187
Newmarket	13	3,336,871	727	705,593	51,464	1,938,823	3,277,049
Ingersoll	21	4,343,422	750	702,988	73,347	1,956,456	3,268,809
Dell	5	940,130	356	253,818	7,323	2,841,956	3,177,743
Goderich	15	1,716,307	289	276,115	198,586	2,172,988	3,032,076
Fergus	12	1,619,595	871	820,743	40,589	1,572,722	2,937,291
Cobourg	25	2,656,640	548	564,228	92,926	1,270,214	2,923,819
St. Thomas	45	3,346,913	951	883,998	76,275	1,197,313	2,881,355
Perth	19	2,842,392	851	847,991	53,384	1,392,524	2,802,749
Trenton	22	3,157,595	613	522,551	153,444	1,423,375	2,776,130
Amherstburg	11	3,035,308	276	390,943	251,695	527,279	2,747,033
Heppeler	16	3,962,842	1,176	918,475	142,552	1,355,217	2,727,942
Brownsville	13	3,035,693	497	506,952	79,872	1,101,272	2,718,550
Kenora	17	10,745,798	420	542,032	551,171	1,577,964	2,711,589
Weston	18	3,320,569	680	756,575	63,634	1,159,581	2,640,772
Port Hope	32	2,050,571	670	708,390	83,979	740,740	2,629,876
Hawkesbury	9	4,420,561	404	540,630	305,036	1,269,159	2,550,119
Brimpton	24	2,269,301	844	827,958	34,655	1,304,533	2,525,925
St. Mary's	19	5,132,405	402	440,500	286,907	1,120,114	2,521,343
Dunnville	20	3,555,677	786	723,873	47,061	1,258,859	2,471,881
Huntsville	12	2,307,390	337	238,652	38,526	1,393,731	2,461,336
Port Credit	3	3,622,233	233	304,774	87,651	1,330,189	2,412,321
Petrolia	11	2,327,669	185	228,538	193,496	1,621,908	2,382,278
Port Erie	31	2,404,245	356	406,680	36,566	1,080,599	2,340,613
Pembroke	37	4,090,360	815	567,485	52,533	1,031,232	2,151,404
Georgetown	12	2,449,890	507	462,263	75,167	1,151,599	2,118,611
Renfrew	19	2,529,173	719	577,458	62,152	1,005,842	2,114,676
Tilsonburg	17	1,357,360	411	337,403	57,652	1,565,759	2,101,050
Orillia	32	2,345,874	605	552,807	37,224	1,087,998	1,996,081
Sudbury	35	2,500,920	471	489,967	46,090	842,180	1,975,260
Barrie	19	1,109,455	366	320,921	31,864	1,372,713	1,943,301
Hanover	16	2,812,691	654	514,188	42,878	950,428	1,835,957
Aurora	8	1,178,515	410	400,406	24,655	1,049,368	1,800,948
Lindsay	31	1,670,350	505	429,618	63,104	836,164	1,794,536
Aylmer	11	1,102,349	183	183,146	36,111	876,767	1,627,003
Dundas	22	3,108,796	553	556,240	38,842	724,487	1,628,785
Carleton Place	14	1,551,872	693	537,907	55,640	680,853	1,507,530
Midland	14	1,453,960	235	171,872	20,868	1,225,862	1,447,698
Camanoque	26	2,113,646	304	334,885	48,402	520,154	1,142,193
Smith's Falls	21	2,172,529	483	462,929	45,852	660,037	1,361,611
Burlington	11	1,417,826	282	225,508	23,616	785,191	1,361,250
Chertsville	4	601,267	65	62,740	24,691	828,351	1,342,994
Humbertstone	4	708,876	398	338,740	4,379	850,885	1,311,739
Oakville	18	1,149,243	395	367,146	24,405	571,067	1,277,278
Grimsbay	16	1,539,285	381	256,531	16,599	630,823	1,243,993
Elmira	16	3,029,653	413	368,046	29,389	523,458	1,197,335
Strathroy	15	1,186,393	309	221,572	23,003	764,298	1,190,333
Arnprior	16	1,958,643	227	267,415	34,416	374,505	1,117,083
Listowel	14	568,758	313	231,671	34,876	584,294	1,060,232
Timmins	22	1,216,651	246	224,610	25,025	438,995	1,000,607

38.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1935—concluded.

Municipality.	Estab-lish-ments	Capital Invested.	Total Em-ployees.	Total Salaries and Wages.	Cost of Fuel and Electricity	Cost of Materials Used.	Gross Value of Production.
	No.	\$	No.	\$	\$	\$	\$
Manitoba—							
Winnipeg.....	616	71,837,683	16,649	17,568,803	1,354,492	36,825,174	67,217,042
St. Boniface.....	44	10,685,679	1,553	1,812,401	213,055	14,113,277	19,691,474
Transcona.....	3	6,325,022	1,409	1,643,129	185,779	2,584,439	4,681,967
Solkirk.....	8	1,820,561	336	419,667	139,411	557,060	1,401,398
Portage la Prairie.....	7	561,856	100	89,369	31,077	1,074,443	1,397,501
Saskatchewan—							
Moose Jaw.....	39	13,017,077	937	980,203	268,181	8,656,054	12,027,156
Saskatoon.....	72	7,182,566	1,189	1,353,813	209,938	6,418,024	10,149,529
Regina.....	99	10,053,783	1,660	1,918,908	284,862	4,986,254	8,866,985
Prince Albert.....	23	1,952,160	386	393,543	58,869	1,939,008	2,826,354
Alberta—							
Calgary.....	164	28,209,532	4,208	4,642,942	527,442	16,368,181	25,823,804
Edmonton.....	162	17,462,756	3,825	4,181,126	291,443	13,733,441	21,755,617
Medicine Hat.....	20	5,361,194	464	476,532	43,819	3,612,285	5,087,496
Lethbridge.....	27	1,665,899	327	393,272	38,304	900,682	2,335,329
British Columbia—							
Vancouver.....	811	83,954,899	15,683	16,789,590	1,100,096	39,863,397	73,981,872
New Westminster.....	77	11,702,099	2,275	2,251,927	167,408	7,224,116	12,349,255
Victoria.....	133	10,337,048	2,062	2,222,224	182,148	2,499,304	5,566,104
North Vancouver.....	21	4,079,936	490	504,350	64,098	1,100,665	2,531,552
Prince Rupert.....	19	4,554,040	242	343,568	34,269	962,211	1,678,970
Port Alberni.....	8	1,585,583	295	397,076	1,779	834,310	1,540,436
Nelson.....	25	1,529,947	309	337,700	25,131	463,685	1,071,948
Kelowna.....	26	1,041,710	344	268,617	15,637	511,367	1,015,499

NOTE.—Net value is derived by deducting the cost of materials, fuel, and electricity from the gross value of products.

39.—Principal Statistics by Counties and Census Divisions, 1935.

NOTE.—Statistics in this table do not include central electric stations.

County.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Value of Products.
	No.	\$	No.	\$	\$	\$
Prince Edward Island—						
Kings.....	65	291,769	246	82,800	323,587	401,919
Prince.....	84	569,881	260	115,876	513,356	773,700
Queens.....	100	1,486,630	543	360,380	1,057,466	1,811,660
Total.....	249	2,348,280	1,049	559,056	1,894,409	3,077,279
Nova Scotia—						
Annapolis.....	47	962,731	331	182,441	375,299	787,685
Antigonish.....	20	105,875	109	51,511	185,562	291,166
Cape Breton.....	88	24,505,338	2,207	2,783,351	6,380,953	12,492,527
Colchester.....	78	3,922,270	1,319	852,964	2,021,220	3,782,429
Cumberland.....	92	4,517,521	967	753,902	1,163,077	2,348,597
Duchy.....	86	551,720	398	149,405	460,082	730,309
Guysboro.....	45	475,524	221	69,504	252,211	377,882
Halifax.....	182	23,100,232	4,125	4,383,945	12,614,117	24,017,786
Hants.....	69	2,196,790	603	370,727	900,752	1,664,005
Inverness.....	68	163,273	178	39,246	158,316	236,601
Kings.....	86	1,134,860	479	243,263	623,086	1,123,912
Lunenburg.....	136	1,695,933	783	409,622	889,233	1,633,642
Pictou.....	87	10,081,845	1,520	1,245,889	2,530,431	4,937,924
Queens.....	28	11,209,222	835	919,642	1,392,320	4,330,038
Richmond.....	21	44,409	65	11,935	41,809	63,357
Shelburne.....	53	786,438	388	223,039	696,140	1,251,502
Victoria.....	28	57,935	79	15,045	65,465	102,017
Yarmouth.....	66	2,561,076	615	412,764	892,121	1,841,340
Total.....	1,274	88,072,992	15,222	13,118,255	31,647,800	62,012,719

39.—Principal Statistics by Counties and Census Divisions, 1935—continued.

County.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Value of Products.
	No.	\$	No.	\$	\$	\$
New Brunswick—						
Albert.....	18	573,051	158	96,517	338,610	681,347
Carleton.....	44	755,470	185	105,983	292,403	526,313
Charlotte.....	72	7,037,057	1,545	1,145,740	2,590,119	5,034,474
Gloucester.....	95	5,616,557	669	511,498	877,252	2,257,400
Kent.....	38	261,697	192	59,638	250,817	358,163
Kings.....	48	655,424	261	147,887	583,981	1,064,745
Madawaska.....	28	6,648,986	641	528,250	1,450,454	3,719,030
Northumberland.....	52	2,502,063	662	295,195	1,036,474	1,476,134
Queens.....	14	352,195	103	68,825	180,663	292,359
Restigouche.....	49	23,680,775	1,461	1,512,284	2,659,202	9,287,823
St. John.....	159	21,583,538	3,503	3,421,378	9,955,936	17,844,809
Sunbury.....	9	236,680	89	55,013	126,461	216,074
Victoria.....	25	815,322	250	127,702	271,157	418,573
Westmoreland.....	106	8,632,471	2,698	2,411,816	3,794,819	7,245,364
York.....	77	3,974,472	1,048	711,472	1,243,023	2,687,903
Total.....	834	52,325,758	13,465	11,199,696	25,551,371	53,110,511
Quebec—						
Abitibi.....	32	199,136	82	44,155	222,919	302,779
Argenteuil.....	51	7,174,676	1,554	1,409,279	2,377,934	5,753,992
Beauharnois.....	114	3,836,354	1,677	1,083,406	1,791,355	3,691,720
Bagot.....	61	1,470,049	548	293,902	1,058,409	1,716,987
Beauce.....	152	1,694,134	1,273	539,786	1,358,756	2,312,091
Beauharnois.....	50	12,771,724	3,309	2,261,436	4,422,621	8,760,247
Bellechasse.....	77	257,269	110	31,477	127,722	294,749
Berthier.....	74	6,533,446	483	262,594	821,065	1,552,151
Bonaventure.....	72	423,484	227	73,766	260,326	423,857
Brome.....	33	481,442	159	106,424	621,637	870,137
Chambly.....	31	2,438,917	953	814,314	1,214,281	2,721,810
Champlain.....	162	29,563,817	3,088	2,516,352	5,721,259	11,971,342
Charlesvoix.....	71	809,717	149	69,853	168,925	259,700
Chateauguay.....	28	335,600	150	60,759	456,828	629,981
Chicoutimi.....	139	50,056,737	2,493	2,976,786	9,370,660	18,082,473
Compton.....	67	9,966,560	1,397	1,288,638	2,374,850	4,638,842
Deux Montagnes.....	34	284,332	97	48,729	258,106	375,115
Dorchester.....	109	907,511	260	115,804	676,724	975,615
Drummond.....	73	19,354,130	4,282	3,834,711	5,149,091	14,670,271
Frontenac.....	75	880,692	487	219,673	653,520	993,662
Gaspé.....	139	557,331	558	163,430	545,262	843,576
Hull.....	92	37,891,489	3,346	3,581,621	6,785,471	17,951,965
Huntingdon.....	32	409,957	141	103,389	558,312	832,059
Iberville.....	28	414,975	116	64,553	386,128	554,511
Joliette.....	109	5,050,138	1,326	867,820	2,001,996	3,904,178
Kamouraska.....	82	426,662	250	81,496	400,618	560,352
Labelle.....	73	604,931	184	84,540	453,630	687,863
Lac St. Jean.....	193	20,326,010	1,021	1,115,573	2,410,116	5,514,244
Laprairie.....	23	3,753,467	391	312,648	761,315	1,411,611
L'Assomption.....	46	654,104	327	148,480	385,243	662,756
Levis.....	66	3,212,236	802	562,454	1,101,868	1,991,011
L'Islet.....	79	792,887	245	151,282	289,185	640,805
Lotbinière.....	84	632,668	373	158,815	791,113	1,055,171
Maskinonge.....	81	2,784,141	1,314	796,396	2,099,516	3,394,866
Matane.....	126	1,775,515	944	464,898	1,097,902	1,808,107
Megantic.....	95	1,746,086	674	371,983	1,290,469	2,154,677
Missisquoi.....	52	8,051,619	2,064	1,547,020	2,621,377	6,131,754
Montcalm.....	57	545,632	206	75,279	409,623	589,890
Montmagny.....	65	4,639,783	1,004	627,511	1,060,637	2,384,098
Montmorency.....	47	1,265,581	118	53,681	118,517	233,628
Montreal and Jesus Islands.....	2,488	471,069,686	102,112	98,506,709	246,436,507	456,425,998
Napierville.....	13	772,188	191	92,210	716,810	1,151,865
Nicolet.....	109	903,096	347	157,844	1,044,961	1,423,961
Papineau.....	77	10,762,162	729	759,263	1,671,842	3,539,313
Pontiac.....	26	310,483	98	49,577	320,693	464,178
Portneuf.....	214	9,595,324	1,284	935,888	2,055,646	4,697,022
Quebec.....	363	50,921,097	10,667	8,962,942	14,715,178	32,631,790
Richelieu.....	68	2,770,810	1,440	1,039,907	1,048,411	2,536,728
Richmond.....	62	12,757,690	1,319	1,034,144	2,415,558	5,136,428
Rimouski.....	94	1,171,575	514	295,612	632,393	1,112,687
Rouville.....	48	1,149,089	557	275,508	951,301	1,545,943
Saguenay.....	90	2,521,472	506	373,907	667,722	1,299,300
Shefford.....	93	12,697,736	3,412	2,537,822	5,230,947	10,988,085

39.—Principal Statistics by Counties and Census Divisions, 1935—continued.

County.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Value of Production.
	No.	\$	No.	\$	\$	\$
Quebec—concluded.						
Sherbrooke.....	88	20,572,454	4,529	4,137,798	5,239,320	12,430,453
Soulanges.....	22	212,800	60	29,398	234,193	332,295
Stanstead.....	80	11,180,190	2,956	2,066,317	9,146,759	13,028,186
St. Hyacinthe.....	99	10,616,396	3,743	2,415,736	6,383,346	10,848,466
St. Jean.....	48	10,402,576	2,750	2,309,057	4,202,523	8,902,502
St. Maurice.....	129	88,960,648	7,457	7,501,503	13,045,789	33,977,934
Temiskaming.....	31	31,603,728	1,183	1,616,781	9,473,089	19,922,923
Temiscouata.....	162	2,889,783	802	498,505	1,273,347	2,028,357
Terrebonne.....	125	11,915,431	2,948	2,136,927	3,927,534	9,475,484
Vaudreuil.....	20	181,355	63	32,975	172,112	229,766
Verchères.....	42	2,725,207	739	701,386	1,949,496	3,784,122
Wolfe.....	82	476,504	199	75,636	423,254	589,831
Yamaska.....	61	251,459	109	34,699	422,683	503,386
Total.....	7,907	1,020,371,884	188,906	167,962,964	398,566,702	773,212,246
Ontario—						
Addington.....	14	493,758	80	50,568	218,695	471,710
Algoma.....	96	41,230,419	2,888	3,207,123	6,510,154	14,496,345
Brant.....	157	43,817,311	7,224	6,623,701	12,319,632	24,477,745
Bruce.....	149	5,758,915	1,582	1,091,969	2,902,342	4,900,614
Carleton.....	288	33,549,556	6,940	7,746,620	10,151,014	24,578,513
Cochrane.....	66	65,212,734	2,448	3,385,751	5,310,634	13,292,847
Dufferin.....	42	903,391	257	155,608	759,886	1,102,643
Dundas.....	78	1,308,013	311	244,338	1,784,829	2,723,018
Durham.....	76	5,307,057	1,265	1,280,081	2,266,156	5,948,626
Elgin.....	100	5,005,211	1,335	1,183,361	2,825,649	5,547,765
Essex.....	328	76,716,030	17,637	22,866,660	73,270,810	122,049,272
Frontenac.....	137	8,476,116	1,393	1,233,798	2,974,514	5,216,888
Glengarry.....	86	410,555	194	89,313	694,835	870,547
Grenville.....	59	5,396,840	662	733,609	2,340,272	4,238,734
Grey.....	183	10,080,437	2,775	2,063,505	4,621,106	8,583,046
Haldimand.....	68	4,268,507	954	850,937	2,170,732	3,837,495
Haliburton.....	10	119,190	86	45,183	69,794	242,586
Halton.....	85	7,598,734	1,679	1,383,390	3,138,180	6,115,320
Hastings.....	203	21,235,054	2,615	1,987,409	6,168,400	11,879,905
Huron.....	151	4,117,346	1,008	768,004	4,402,832	6,427,244
Kenora.....	45	19,980,204	944	1,078,797	7,440,710	10,634,322
Kent.....	126	16,556,870	2,933	2,965,829	10,379,023	15,949,445
Lambton.....	125	23,706,597	3,723	4,289,530	19,294,330	26,047,903
Lanark.....	123	7,812,174	2,457	2,147,667	3,509,380	6,941,284
Leeds.....	143	7,540,184	1,359	1,232,586	4,548,938	6,063,527
Lennox.....	56	1,336,341	386	278,221	844,561	1,438,068
Lincoln.....	163	27,241,266	5,965	6,090,569	10,567,188	22,768,809
Manitowlin.....	14	64,265	36	19,607	28,405	62,175
Middlesex.....	348	39,132,067	9,181	9,471,446	18,884,286	40,656,084
Muskoka.....	53	3,522,531	700	526,675	1,698,751	3,271,258
Nipissing.....	48	8,584,067	774	835,312	2,461,439	4,452,086
Norfolk.....	85	10,921,033	1,561	1,253,502	7,783,512	11,171,337
Northumberland.....	138	4,825,487	1,188	934,077	2,765,794	5,431,864
Ontario.....	110	24,032,756	6,235	7,837,314	29,254,204	45,240,968
Oxford.....	174	14,397,265	3,924	3,304,385	10,168,497	16,873,532
Parry Sound.....	72	2,991,548	723	603,998	1,419,609	3,037,637
Peel.....	66	8,608,008	1,436	1,422,901	3,840,553	6,733,981
Perth.....	165	14,331,627	3,292	3,135,656	7,240,205	12,797,804
Peterborough.....	130	20,314,371	4,626	4,190,751	12,785,606	23,615,293
Prescott.....	112	4,799,419	648	614,384	2,068,295	3,509,054
Prince Edward.....	64	2,622,787	572	259,995	1,303,044	2,085,860
Rainy River.....	29	7,940,871	675	849,038	1,701,301	3,554,659
Renfrew.....	148	11,177,450	2,225	1,714,631	3,503,336	7,442,355
Russell.....	73	500,899	162	83,010	649,736	830,516
Simcoe.....	191	9,967,632	1,876	1,561,540	5,278,554	8,028,059
Stormont.....	103	24,968,679	4,890	4,609,412	7,045,331	18,546,323
Sudbury.....	65	56,586,088	4,004	5,497,095	39,662,486	68,423,241
Thunder Bay.....	97	30,744,550	1,851	2,286,548	3,200,811	8,062,902
Timiskaming.....	66	1,562,922	420	378,435	694,690	1,291,423
Victoria.....	82	2,353,265	747	589,460	1,411,280	2,662,677
Waterloo.....	420	69,399,006	16,526	14,974,516	30,082,663	62,909,156
Welland.....	207	104,461,031	10,173	11,628,174	50,881,516	96,320,809
Wellington.....	182	16,912,530	4,908	4,399,464	8,681,274	17,455,873
Wentworth.....	543	183,526,746	27,594	31,046,115	55,194,447	117,422,521
York.....	2,873	428,052,622	92,748	104,364,775	207,287,205	420,393,711
Total.....	9,815	1,552,482,332	274,810	293,466,299	718,570,816	1,376,027,379

39.—Principal Statistics by Counties and Census Divisions, 1935—concluded.

Division	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Value of Products.
	No.	\$	No.	\$	\$	\$
Manitoba—						
Division Number 1.....	24	145,166	60	28,054	311,107	397,784
2.....	27	272,396	80	50,610	408,504	562,369
3.....	25	440,313	71	38,223	317,757	481,158
4.....	10	99,796	19	16,839	60,573	98,050
5.....	21	16,538,348	1,639	1,836,617	2,920,816	5,395,835
6.....	686	89,143,215	18,483	19,599,675	52,417,554	89,396,236
7.....	49	1,436,877	281	256,538	540,943	1,000,496
8.....	16	174,592	47	36,404	244,278	340,644
9.....	24	2,387,672	469	542,141	795,782	1,860,136
10.....	17	252,795	72	53,023	250,703	353,006
11.....	25	202,229	72	47,870	329,996	452,444
12.....	26	175,536	77	38,278	402,994	535,301
13.....	29	343,676	101	63,862	339,052	533,055
14.....	27	106,911	54	20,729	156,294	217,337
15.....	20	194,786	47	22,085	118,855	186,257
16.....	32	5,975,422	459	462,504	8,314,562	9,188,356
Total.....	1,658	117,889,130	22,631	23,112,452	67,923,760	111,004,474
Saskatchewan—						
Division Number 1.....	29	735,856	64	49,671	192,291	323,498
2.....	19	832,461	106	100,288	203,011	443,232
3.....	15	87,628	20	8,334	26,603	44,759
4.....	9	80,547	19	12,312	37,902	63,520
5.....	27	273,115	83	60,964	563,843	739,347
6.....	121	10,146,804	1,693	1,940,123	5,019,380	8,935,610
7.....	50	13,712,643	960	992,980	8,698,604	12,093,446
8.....	23	523,538	106	84,766	357,846	550,763
9.....	35	706,571	131	97,350	479,998	762,103
10.....	21	173,035	42	25,940	229,444	311,363
11.....	99	7,450,189	1,241	1,392,004	6,591,426	10,405,706
12.....	31	366,745	72	53,593	313,722	494,938
13.....	29	212,963	61	37,840	154,612	243,395
14.....	70	831,034	354	197,198	563,228	945,884
15.....	67	2,574,437	510	457,209	2,250,644	3,286,753
16.....	46	505,463	165	118,153	429,394	710,340
17.....	44	155,958	93	34,159	170,592	270,382
18.....	20	1,235,270	83	66,218	1,765,681	1,819,090
Total.....	755	40,694,227	5,863	5,739,627	28,916,921	42,141,697
Alberta—						
Division Number 1.....	28	6,597,517	621	661,753	4,986,943	7,300,481
2.....	55	6,198,961	705	773,877	2,430,415	4,902,956
3.....	11	1,623,326	244	229,359	385,261	889,373
4.....	23	351,012	49	33,169	109,836	180,396
5.....	11	57,939	24	14,070	102,868	148,260
6.....	209	33,094,414	4,389	4,896,717	16,753,710	26,791,229
7.....	39	435,259	103	88,048	553,859	771,625
8.....	68	1,036,929	260	237,196	1,501,021	2,088,670
9.....	50	498,443	269	133,177	305,627	522,047
10.....	32	303,571	76	62,283	613,861	834,276
11.....	208	18,044,383	3,993	4,282,031	14,345,978	22,620,102
12.....	29	195,867	164	69,256	101,217	267,713
13.....	21	125,001	42	21,218	134,559	194,497
14.....	54	174,325	91	34,136	249,836	365,725
15.....	39	413,134	336	160,529	159,324	421,703
16.....	46	203,766	136	53,452	103,646	291,316
17.....	3	4,975	7	2,408	2,055	5,256
Total.....	926	69,218,822	11,569	11,662,679	42,831,636	68,565,635
British Columbia—						
Division Number 1.....	35	2,911,551	721	750,502	899,138	2,003,725
2.....	91	46,773,218	4,069	5,257,605	20,953,643	28,644,891
3.....	101	2,858,293	934	765,349	1,393,137	2,814,461
4.....	1,041	117,254,152	21,750	22,974,203	60,620,558	107,980,039
5.....	287	30,077,008	5,871	5,981,851	10,322,807	21,709,385
6.....	38	766,727	284	208,939	425,671	870,703
7.....	18	46,558,053	2,420	3,473,780	5,991,465	14,543,634
8.....	49	1,445,764	417	321,376	371,344	780,301
9.....	64	15,929,703	1,071	1,209,844	4,893,651	7,385,966
10.....	3	33,100	7	2,811	1,674	10,274
Yukon.....	5	159,701	28	48,221	20,750	84,761
Total.....	1,732	264,767,260	37,572	40,985,481	105,815,738	186,828,140

APPENDIX I.

Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Winnipeg and Vancouver, 1935.¹

MONTREAL.

Industry.	Estab-lish-ments.	Capital Invested.	Em-ployees.	Salaries and Wages.	Cost of Materials Used.	Gros Value of Products.
	No.	\$	No.	\$	\$	\$
Clothing, factory, women's.....	305	12,654,673	10,144	8,133,076	19,123,466	31,882,324
Tobacco, cigars and cigarettes....	43	41,282,068	5,326	4,813,681	14,565,604	28,310,391
Slaughtering and meat packing....	21	7,535,887	1,536	1,723,954	15,817,451	18,635,959
Railway rolling stock.....	7	30,080,685	6,635	7,479,418	8,448,595	16,392,831
Clothing, factory, men's.....	93	6,173,071	3,203	3,039,273	10,170,105	17,132,938
Breweries.....	6	17,098,842	1,340	1,911,204	5,547,400	13,088,041
Electrical apparatus and supplies..	21	18,379,815	3,702	4,620,359	5,098,303	12,247,029
Leather boots and shoes.....	59	7,142,747	4,913	3,656,624	5,681,887	11,031,359
Biscuits, confectionery, cocoa and chocolate.....	36	7,874,246	2,630	2,213,727	5,134,459	10,028,010
Flour and feed mills.....	3	3,769,590	459	644,822	8,370,809	9,825,029
Printing and publishing.....	24	10,201,899	2,926	4,000,850	2,080,252	9,706,326
Cotton yarn and cloth.....	4	10,616,169	1,928	1,689,796	4,991,638	8,983,959
Sheet metal products.....	17	11,830,134	1,800	1,745,764	4,854,040	8,396,619
Butter and cheese.....	13	5,657,201	1,483	1,867,772	3,787,251	7,506,332
Bread and other bakery products..	147	4,815,069	2,376	2,154,517	3,544,240	7,211,425
Paints, pigments and varnishes.....	19	10,086,490	1,041	1,492,231	3,563,730	7,152,368
Printing and bookbinding.....	236	7,768,018	2,582	2,793,083	2,205,439	6,024,445
Coffee, tea and spices.....	15	2,662,828	454	537,768	4,317,404	6,517,118
Men's furnishing goods.....	49	4,494,774	2,431	1,629,023	3,855,608	6,450,241
Petroleum products.....	3	6,383,971	115	266,755	5,025,750	6,121,154
Brass and copper products.....	22	7,338,200	1,083	1,143,120	3,857,061	5,735,048
Medicinal and pharmaceutical preparations.....	48	6,013,475	3,993	1,190,956	1,790,040	5,161,576
Fur goods.....	84	4,027,420	991	1,081,635	3,273,050	4,933,311
Castings and forgings.....	17	10,715,080	1,299	1,326,578	1,881,931	4,576,046
Aerated and mineral waters.....	34	3,369,198	667	743,455	1,044,153	4,555,505
Hats and caps.....	65	2,313,740	1,657	1,420,442	2,163,508	4,522,868
Boxes and bags, paper.....	20	4,499,724	1,232	1,120,445	2,298,842	4,422,283
Miscellaneous textiles.....	3	5,891,583	709	912,614	1,718,871	4,355,215
Glass products.....	12	5,683,471	996	1,094,420	938,922	3,270,562
Hardware and tools.....	18	4,279,572	727	760,130	1,069,806	3,109,420
Primary iron and steel.....	5	9,097,033	1,348	1,258,101	1,292,682	2,997,856
Hosiery and knitted goods.....	25	2,536,808	1,217	827,101	1,642,450	2,985,305
Dyeing, cleaning and laundry work	42	4,225,686	2,091	1,539,983	357,590	2,961,668
Cotton thread.....	3	2,164,485	499	438,168	1,100,181	2,898,129
Cotton and jute bags.....	8	1,637,438	328	294,138	2,078,188	2,612,693
Miscellaneous foods.....	27	1,708,010	472	503,162	1,256,574	2,534,492
Mattresses and springs.....	6	2,419,442	576	641,730	1,216,525	2,210,707
Fruit and vegetable preparations..	18	1,870,034	558	444,660	1,324,436	2,153,569
Rubber goods, including footwear..	3	4,316,700	519	511,595	948,517	2,134,900
Wire and wire goods.....	12	3,359,875	364	384,891	381,173	2,121,194
Furniture.....	58	2,171,159	965	727,597	831,497	2,066,475
Toilet preparations.....	18	1,423,322	350	331,873	666,973	1,954,052
Linseed oil and oilcake.....	3	1,088,022	98	125,313	1,469,789	1,846,585
Soaps and washing compounds.....	30	1,527,310	336	413,765	833,069	1,821,328
White metal alloys.....	11	1,124,751	144	189,872	1,299,352	1,764,161
Machinery.....	20	4,389,504	644	798,542	733,919	2,120,103
Miscellaneous leather goods.....	25	1,003,876	687	462,950	903,188	1,660,419
Miscellaneous paper products.....	23	2,273,136	442	515,610	669,657	1,625,595
Lithographing.....	7	1,681,311	433	596,199	748,840	1,476,724
Jewellery and silverware.....	31	992,715	501	487,003	642,671	1,393,035
Shipbuilding and repairs.....	3	4,409,507	442	564,527	420,542	1,296,952
Boilers, tanks and engines.....	8	1,812,174	391	403,989	425,025	1,233,013
Clothing contractors.....	91	360,827	1,533	980,690	67,477	1,218,777
Cotton textiles, n.e.s.....	19	1,056,797	374	292,293	688,403	1,191,843
Leather gloves and mittens.....	10	807,156	542	386,419	576,086	1,152,499
Distilleries.....	3	1,526,450	77	139,796	376,072	982,368
Planing mills, sash and door fac-tories.....	20	1,740,767	384	820,448	482,140	971,238
Engraving, stereotyping and elec-trotyping.....	19	918,224	388	520,526	133,856	867,274
Lasts, trees and shoe findings.....	5	670,115	377	362,931	249,391	784,494
Fur dressing and dyeing.....	4	452,326	414	368,294	138,835	700,860
Sausage and sausage casings.....	16	398,058	145	165,633	382,127	692,936

¹ Statistics of cities and towns do not include central electric stations.

Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Winnipeg and Vancouver, 1935—continued.

MONTREAL—concluded

Industry.	Estab- lish- ments.	Capital Invested.	Em- ployees.	Salaries and Wages.	Cost of Materials Used.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
Iron and steel products, n.e.s.....	31	593,000	285	243,857	364,872	679,268
Leather tanneries.....	5	756,981	183	159,126	415,972	678,161
Compressed gases.....	4	939,043	89	122,490	74,116	632,349
Stock and poultry foods.....	5	505,748	57	67,383	441,664	556,454
Wooden boxes.....	5	693,290	246	174,123	218,103	484,342
Brooms, brushes and mops.....	21	470,214	326	178,808	235,411	464,110
Dairy products, n.e.s.....	4	494,115	74	89,222	150,700	441,264
Electric signs.....	6	1,044,818	147	180,741	74,406	428,264
Adhesives.....	5	401,127	64	83,351	180,182	396,044
Buttons.....	7	266,777	204	136,979	159,893	396,411
Asbestos products.....	3	762,502	152	132,427	218,589	395,557
Oiled and waterproof clothing.....	7	178,915	103	82,438	235,512	373,210
Leather belting.....	5	419,514	77	88,205	179,770	364,554
Polishes and dressings.....	7	466,083	61	64,374	194,133	345,172
Cotton and wool waste.....	5	185,791	80	66,477	207,439	330,007
Corsets.....	3	177,003	108	90,045	169,538	326,105
Miscellaneous chemical products.....	13	318,327	64	86,499	138,558	301,047
Monumental and ornamental stone.....	11	496,084	120	132,806	98,074	292,646
Inks, printing and writing.....	6	203,340	64	76,477	67,126	250,975
Dyeing and finishing of textiles.....	5	270,088	70	71,944	55,775	250,428
Cement products.....	12	677,533	108	103,005	63,616	228,091
Leather boot and shoe findings.....	7	419,065	92	80,523	96,139	224,348
Cooperage.....	6	141,194	40	40,235	112,686	182,056
Artificial flowers and feathers.....	8	115,529	164	75,137	57,126	175,872
Awnings, tents and sails.....	6	154,411	60	48,545	71,510	142,255
Carriages, wagons and sleighs.....	16	317,779	69	67,964	36,057	138,679
Trade composition.....	4	192,183	68	80,466	10,791	133,442
Miscellaneous non-metallic mineral products.....	6	440,197	40	43,362	56,117	131,564
Candles.....	4	173,333	39	32,873	64,065	126,718
Novelties, advertising and other.....	3	43,621	32	35,245	26,841	82,529
Umbrellas.....	3	94,346	34	31,920	61,925	119,576
Stamps and stencils, rubber and metal.....	5	184,149	56	65,207	20,534	97,116
Miscellaneous non-ferrous metal products.....	4	148,061	44	42,798	34,840	93,566
Sporting goods.....	4	97,173	37	30,809	45,208	92,407
Miscellaneous wooden products.....	9	121,600	44	31,501	29,885	86,112
Blue printing.....	3	78,228	33	28,919	23,280	73,371
Statuary, art goods and church supplies.....	9	150,446	76	55,810	35,236	110,664
Scientific and professional equip- ment.....	5	57,471	24	19,625	23,731	62,852
Aluminum products.....	3	19,467	11	14,120	4,858	45,821
All other vegetable products ¹	7	12,258,780	959	1,288,521	13,222,813	19,065,960
All other animal products ²	4	589,581	29	39,264	60,436	227,408
All other textiles and textile pro- ducts ²	6	3,436,731	825	760,122	859,917	1,881,996
All other wood and paper products ²	12	2,892,159	221	224,483	469,273	1,020,196
All other iron and steel products ²	3	303,747	58	60,938	179,315	400,926
All other non-metallic mineral products ²	5	250,920	476	689,592	34,537	6,081,727
All other miscellaneous products ²	15	3,220,070	331	401,417	870,572	1,759,156
Total.....	2,346	382,332,791	94,612	89,334,540	201,022,633	353,547,972

TORONTO.

Slaughtering and meat packing....	12	20,879,785	2,619	3,481,322	32,727,280	40,213,884
Electrical apparatus and supplies ..	82	18,864,432	4,402	4,935,018	9,805,766	22,001,292
Printing and publishing.....	35	11,576,301	3,901	6,168,800	4,468,458	17,243,438
Biscuits, confectionery, cocoa and chocolate.....	37	17,726,050	3,702	4,038,529	7,337,647	16,869,024
Clothing, factory, women's.....	209	7,162,071	5,691	4,955,599	9,239,428	10,241,725

¹ Statistics for cities and towns do not include central electric stations.² Includes a number of industries with less than three establishments for which statistics cannot be published without disclosing individual information.

Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Winnipeg and Vancouver, 1935¹—concluded.

TORONTO—continued.

Industry.	Estab- lish- ments.	Capital Invested.	Em- ployees.	Salaries and Wages.	Cost of Materials Used.	Gross Value of Products.
No.	\$	No.	\$	\$	\$	\$
Printing and bookbinding.....	272	14,612,091	4,354	5,236,165	4,802,334	13,045,264
Bread and other bakery products.....	249	7,841,255	3,473	3,593,613	5,017,210	11,836,284
Clothing, factory, men's.....	30	4,653,308	3,187	3,548,623	5,357,536	10,385,641
Machinery.....	61	14,268,581	1,882	2,478,246	3,756,753	9,616,472
Rubber goods, including footwear.....	11	13,412,693	2,309	2,631,032	3,806,428	9,607,772
Butter and cheese.....	12	7,336,837	1,720	2,288,373	4,438,477	8,993,643
Boxes and bags, paper.....	41	7,476,471	2,000	2,106,846	5,084,036	8,823,537
Hosiery and knitted goods.....	35	7,218,307	2,897	2,492,625	4,148,710	8,222,489
Coke and gas products.....	3	26,232,128	1,289	1,825,879	2,183,310	8,065,374
Soaps and washing compounds.....	19	5,591,339	895	1,240,403	3,901,888	7,916,155
Sheet metal products.....	28	9,498,733	1,955	2,082,133	3,273,477	6,862,355
Paints, pigments and varnishes.....	18	4,491,744	919	1,332,984	2,706,506	6,742,730
Coffee, tea and spices.....	18	3,979,918	590	799,924	4,836,067	6,556,200
Petroleum products.....	7	5,368,708	207	319,258	4,370,128	6,220,740
Medicinal and pharmaceutical preparations.....	51	5,735,468	1,146	1,369,048	2,092,068	6,125,954
Foods, miscellaneous.....	34	3,371,301	680	822,280	2,877,296	5,356,464
Scientific and professional equip- ment.....	8	4,528,263	771	1,038,877	2,275,115	5,203,102
Breweries.....	7	6,391,194	590	776,175	1,782,481	5,119,788
Automobile supplies.....	19	4,757,362	1,370	1,534,025	1,976,236	4,371,660
Fur goods.....	102	2,960,099	895	1,079,893	2,661,806	4,338,112
Leather tanneries.....	7	4,619,338	940	1,005,206	2,611,386	4,247,757
Miscellaneous paper and wall paper.....	38	4,395,843	832	982,437	1,672,474	4,022,611
Flour and feed mills.....	4	1,517,009	171	175,700	3,262,945	3,991,118
Dyeing, cleaning and laundry work.....	53	6,106,846	2,407	2,028,980	389,993	3,840,714
Aluminum products.....	10	2,731,438	773	868,973	2,187,952	3,712,694
Jewellery and silverware.....	45	2,701,782	855	1,049,308	2,107,999	3,663,705
Pulp and paper.....	4	4,785,249	304	482,541	1,657,513	3,656,485
Hats and caps.....	63	1,582,942	1,218	1,194,752	1,609,995	3,442,650
Furnishing goods, men's.....	44	2,293,491	1,149	856,118	1,985,966	3,361,511
Lithographing.....	17	3,703,526	819	1,252,828	1,411,087	3,141,286
Lead, tin and zinc products.....	9	3,087,802	370	409,449	2,016,989	3,063,923
Toilet preparations.....	33	2,769,349	411	472,024	1,023,811	2,917,546
Castings and forgings.....	35	6,417,861	1,114	1,239,463	812,043	2,874,517
Aerated and mineral waters.....	21	2,527,207	565	676,891	645,717	2,865,416
Engraving, stereotyping and elec- trotyping.....	28	3,058,707	1,041	1,587,272	558,927	2,728,454
Woolen yarns.....	4	2,693,861	649	577,029	1,427,616	2,702,799
Miscellaneous leather goods.....	40	2,080,626	884	803,275	1,320,537	2,442,600
Inks, printing and writing.....	18	2,376,354	386	651,658	928,899	2,439,863
Furniture.....	85	2,660,418	987	881,035	1,010,751	2,379,932
Woolen cloth.....	5	2,121,559	402	422,156	1,264,805	2,230,224
Leather boots and shoes.....	25	1,240,308	934	701,230	1,013,177	2,122,890
Mattresses and springs.....	23	1,361,486	533	503,251	1,178,421	2,016,934
Planing mills, sash and door fac- tories.....	26	3,378,097	581	603,998	1,007,425	1,985,581
Hardware and tools.....	27	3,221,406	575	662,406	546,683	1,884,019
Tobacco, cigars and cigarettes.....	13	2,361,372	519	492,395	906,747	1,805,218
Boilers, tanks and engines.....	8	5,303,936	581	700,331	717,728	1,734,340
Corsets.....	11	888,388	492	469,227	720,935	1,580,475
Miscellaneous chemical products.....	32	1,529,456	300	412,952	589,426	1,575,365
Brass and copper products.....	34	1,630,264	490	555,315	552,368	1,461,309
Foods, stock and poultry.....	7	918,243	131	181,145	915,166	1,358,428
Carpets, mats and rugs.....	3	3,139,003	363	382,861	458,383	1,254,535
Cotton and wool waste.....	5	514,150	148	125,450	733,579	1,177,008
Iron and steel products, n.e.s.....	24	1,636,981	475	476,081	424,177	1,166,275
Bags, cotton and jute.....	3	862,527	163	144,701	894,750	1,114,875
Fruit and vegetable preparations.....	20	1,111,072	204	200,328	592,349	1,066,528
Cotton textiles, n.e.s.....	18	575,350	242	208,348	569,441	1,020,760
Fountain pens and pencils.....	5	881,276	320	304,319	528,550	960,721
Miscellaneous non-ferrous metal products.....	10	799,000	221	254,652	253,610	862,968
Stone, monumental and ornamental.....	20	1,672,230	259	333,726	255,354	858,501
Gases, compressed.....	8	1,856,248	210	338,222	99,145	858,468
Glass products.....	26	918,264	310	298,436	368,661	822,037
Polishes and dressings.....	16	458,478	141	144,873	335,773	762,367
Wire and wire goods.....	13	839,813	162	173,734	408,319	736,978
Statuary, art goods and church supplies.....	12	480,250	284	250,229	356,542	732,319
Brooms, brushes and mops.....	11	877,660	228	229,629	273,029	711,743

¹ Statistics of cities and towns do not include central electric stations.

Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Winnipeg and Vancouver, 1935—continued.

TORONTO—concluded.

Industry.	Estab- lish- ments.	Capital Invested.	Em- ployees.	Salaries and Wages.	Cost of Materials Used.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
Dyeing and finishing of textile goods.....	8	899,962	215	223,101	203,398	665,960
Miscellaneous wooden products.....	22	1,161,750	257	222,058	208,670	637,181
Adhesives.....	5	641,125	198	223,156	235,626	608,685
Oiled and waterproof clothing.....	3	454,187	147	147,207	359,215	601,552
Woollen goods, n.e.s.....	7	303,706	118	113,408	395,287	591,058
Toys and toy equipment.....	5	229,731	223	105,644	185,648	577,535
Cleaning preparations.....	8	297,034	65	71,462	242,350	522,394
Typewriter supplies.....	5	628,085	111	195,377	201,775	517,174
Hoses, wooden.....	7	710,353	206	172,086	209,700	499,373
Silk and artificial silk.....	3	414,527	182	143,270	248,231	480,023
Foodstuffs, breakfast.....	4	279,121	52	37,446	151,576	479,276
Fur dressing and dyeing.....	5	285,755	315	280,591	133,307	472,902
Signs, electric.....	13	737,498	59	175,159	157,749	471,415
Sausage and sausage casings.....	10	371,902	159	59,268	287,398	418,582
Sporting goods.....	8	434,549	152	130,077	142,803	401,181
Ice, artificial.....	7	768,971	74	83,180	12,923	379,588
Coffins and caskets.....	4	662,812	110	123,283	141,154	364,801
Flooring, hardwood.....	3	297,882	83	73,404	170,115	331,146
Wine.....	9	697,316	69	75,405	109,923	328,497
Trade composition.....	15	528,175	132	198,170	23,540	313,419
Awnings, tents and sails.....	12	258,857	97	85,439	165,061	308,095
Cement products.....	9	395,793	106	99,365	151,185	294,565
Woodenware.....	3	285,363	132	126,361	111,060	284,207
Belting, leather.....	4	304,733	48	67,019	156,833	251,359
Boot and shoe findings, leather.....	3	63,997	34	26,497	132,609	188,481
Clothing contractors.....	15	62,029	173	146,914	10,081	188,183
Gloves and mittens, leather.....	6	108,593	59	54,688	85,840	178,964
Clay products from imported clay.....	5	216,361	77	53,194	34,128	174,840
Novelties, advertising and other.....	7	134,268	63	57,333	71,220	173,230
Umbrellas.....	3	86,983	46	41,099	104,161	172,123
Stamps and stencils, rubber and metal.....	8	167,065	80	103,234	22,066	163,550
Buttons.....	4	89,677	98	67,657	64,688	152,320
Clay products from domestic clay.....	5	655,536	73	65,596	36,105	132,702
Sand-lime brick.....	4	437,458	62	51,297	79,311	131,717
Cooperage.....	3	100,328	39	30,863	41,899	105,992
Musical instruments.....	6	417,818	86	82,123	32,126	102,096
Artificial flowers and feathers.....	6	126,694	71	41,914	—	—
Miscellaneous non-metallic mineral products.....	4	272,700	37	52,815	50,261	91,099
Bicycles.....	3	88,371	28	25,647	35,025	83,065
Dairy products, other.....	3	60,757	11	18,182	43,843	82,637
Regalia and society emblems.....	6	113,972	35	28,104	20,175	67,494
Hair goods, animal and human.....	3	78,462	19	13,324	32,872	60,317
Blue printing.....	3	39,523	17	18,783	9,839	39,758
Boat building.....	3	63,769	16	15,281	11,938	30,074
Asbestos products.....	3	39,760	4	2,615	7,463	11,130
All other vegetable products ¹	7	5,822,754	238	326,582	1,416,254	2,851,154
All other textiles and textile products ²	4	1,826,232	399	406,754	975,411	1,676,275
All other wood and paper products ²	8	633,322	97	88,347	218,994	461,271
All other iron and its products ²	8	20,579,508	2,010	2,638,466	1,736,481	3,678,683
All other chemicals and chemical products ²	6	2,111,005	163	191,086	627,685	1,292,630
All other miscellaneous products ²	11	1,522,618	234	282,197	558,818	1,386,671
Total.....	2,659	386,898,652	86,226	97,144,947	190,376,255	385,883,455

HAMILTON.

Primary iron and steel.....	11	32,486,330	3,539	5,431,295	7,635,350	15,064,942
Electrical apparatus and supplies.....	8	18,280,588	3,413	3,802,975	3,183,505	9,732,558
Coke and gas products.....	3	16,891,019	451	659,275	3,999,758	8,266,610
Hosiery and knitted goods.....	10	7,588,973	2,782	2,422,565	3,847,357	7,121,244

¹ Statistics for cities and towns do not include central electric stations.² Includes a number of industries with less than three establishments for which statistics cannot be published without disclosing individual information.

Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Winnipeg and Vancouver, 1935¹—continued.

HAMILTON—concluded.

Industry.	Estab- lish- ments.	Capital Invested.	Em- ployees.	Salaries and Wages.	Cost of Materials Used.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
Wire and wire goods.....	10	9,984,323	1,435	1,479,385	1,771,055	5,853,028
Cotton yarn and cloth.....	5	7,312,412	1,688	1,323,795	2,960,294	5,471,344
Tobacco, cigars and cigarettes.....	3	5,929,327	640	659,200	1,692,046	3,565,100
Soaps and washing compounds.....	8	3,425,906	243	302,204	2,745,446	3,247,442
Sheet metal products.....	9	2,880,711	475	458,076	1,798,460	2,745,704
Machinery.....	13	4,679,203	558	661,187	750,965	2,711,611
Slaughtering and meat packing.....	4	893,530	207	312,946	2,032,199	2,595,581
Bread and other bakery products.....	57	1,751,601	732	735,989	992,665	2,198,961
Glass products.....	4	2,715,487	728	754,344	764,168	2,085,275
Miscellaneous paper products.....	7	2,260,816	370	460,711	863,458	1,709,255
Butter and cheese.....	6	1,411,316	392	515,808	700,530	1,637,664
Railway rolling stock.....	4	8,194,145	300	418,233	966,542	1,625,625
Fruit and vegetable preparations.....	6	1,173,183	277	210,609	1,063,356	1,493,893
Printing and bookbinding.....	49	1,460,805	350	421,240	574,042	1,267,708
Clothing, factory, men's.....	4	769,740	501	450,570	625,747	1,254,345
Printing and publishing.....	4	1,349,229	297	414,661	174,152	1,131,954
Brass and copper products.....	7	798,986	268	277,191	328,591	941,215
Hardware and tools.....	10	1,444,137	243	270,740	311,705	878,628
Castings and forgings.....	11	1,582,648	242	286,832	350,902	871,133
Biscuits, confectionery, cocoa and chocolate.....	9	490,448	172	148,950	350,587	825,316
Imported clay products.....	4	1,000,354	376	360,742	183,891	788,881
Coffee, tea and spices.....	5	611,649	148	165,741	535,058	784,529
Paper boxes and bags.....	8	490,291	162	123,404	357,368	713,572
Dyeing, cleaning and laundry work.....	22	791,030	354	272,803	59,223	542,144
Jewellery and silverware.....	4	707,699	178	246,472	155,548	504,689
Brooms, brushes and mops.....	6	559,708	136	118,055	187,226	501,189
Men's furnishing goods.....	3	362,449	182	129,790	230,446	386,725
Aerated and mineral waters.....	9	299,852	70	76,571	78,193	352,188
Miscellaneous chemical products.....	3	162,826	22	75,908	118,137	321,813
Planing mills, sash and door fac- tories.....	9	739,670	95	105,470	146,743	307,479
Fur goods.....	9	351,378	43	62,670	155,769	248,975
Polishes and dressings.....	6	387,645	51	56,924	128,160	236,738
Hats and caps.....	4	124,279	42	37,525	87,711	165,590
Engraving, stereotyping and elec- trotyping.....	4	140,434	59	91,761	14,872	142,651
Artificial ice.....	3	268,340	40	44,959	3,875	127,698
Domestic clay products.....	4	218,335	51	42,521	-	121,686
Miscellaneous leather goods.....	4	64,072	25	21,097	107,875	120,084
Paints, pigments and varnishes.....	3	148,921	23	29,496	60,277	114,538
Stone, monumental and ornamental.....	7	250,484	30	43,140	41,190	108,779
Clothing, factory, women's.....	3	36,501	25	18,641	72,090	98,950
Furniture.....	12	345,532	61	51,739	13,978	84,375
Stamps and stencils, rubber and metal.....	3	135,476	36	33,335	17,090	74,941
Awnings, tents and sails.....	4	102,212	29	31,940	22,432	60,485
Automobile supplies.....	3	71,589	22	18,999	10,560	51,695
Iron and steel products, n.e.s.....	4	53,630	16	10,131	9,795	31,267
Carriages, wagons and sleighs.....	3	120,332	15	13,770	13,399	30,417
Miscellaneous wooden products.....	3	23,300	12	12,816	5,252	29,421
All other vegetable products ²	10	8,629,712	959	1,184,873	4,283,350	10,410,888
All other animal products ²	5	349,044	36	38,864	47,584	225,423
All other textiles and textile pro- ducts ²	11	3,672,665	600	608,322	1,533,094	2,633,171
All other wood and paper products ²	16	1,757,312	434	649,046	714,562	1,876,829
All other iron and steel products ²	3	14,052,361	1,546	1,845,795	2,266,601	4,881,621
All other non-ferrous metal pro- ducts ²	5	306,905	84	89,332	223,239	375,973
All other non-metallic mineral pro- ducts ²	9	1,150,738	181	233,630	567,863	1,449,460
All other chemicals and chemical products ²	6	1,852,949	230	308,162	761,324	1,419,596
All other miscellaneous products ²	5	171,860	33	28,953	37,419	81,127
Total.....	484	176,246,963	26,769	30,162,244	53,740,071	114,691,789

¹ Statistics of cities and towns do not include central electric stations.² Includes a number of industries with less than three establishments for which statistics cannot be published without disclosing individual information.

Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Winnipeg and Vancouver, 1935¹—continued.

WINNIPEG

Industry.	Estab- lish- ments.	Capital Invested.	Em- ployees.	Salaries and Wages.	Cost of Materials Used.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
Stocking and meat packing.....	4	3,291,956	972	1,061,807	8,550,953	9,811,053
Printing and publishing.....	27	3,082,949	930	1,417,199	533,751	3,482,882
Printing and bookbinding.....	77	3,857,450	1,122	1,284,310	1,069,416	3,063,465
Butter and cheese.....	11	3,643,688	600	832,941	1,323,133	2,714,196
Bags, cotton and jute.....	5	1,814,317	229	257,758	2,081,657	2,620,072
Bread and other bakery products.....	71	2,572,179	815	782,284	1,236,071	2,544,186
Breweries.....	5	3,612,432	323	424,040	581,337	2,333,130
Clothing, factory, women's.....	22	859,903	739	606,226	1,448,885	2,266,615
Furnishing goods, men's.....	16	1,162,068	802	569,351	1,488,110	2,245,359
Coffee, tea and spices.....	8	1,481,237	148	193,230	1,649,520	2,159,016
Biscuits, confectionery, cocoa and chocolate.....	20	1,696,208	508	405,974	860,421	1,803,825
Malt and malt products.....	3	1,956,536	67	131,696	975,658	1,647,750
Dyeing, cleaning and laundry work.....	20	1,633,156	797	685,862	167,260	1,328,624
Fur goods.....	30	844,925	361	315,375	755,043	1,205,476
Coke and gas products.....	3	5,508,514	157	195,603	444,149	1,114,457
Mattresses and springs.....	4	1,001,325	284	303,101	569,794	1,112,174
Medicinal and pharmaceutical preparations.....	7	1,153,013	146	146,223	439,065	1,101,225
Boxes and bugs, paper.....	6	1,010,725	220	227,533	547,847	977,559
Aerated and mineral waters.....	9	400,590	117	154,320	224,135	855,450
Food, miscellaneous.....	4	288,011	53	41,401	494,014	635,895
Iron and steel products, n.e.s.....	3	1,424,847	236	268,536	306,544	628,365
Furniture.....	30	621,404	217	208,878	300,814	603,140
Paints, pigments and varnishes.....	3	1,280,768	112	134,225	319,938	594,039
Clothing, factory, men's.....	9	236,644	179	135,394	358,726	547,747
Castings and forgings.....	4	1,810,257	256	280,793	120,895	520,907
Soaps and washing compounds.....	4	1,017,259	96	114,735	287,526	512,435
Hats and caps.....	12	288,274	182	131,794	293,685	494,560
Brass and copper products.....	4	413,396	73	108,539	227,837	473,268
Machinery.....	7	686,006	124	122,418	171,951	402,903
Engraving, stereotyping and elec- trotyping.....	6	377,569	146	297,454	33,595	382,583
Electrical apparatus and supplies.....	8	262,574	103	105,503	164,921	378,172
Fruit and vegetable preparations.....	6	413,586	121	83,103	197,702	373,597
Agricultural implements.....	3	476,785	77	95,171	158,312	372,715
Sheet metal products.....	6	1,070,093	134	116,064	171,503	365,871
Gloves and mittens, leather.....	3	319,024	141	108,024	203,437	340,802
Hosiery and knitted goods.....	6	245,050	135	91,094	204,017	331,060
Sausage and sausage casings.....	7	144,906	52	47,898	214,067	296,406
Miscellaneous leather goods.....	5	292,254	64	57,811	167,401	283,289
Planing mills, sash and door fac- tories.....	5	1,093,389	122	109,363	86,543	248,622
Miscellaneous paper products.....	4	412,474	57	63,697	102,546	239,177
Food, breakfast.....	3	205,574	18	11,953	69,627	201,680
Boots and shoes, leather.....	5	134,865	88	58,498	110,969	190,956
Boxes, wooden.....	6	212,824	104	69,608	55,543	168,495
Brooms, brushes and mops.....	2	114,305	62	60,614	51,665	154,718
Carriages, wagons and sleighs.....	3	143,717	58	50,230	63,814	151,648
Automobile supplies.....	5	57,155	45	38,244	37,823	98,215
Stone, monumental and ornamental.....	7	120,445	49	46,015	32,785	88,822
Signs, electric.....	3	115,562	43	45,205	22,239	88,511
Leather tanneries.....	3	95,432	39	24,567	51,876	78,018
Miscellaneous chemical products.....	8	79,456	21	22,617	34,008	65,782
Glass products.....	3	53,640	22	17,624	18,502	47,328
Toilet preparations.....	4	32,559	19	11,607	5,233	34,833
Awnings, tents and sails.....	4	21,709	13	12,963	10,971	32,982
Miscellaneous wooden products.....	4	22,607	11	7,490	6,855	20,029
Scientific and professional equip- ment.....	5	21,301	11	8,971	4,633	17,386
Stamps and stencils, rubber and metal.....	4	24,230	10	8,579	3,248	16,622
All other vegetable products ²	8	2,977,904	224	239,793	2,106,231	2,612,177
All other animal products ²	4	320,867	58	68,928	74,713	201,447
All other wood and paper products ²	18	1,353,608	275	307,237	293,209	880,295
All other iron and steel products ²	5	9,848,005	3,186	3,455,831	3,705,489	7,389,120

¹ Statistics of cities and towns do not include central electric stations.² Includes a number of industries with less than three establishments for which statistics cannot be published without disclosing individual information.

Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Winnipeg and Vancouver, 1935¹—continued.

WINNIPEG—concluded.

Industry.	Estab-lish-ments.	Capital Invested.	Em-employees.	Salaries and Wages.	Cost of Materials Used.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
All other non-ferrous metal products ² .	5	191,741	28	28,328	143,201	212,585
All other non-metallic mineral products ² .	6	1,101,039	120	111,353	222,793	556,129
All other chemicals and chemical products ² .	5	306,111	51	65,368	87,239	288,989
All other miscellaneous products ² .	8	273,414	77	80,326	72,978	227,548
Total	616	71,837,683	16,649	17,568,803	36,825,171	67,217,042

VANCOUVER.

Sawmills.....	26	8,479,787	3,251	3,381,963	5,593,468	10,727,150
Slaughtering and meat packing....	11	3,759,420	584	634,848	4,639,048	5,906,160
Sheet metal products.....	15	6,411,015	420	494,062	2,675,297	4,157,340
Coffee, tea and spices.....	8	1,290,339	228	239,011	2,868,053	3,468,944
Bread and other bakery products.....	123	2,229,715	957	931,453	1,501,262	3,173,160
Printing and publishing.....	16	2,531,491	830	1,237,827	607,738	3,131,689
Fruit and vegetable preparations....	11	1,719,169	401	345,193	1,385,603	2,113,811
Coke and gas products.....	3	13,028,837	227	283,400	425,552	1,747,321
Fish curing and packing.....	10	1,105,494	256	268,266	1,200,900	1,703,825
Butter and cheese.....	9	631,823	196	251,260	907,118	1,649,737
Planing mills, sash and door fac-tories.....	23	855,852	561	421,711	999,533	1,634,290
Furniture.....	35	1,259,285	535	478,703	703,603	1,510,712
Printing and bookbinding.....	70	1,672,354	497	571,152	443,780	1,327,054
Dyeing, cleaning and laundry work	30	1,491,953	780	631,645	117,601	1,240,553
Food ² , stock and poultry.....	9	816,501	143	148,079	928,798	1,220,342
Biscuits, confectionery, cocoa and chocolate.....	27	802,681	263	236,702	461,532	1,038,745
Wire and wire goods.....	8	1,214,193	126	157,556	589,794	987,232
Boxes and bags, paper.....	7	615,196	158	189,678	453,763	888,959
Miscellaneous paper products.....	6	852,320	121	127,844	572,308	816,686
Castings and forgings.....	23	937,487	308	321,102	219,621	750,683
Shipbuilding and repairs.....	8	1,117,190	282	309,563	163,133	628,298
Clothing, factory, women's.....	14	238,825	171	108,628	313,784	572,301
Furnishing goods, men's.....	9	318,228	171	120,810	344,870	522,700
Foods, miscellaneous.....	13	284,019	59	55,431	284,493	509,489
Boxes, wooden.....	6	524,160	202	176,593	209,139	501,685
Miscellaneous wooden products.....	10	486,774	135	155,778	237,279	494,799
Hardware and tools.....	4	372,368	99	109,173	178,349	466,267
Boilers, tanks and engines.....	8	565,672	127	178,742	159,547	450,287
Signs, electric.....	5	632,454	108	164,401	61,066	440,893
Paints, pigments and varnishes....	6	484,240	76	87,909	187,635	440,888
Lithographing.....	4	460,678	100	150,590	157,607	424,327
Leather boots and shoes.....	6	433,624	157	131,509	243,917	421,950
Automobiles.....	3	590,785	110	168,861	126,000	353,446
Soaps and washing compounds.....	4	334,658	56	62,188	163,978	343,254
Mattresses and springs.....	4	260,912	79	92,254	144,134	295,675
Awings, tents and sails.....	5	351,147	70	71,430	161,283	259,083
Hosiery and knitted goods.....	3	392,975	99	89,499	99,632	258,961
Aerated and mineral waters.....	7	242,100	76	79,356	82,312	257,554
Machinery.....	11	748,365	92	124,076	67,618	238,908
Brooms, brushes and mops.....	6	230,160	84	70,245	103,531	213,741
Macaroni, vermicelli, etc.....	4	291,512	61	39,462	131,761	192,482
Engraving, stereotyping and elec-trotyping.....	9	246,208	72	107,531	29,942	190,337
Ice, artificial.....	5	1,038,037	80	70,939	7,245	184,069
Primary iron and steel.....	3	145,914	79	77,027	44,572	181,906
Electrical apparatus and supplies.	9	157,288	65	62,896	70,881	170,497
Gloves and mittens, leather.....	3	82,972	54	50,611	75,791	160,541
Fur goods.....	5	175,965	37	33,962	80,110	140,768
Boat building.....	6	144,653	75	70,704	46,080	136,452
Sausage and sausage casings.....	5	92,359	31	20,250	80,880	122,511
Rice mills.....	3	28,900	4	3,380	102,770	117,056
Miscellaneous leather goods.....	3	133,442	38	34,271	50,097	113,395
Jewellery and silverware.....	6	69,293	43	48,131	39,947	109,879

¹ Statistics for cities and towns do not include central electric stations.² Includes a number of industries with less than three establishments for which statistics cannot be published without disclosing individual information.

Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Winnipeg and Vancouver, 1935¹—concluded.

VANCOUVER—concluded.

Industry.	Estab- lish- ments.	Capital Invested.	Em- ployees.	Salaries and Wages.	Cost of Materials Used.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
Cotton and wool waste.....	3	50,172	20	21,042	83,339	106,055
Statuary, art goods and church supplies.....	5	72,699	40	30,244	51,215	94,901
Coffins and caskets.....	3	146,204	26	30,235	23,519	94,375
Brass and copper products.....	8	89,093	31	37,085	27,112	94,309
Medicinal and pharmaceutical preparations.....	3	15,258	49	56,090	15,071	80,010
Cooperage.....	3	116,043	22	23,845	47,449	77,071
Cement products.....	6	130,888	21	23,068	24,831	72,388
Stone, monumental and ornamental	8	130,878	34	36,504	14,070	68,035
Automobile supplies.....	4	132,812	28	29,966	33,835	61,979
Miscellaneous chemical products.....	6	54,366	14	11,527	28,958	53,705
Tobacco, cigars and cigarettes.....	5	57,067	26	20,112	28,066	50,153
Hats and caps.....	4	55,806	36	26,820	13,710	44,754
Glass products.....	6	83,800	20	20,173	14,149	42,961
Foods, breakfast.....	3	35,206	8	8,351	18,598	37,635
Stamps and stencils, rubber and metal.....	3	98,950	25	27,241	5,334	31,758
Blue printing.....	4	21,807	13	9,438	5,061	17,047
Iron and steel products, n.e.s.....	4	30,861	9	5,009	6,019	16,511
Toilet preparations.....	4	12,081	5	3,236	6,168	11,039
Cleaning preparations.....	3	14,055	7	2,931	5,205	9,905
All other vegetable products ²	10	12,940,383	573	867,347	4,944,695	8,467,402
All other animal products ²	5	297,373	54	79,102	122,197	301,270
All other textiles and textile pro- ducts ²	8	709,362	188	191,924	701,141	1,045,873
All other wood and paper products ²	13	529,295	126	141,646	161,517	361,530
All other non-metallic mineral pro- ducts ²	5	1,101,355	66	85,858	1,336,680	2,380,494
All other chemicals and chemical products ²	9	402,696	52	72,119	102,104	346,886
All other miscellaneous products ²	9	3,223,800	314	381,449	439,809	905,034
Total.....	811	83,954,899	15,683	16,789,590	39,863,397	73,981,872

¹ Statistics for cities and towns do not include central electric stations.² Includes a number of industries with less than three establishments for which statistics cannot be published without disclosing individual information.

APPENDIX II.

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1935.

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of these products in a new and much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 25,491 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and furthermore the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of the iron and steel group. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 0.8 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 3.8 per cent. With the exception of this group, therefore, the incompleteness of the figures on this account, is insignificant.

There is no duplication in the listing of products, nor do any of the items include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Products Manufactured in Canada, 1935.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Abrasive cloth and abrasive paper.....	—	—	*
Abrasive wheels.....	—	—	785,777
Absorbent cotton.....	—	—	*
Acetone.....	—	—	*
Acetylene.....	cu. ft.	39,922,683	975,710
Acid, acetic, 28%, 80% and 99½%.....	—	—	*
Acid, calcium phosphate.....	—	—	*
Acid, hydrochloric (Muriatic) 20%.....	—	—	*
Acid, hydrofluosilicic.....	—	—	*
Acid, nitric.....	—	—	72,331
Acid, phosphoric.....	—	—	*
Acid, sulphuric.....	lb.	425,997,045	2,272,644
Advertising, printed, n.e.s.....	—	—	14,333,762
Advertising novelties (see "Novelties").	—	—	*
Aeroplanes and hydroplanes.....	No.	58	479,614
Aeroplane parts and supplies.....	—	—	308,076
Agricultural implements and parts, not elsewhere specified.....	—	—	2,866,609
Alcohol, denatured.....	prf. gal.	2,059,027	879,914
Alcohol, non-potable.....	prf. gal.	1,798,713	732,633
Almond paste.....	lb.	73,467	21,853
Almonds, ground, etc.....	—	—	12,675
Alumina, fused.....	short ton	51,194	4,735,019
Aluminium products, not specified.....	—	—	3,543,685
Ammonia, anhydrous.....	—	—	*
Ammonia, aqua.....	—	—	*
Ammonia, liquor.....	—	—	*
Ammonia powder.....	lb.	2,860,271	129,573
Ammonium phosphate.....	—	—	*
Ammonium sulphate.....	short ton	67,361	1,473,675
Ammunition.....	—	—	1,609,617
Apple butter.....	lb.	76,227	7,641
Apple chop and waste.....	lb.	2,278,660	44,086
Apple juice, concentrated.....	gal.	193,694	86,172
Apples, evaporated.....	lb.	4,484,316	366,506
Aprons, fabric.....	doz.	76,070	242,020
Aprons, leather and rubber.....	—	—	37,461
Arm bunches.....	—	—	15,727
Art needlework.....	—	—	131,335
Art work (printing).....	—	—	510,926
Asbestos products, not elsewhere specified.....	—	—	196,861
Asphalt.....	Imp. gal.	34,680,639	3,120,596
Asphalt emulsion.....	gal.	2,530,364	281,437
Asphalt products, not elsewhere specified.....	—	—	114,644
Atomizers, perfume.....	—	—	*
Automobiles, commercial—			
½ ton or less.....	No.	12,760	5,512,816
1 ton and less than 1½ ton.....	"	1,047	660,579
1½ ton and less than 2 tons.....	"	13,826	6,216,396
2 tons and less than 2½ tons.....	"	8,852	6,132,867
2½ tons and less than 3½ tons.....	"	554	547,211
3½ tons and 4½ tons inclusive.....	"	181	392,645
5 tons, 5½ tons and over.....	"	28	85,615
Automobiles, passenger—			
Convertible cars.....	"	1,709	1,176,759
Permanent closed cars.....	"	107,184	70,718,558
Permanent open cars.....	"	2,890	1,379,222
Automobiles, special, including buses, ambulances, etc.....	—	—	290,598
Automobile bodies, not specified.....	—	—	2,501,745
Automobile self-starters.....	No.	315,338	1,014,056
Automobile chassis.....	—	—	5,936,313
Automobile trailers.....	—	—	249,266
Automobile parts and accessories, not specified.....	—	—	15,400,805
Automobile cloths.....	yd.	337,041	588,529
Awnings and verandah curtains.....	—	—	417,201
Axes.....	No.	652,928	537,270
Axles, automobile.....	"	212,049	2,125,828
Axles and parts, not specified.....	—	—	63,806
Babbitt metal.....	lb.	2,426,019	562,260
Badges, rosettes, buttons, etc.....	—	—	101,157
Bags, fabric—			
Cotton bags.....	No.	48,028,643	3,911,528
Jute bags.....	"	48,671,131	4,338,823

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Bags, fabric— <i>Concluded</i>			
Sleeping bags.....	No.	7,077	100,383
Tea bags.....	—	—	*
Fabric bags, not specified.....	—	—	120,185
Bags, leather and imitation leather—			
Club bags and suit cases.....	No.	258,666	982,467
Hand bags.....	"	1,340,176	1,493,969
Shopping bags.....	"	321,951	168,147
School bags.....	"	130,530	105,566
Bags, paper—			
Glassine and cellophane bags.....	—	—	228,295
Millinery bags.....	—	—	104,088
Self-opening bags.....	—	—	1,426,611
Paper bags, not specified.....	—	—	1,507,233
Bags, rubber, air and steam.....	No.	6,853	48,594
Bags, repaired.....	—	—	101,838
Bags, other, not specified.....	—	—	29,338
Bakelite and textolite products.....	—	—	639,107
Bale ties: Quantity made.....	short ton	4,366	—
Quantity sold.....	"	4,373	335,263
Balloons.....	—	—	*
Balls, golf.....	doz.	79,381	228,551
Balls, golf, centres for.....	—	—	*
Balls, soft.....	doz.	14,114	79,286
Balls, not specified.....	"	169,102	190,237
Barley, pot and pearl.....	lb.	4,199,470	111,547
Barley, black.....	—	—	—
Barn and stable equipment, not elsewhere specified.....	—	—	430,232
Barrels, wooden—			
Apple, etc.....	No.	901,564	372,509
Fish.....	"	45,202	30,030
Flour, sugar, etc.....	"	124,224	84,183
Oil, vinegar, water, etc.....	"	213,272	497,056
Whiskey, beer, etc.....	—	—	*
Barrels, steel.....	—	—	395,635
Barrels, repaired, etc.....	—	—	35,815
Bars, iron and steel, sheet and tin plate, etc.—			
Quantity made.....	long ton	71,514	—
Quantity sold.....	—	—	—
Bars and plates, iron and steel, tie plates, fish plates, etc.—			
Quantity made.....	long ton	23,600	—
Quantity sold.....	"	23,819	1,289,646
Bars, steel, for reinforced concrete—			
Quantity made.....	"	37,519	—
Quantity sold.....	"	31,915	1,597,280
Bars, steel, rolled, including spring steel, etc.—			
Quantity made.....	"	139,727	—
Quantity sold.....	"	126,047	7,195,199
Bars, steel, muck and scrap—			
Quantity made.....	"	1,259	—
Quantity sold.....	—	—	—
Bars, steel—long angle splice bars, long fish plate bars, etc.—			
Quantity made.....	long ton	25,837	—
Quantity sold.....	—	—	—
Basket bottoms.....	No.	1,810,325	8,435
Baskets and crates, fruit and vegetable.....	—	—	941,362
Baskets, other, not specified.....	—	—	84,025
Bathing caps.....	doz.	40,681	94,275
Bathing suits.....	—	55,035	834,445
Bathrobes, kimonos, lounging jackets, etc.—			
Cotton.....	"	13,425	279,112
Eiderdown.....	"	11,747	132,860
Artificial silk.....	"	3,625	109,177
Silk and silk mixed.....	"	6,590	310,567
Wool and flannel.....	"	9,863	288,297
Not specified.....	"	3,004	66,546
Bats, baseball.....	No.	52,494	11,757
Batteries—			
Storage, for automobiles and other internal combustion engines.....	No.	501,710	2,378,414
Storage, for railway service.....	"	3,853	82,903
Storage, for motorcycle starting.....	"	2,995	10,604
Storage, for telephone switch boards.....	"	1,599	30,585
Storage, for farm lighting plants.....	"	14,728	75,311

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Batteries—<i>Continued</i>			
Storage for all other purposes.....	—	—	303,978
Dry-cell, 8-inch.....	No. of cells	1,472,858	402,303
Dry-cell, flash-light.....	"	10,044,403	598,443
Dry-cell, radio, B. and C.....	"	19,800,253	1,136,764
Not specified.....	"	43,170	2,715
Parts and supplies.....	—	—	345,066
Battery containers and parts.....	—	—	571,041
Batting, wadding, flocks and rolls (including auto batts).....	—	—	706,452
Beauty and barber parlour equipment, n.e.s.....	—	—	54,500
Beds and couches—			
Metal and iron beds and cribs.....	No.	165,086	880,322
Metal and iron couches.....	"	90,033	857,232
Metal and iron cots and bunks.....	"	3,124	9,939
Not specified.....	"	196	1,320
Bedspreads and bed sets	—	—	367,105
Beef extract.....	—	—	—
Beckkeepers' supplies, not elsewhere specified.....	—	—	119,173
Beer, ale, stout and porter—			
Full strength, in barrels.....	gal.	23,864,567	13,816,308
Full strength, in bottles.....	"	30,772,776	26,240,589
Under full strength, in bottles.....	"	19,580	13,929
Beer, spruce and rice.....	—	—	33,435
Beet pulp, wet and dried.....	—	—	—
Bells and gongs.....	—	—	13,134
Belting, cotton.....	—	—	—
Belting, leather (transmission).....	lb.	317,082	559,994
Belts, automobile, fan.....	No.	844,503	202,487
Belting, rubber, not elsewhere specified.....	lb.	4,635,813	1,714,863
Belts and aprons, sanitary.....	—	—	76,575
Belts, body, not specified.....	—	—	522,725
Benzol.....	gal.	2,986,016	610,304
Bicycles.....	No.	37,248	748,670
Bicycle parts.....	—	—	219,305
Billiard tables and billiard supplies.....	—	—	—
Binders, loose-leaf and other.....	—	—	886,177
Binders, grain and corn.....	No.	16,252	2,413,198
Binding and stitching (trade work).....	—	—	504,060
Bindings (see also "Tapes").....	—	—	756,814
Bins and hoppers.....	—	—	9,746
Biological products.....	—	—	291,107
Biscuits, plain and fancy.....	ton	36,353	8,905,211
Biscuits, soda.....	"	12,481	3,464,252
Blark, acetylene.....	—	—	—
Blackboards, asbestos.....	—	—	9,730
Blankets—			
Cotton and cotton mixed.....	pair	1,073,076	1,776,320
Cotton warp.....	"	69,201	120,999
All wool.....	"	243,443	1,085,703
Not specified.....	"	172,724	259,414
Slumber throws.....	No.	64,712	183,318
Blankets, horse.....	"	80,687	161,439
Bleaching compound, not specified.....	—	—	—
Blooms, billets and slabs—			
Quantity made.....	long ton	600,129	—
Quantity sold.....	"	75,016	2,072,328
Blouses, middy.....	dos.	3,400	26,275
Blouses, women's.....	"	83,014	1,214,245
Blouses and shirtwaists, boys.....	"	84,981	391,086
Blowers, furnace.....	—	—	69,177
Blowers, not specified.....	—	—	102,227
Blow torches.....	—	—	—
Blue, laundry.....	—	—	82,826
Blue printing.....	—	—	235,455
Boats, life and whale.....	No.	60	25,882
Boats, motor.....	"	675	391,121
Boats, sail.....	"	97	23,863
Boats, other, including row boats, skiffs, etc.....	—	—	200,151
Boiler compounds.....	—	—	349,870
Boilers, electric, steam.....	—	—	—
Boilers, heating and power.....	—	—	1,140,909
Boilers, power.....	No.	263	278,157
Boilers, range, galvanized.....	"	63,457	466,519

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Rollers, not specified.....	—	—	27,434
Roller parts and accessories.....	—	—	207,026
Rologna and blood pudding.....	lb.	1,378,681	161,827
Bolt boards.....	—	—	*
Bolts, nuts and rivets.....	—	—	3,630,699
Bone, raw, ground, etc.....	—	—	79,695
Books, blank, bound.....	—	—	366,512
Books, printed and bound.....	—	—	2,232,623
Books and pads, drawing, exercise, etc., not elsewhere specified.....	—	—	1,294,654
Books, ledger and account.....	—	—	365,020
Books, counter check, sales books.....	—	—	647,202
Boron carbide.....	—	—	*
Bottles, thermos.....	—	—	*
Bowling alley construction and supplies.....	—	—	*
Bowls, water.....	—	—	*
Box toes.....	pair	5,966,305	176,178
Boxes, paper—			
Corrugated.....	—	—	7,491,683
Fibre board.....	—	—	779,418
Mailing.....	—	—	5,232,675
Mailing tubes.....	—	—	86,963
Set up.....	—	—	4,058,068
Not specified.....	—	—	633,887
Boxes, wooden—			
Berry boxes.....	No.	38,736,154	127,874
Butter boxes.....	"	1,734,006	380,148
Cheese boxes.....	"	462,203	80,732
Cigar and tobacco boxes.....	"	1,021,063	102,209
Fish boxes.....	"	218,125	72,994
All other boxes and containers, not specified.....	—	—	2,058,253
Brads and gimps.....	—	—	399,193
Brake beams and parts.....	—	—	90,655
Brakes, auto, and parts.....	—	—	373,833
Brakes, brake shoes and parts.....	lb.	19,646,763	563,057
Brass.....	ton	224,368	4,301,157
Brass and bronze work, ornamental.....	—	—	104,590
Brass, not specified.....	—	—	9,829
Bread.....	lb.	903,564,827	44,491,493
Breakfast foods (see "Cereal products").....	—	—	*
Brewery and distillery equipment, not elsewhere specified.....	—	—	103,553
Bricks, cement.....	M	1,198	17,178
Bricks, from domestic clays.....	"	100,553	1,555,794
Brick, sand-lime.....	"	10,532	120,607
Bronze powder.....	—	—	*
Bronze work, architectural.....	—	—	154,143
Brooms—			
Corn.....	doz.	285,108	1,116,954
Fibre.....	"	13,327	100,473
Hair.....	"	4,720	55,402
Toy.....	"	4,833	4,618
Other.....	"	2,774	14,432
Brushes—			
Made of corn and fibre.....	"	74,244	139,312
Hair.....	"	25,584	162,073
Generator and motor.....	—	—	147,434
Nail.....	doz.	25,691	17,168
Paint.....	"	277,623	650,588
Shaving.....	"	28,679	93,933
Shoe and clothes.....	"	19,090	48,925
Tooth.....	—	—	219,521
For household purposes.....	doz.	180,094	266,191
For factory use.....	"	61,496	115,202
Other, not specified.....	"	104,093	100,995
Brush backs and blocks.....	—	—	4,352
Buckles of all kinds.....	—	—	63,488
Bulldog composition.....	—	—	*
Buffs, polishing, cotton.....	—	—	*
Building blocks, hollow cement and cinder.....	—	—	442,065
Buns.....	—	—	2,940,038
Boys, marine.....	—	—	*
Burners, lamp and lantern.....	—	—	*
Burners, not specified.....	—	—	32,837
Butter, factory made.....	lb.	240,018,790	52,228,133

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value. \$
Butter, whey, factory made.....	lb.	1,314,660	254,071
Buttons—			
Celluloid and catalin.....	gross	180,223	232,403
Galalith.....	"	54,735	96,672
Ivory.....	"	515,707	250,497
Metal.....	"	373,714	89,294
Pearl.....	"	1,278,724	338,645
Buttons and buckles, not specified.....	—	—	244,415
Button covering, hemstitching, etc.....	—	—	369,672
Button moulds.....	—	—	—
Butyl acetate and iso-butyl acetate.....	—	—	—
Cabinets, ice cream.....	—	—	—
Cabinets, silverware, not elsewhere specified.....	No.	8,603	85,101
Cables for automobiles.....	—	—	—
Calcium chloride.....	—	—	—
Calcium carbide.....	—	—	—
Calcium cyanamide.....	—	—	—
Calcium hypochlorite.....	—	—	—
Calendars.....	—	—	—
Calks, boot.....	—	—	—
Calks, horseshoe.....	—	—	95,077
Cameras.....	—	—	—
Candles.....	—	—	467,308
Candy sticks.....	—	—	37,995
Canes.....	—	—	—
Cans, paper.....	—	—	276,103
Cans, tin, of all kinds.....	—	—	15,132,734
Cannoes.....	—	—	78,501
Canvas and canvas goods, not elsewhere specified.....	—	—	182,014
Capacitors (static condensers), for power factor correction.....	—	—	—
Caps—			
Cloth.....	doz.	236,355	1,492,934
Cotton.....	"	33,489	34,287
Fur.....	"	5,438	88,076
Leather.....	"	10,365	71,353
Uniform.....	"	4,185	66,765
Not specified.....	—	—	9,811
Caps, bottle, metal.....	—	—	1,785,919
Caps, bottle, paper.....	M	991,905	500,712
Carbon dioxide, liquid.....	lb.	4,849,087	429,775
Carbon dioxide, solid.....	—	—	—
Carbonizing materials.....	—	—	—
Cards, greeting.....	—	—	1,060,619
Cards, playing.....	—	—	—
Cards, visiting.....	—	—	20,487
Carpets, mats and rugs—			
Carpets in rolls, including stair—	lin. yd.	248,909	406,039
Axminster.....	"	242,651	646,405
Wilton.....	"	160,021	156,094
Other, not specified.....	—	—	—
Carpets in squares, 4' 6" by 7' 6" or larger—	—	—	—
Axminster.....	—	—	983,022
Wilton.....	—	—	336,335
Other.....	—	—	3,833
Small squares and runners—	—	—	—
Axminster.....	—	—	167,441
Wilton.....	—	—	63,215
Other, not specified.....	—	—	132,741
Rugs, new, made from old carpets.....	—	—	68,810
Rugs, other, including rag hooked rugs.....	—	—	165,042
Carpet sweepers.....	—	—	—
Carrriages and wagons, complete (see also "Wagons").....	—	—	117,532
Carrriages and sleighs, baby.....	—	—	301,630
Carrriage and wagon bodies and boxes.....	—	—	6,192
Carrriage and wagon materials.....	—	—	279,094
Carriers, litter.....	—	—	—
Cars, electric railway, new.....	—	—	—
Cars, steam railway, new.....	No.	537	2,013,184
Cars, railway, track, motor.....	—	—	—
Cars, dump, hand, push and other, not specified.....	—	—	167,169
Carvings, wood and fibre.....	—	—	39,968
Casein, made.....	lb.	1,303,579	126,449

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.
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Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Cases, clock.....	—	—	•
Cases, fibre, not specified.....	—	—	•
Cases, first-aid.....	—	—	•
Cases, eye-glass and jewellery.....	—	—	149,580
Cases, leather, of all kinds.....	—	—	105,461
Cases, toiletware and silverware.....	—	—	•
Cases, vanity.....	—	—	•
Cases, not specified.....	—	—	49,818
Caskets.....	No.	66,722	1,805,838
Casks, wine, etc.....	No.	9,438	21,033
Castings—			
Aluminium.....	lb.	1,160,694	308,549
Brass.....	"	4,991,877	792,001
Bronze.....	"	2,074,957	457,735
Copper.....	"	151,320	32,795
Grey iron.....	"	171,292,302	6,836,053
Malleable iron.....	"	36,968,426	2,398,871
Iron, not specified.....	"	4,834,600	251,116
Steel—			
Quantity made.....	long ton	32,341	—
Quantity sold.....		34,756	4,174,401
Castings, not specified.....	—	—	372,871
Casters.....	—	—	122,705
Catalogues, printed, etc.....	—	—	1,957,763
Ceiling and siding, metal.....	—	—	101,523
Cellophane products, not elsewhere specified.....	—	—	39,763
Celluloid products, not specified.....	—	—	158,914
Cellulose sheeting.....	—	—	—
Cement, Portland.....	—	—	5,580,043
Cement, high temperature.....	lb.	4,484,514	138,562
Cement, not specified.....	—	—	70,929
Cement laundry tubs.....	—	—	34,659
Cement, rubber.....	—	—	258,382
Cereal products, prepared.....	lb.	66,380,569	9,604,920
Cereal products, unprepared.....	"	16,652,028	923,274
Certificates, stock, bond, etc., printed.....	—	—	564,828
Chain sprocket.....	—	—	•
Chains, automobile.....	—	—	545,131
Chains, other than automobile.....	—	—	607,905
Chairs, barber, dentist and beauty parlour.....	—	—	5,864
Chamois products.....	—	—	14,977
Chaplets, foundry.....	—	—	16,671
Chaps.....	—	—	•
Charcoal.....	lb.	8,233,926	358,484
Cheese, factory made.....	"	100,427,390	10,570,306
Cheese, skim milk, cottage, etc.....	"	1,103,636	86,509
Cheesecloth.....	—	—	202,129
Chemical products, not elsewhere specified.....	—	—	415,588
Cheques, notes, drafts, etc.....	—	—	215,283
Chests, cedar.....	—	—	301,354
Chewing gum.....	—	—	•
Chicken, canned (see "Meats, Canned").	—	—	•
Chicory, roasted.....	—	—	•
Children's wash suits and rompers.....	doz.	25,704	250,229
Children's waists.....	"	4,961	16,621
Children's sleepers.....	"	2,020	13,752
Children's wear, not specified.....	—	—	34,454
Chloride of lime.....	—	—	•
Chlorine, liquid.....	—	—	•
Chocolate and chocolate coating.....	lb.	13,431,269	1,612,161
Choppers, food.....	—	—	•
Churns.....	—	—	•
Cider.....	—	—	62,938
Cigars.....	M	120,508	5,159,629
Cigarettes.....	M	5,324,953	41,526,276
Cinder blocks (see "Building Blocks").	—	—	•
Clay products, not elsewhere specified.....	—	—	2,301
Cleaners, vacuum—			
Floor models.....	No.	35,684	1,437,152
Hand models.....	"	11,723	180,683
Cleaners, vacuum, and parts, not specified.....	—	—	730,588
Cleaner, hand.....	—	—	88,267
Cleaning and scouring powders and paste.....	—	—	826,562

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Cleaning preparations, other.....	—	—	212,579
Clips, wire.....	—	—	*
Clocks.....	—	—	635,445
Cloth, gummed.....	—	—	*
Cloth, hair.....	—	—	*
Clothes pins.....	gross	967,271	163,783
Clothing, oiled and waterproof (<i>see also</i> "Coats, Oiled").....	—	—	147,776
Clothing, sport and athletic, not elsewhere specified.....	—	—	193,194
Clothing, work, not specified.....	—	—	48,725
Clothing, not specified.....	—	—	131,688
Coats—			
Boys', spring and fall.....	No.	15,276	78,745
Men's, spring and fall.....	"	186,336	2,102,510
Men's woollen jackets.....	"	20,585	126,011
Men's and boys' jackets, other.....	"	—	122,975
Boys' overcoats and reefers.....	No.	107,973	797,649
Men's overcoats and topcoats.....	"	435,279	5,674,278
Women's coats and cloaks, woollen.....	"	1,075,686	12,300,079
Women's coats and cloaks, silk.....	"	43,342	272,602
Women's coats and cloaks, other.....	"	55,690	149,287
Children's coats of all kinds.....	"	336,227	1,444,796
Blazers (<i>see also</i> "Sport Clothing").....	doz.	7,629	105,239
Garage and oversill long coats.....	"	3,541	70,149
Leather coats and vests, not elsewhere specified.....	"	14,977	878,486
Mackinaws and windbreakers.....	—	—	1,936,795
Washable coats.....	—	—	97,434
Rubber and rubberized coats.....	—	—	878,317
Waterproof and rain coats, other.....	—	—	124,478
Other coats, not specified.....	—	—	68,842
Coats, fur—			
Children's.....	No.	212	4,061
Ladies'.....	"	80,745	7,178,985
Men's.....	"	4,024	224,601
Coats, fur-lined—			
Ladies'.....	"	419	18,582
Men's.....	"	172	17,359
Children's.....	"	10	169
Coat shells and plates.....	—	—	—
Cocoa.....	lb.	6,683,900	1,032,648
Cocoa butter—			
Made for own use.....	"	2,084,638	—
Made for sale.....	"	2,897,355	455,124
Cocoa and chocolate preparations, not specified.....	—	—	288,450
Cocoonut, prepared and desiccated.....	—	—	669,636
Coffee, condensed.....	—	—	—
Coffee, roasted.....	lb.	27,215,879	7,018,086
Coffee substitute.....	—	—	—
Coffins.....	No.	5,742	57,281
Coffin boxes (shells).....	"	49,287	220,051
Coke, petroleum.....	ton	76,491	436,179
Coke, gas-house.....	"	2,257,604	15,801,159
Cold storage equipment, not elsewhere specified.....	—	—	69,055
Collars and cuffs.....	doz.	63,890	146,577
Collars, fur.....	No.	129,785	694,406
Collodion.....	—	—	—
Colours, butter, cheese, etc.....	—	—	87,961
Colours, dry.....	—	—	533,175
Colours, in oil and japan.....	lb.	1,391,239	296,381
Combs.....	—	—	160,878
Comforters, cotton.....	No.	81,737	146,754
Comforters, down.....	"	24,401	193,368
Comforters, wool.....	"	9,811	48,114
Compressors, air.....	"	640	777,679
Conduit, electrical.....	—	—	710,690
Conduit fittings.....	—	—	137,310
Cones and wafers, ice cream.....	—	—	278,657
Cones and tubes, textile winding.....	—	—	*
Confectionery, chocolate—			
In bulk.....	lb.	20,762,254	3,743,154
In bars.....	doz.	17,142,334	5,834,873
In packages.....	lb.	7,617,258	2,407,762
Not specified.....	"	147,030	44,767

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value. \$
Confectionery, sugar—			
In bulk.....	lb.	44,271,215	5,788,807
In bars.....	doz.	557,578	188,091
In packages.....	lb.	3,610,849	732,510
Penny goods.....	gross	1,232,556	1,043,571
Licences.....	lb.	492,522	87,349
Not specified.....	"	3,368,950	551,155
Containers, not specified.....	—	—	142,417
Control and starting equipment, not elsewhere specified.....	—	—	648,894
Converter equipment, electrical.....	—	—	602,315
Cooperage products, not specified.....	—	—	213,939
Copper carbonate and copper cyanide.....	—	—	*
Copper metal (other than smelter products).....	—	—	*
Copper products, not specified.....	—	—	54,546
Core compound.....	—	—	*
Cores for paper rolls.....	—	—	77,424
Cores, radiator.....	—	—	231,073
Corn, cracked.....	lb.	33,457,606	491,442
Corsets, girdles, brassieres, etc.—			
Corsets.....	doz.	139,032	2,377,261
Combination garments.....	"	52,733	1,118,558
Bandeaux, brassieres, etc.....	—	—	933,455
Corset steels and clasps.....	—	—	126,218
Cotter pins.....	—	—	*
Cotton fabrics—			
Bleached or white.....	yd.	32,254,784	3,717,968
Unbleached or grey.....	"	132,899,082	13,406,058
Printed, dyed or coloured.....	"	114,298,541	16,167,922
Not specified.....	—	—	442,430
Couters, shoe.....	—	—	305,138
Covering, boiler and pipe, asbestos.....	ft.	1,477,121	136,157
Covers, baby carriage and crib.....	—	—	4,203
Covers, canvas.....	—	—	191,642
Covers, couch, table and other furniture.....	—	—	65,703
Covers, mattress.....	—	—	44,154
Covers, radiator, tire, fabric.....	—	—	293,009
Covers, not specified.....	—	—	124,264
Cracklings.....	lb.	12,429,610	230,143
Crayons, wax and chalk.....	—	—	125,452
Cream, sold in dairy factories.....	lb.	16,371,950	7,943,206
Cream, whey, sold in dairy factories.....	"	539,447	90,629
Cream of tartar, refined.....	"	566,356	140,318
Cream separators.....	No.	12,107	791,346
Cross arms.....	—	—	57,381
Croton aldehyde.....	—	—	*
Crushers and parts.....	—	—	144,731
Cuffs, fur.....	No.	61,136	240,521
Cultivators.....	"	6,345	388,404
Culverts, sheet metal.....	—	—	642,731
Cups, paper.....	No.	81,868,800	213,442
Curtains and curtain material.....	—	—	991,664
Curtain rods and fixtures.....	—	—	*
Cushions.....	No.	137,350	133,769
Cushion forms.....	"	127,399	42,665
Cushions and mattresses, air and sponge.....	doz.	1,001	12,981
Cutlery, all kinds.....	—	—	517,011
Dairy products, not specified.....	—	—	39,736
Dairy equipment, not specified.....	—	—	566,686
Decorations, including party favours, confetti, etc.....	—	—	69,236
Dentists' supplies, not elsewhere specified.....	—	—	132,570
Deodorant.....	—	—	162,671
Depressors, tongue.....	—	—	10,197
Desk sets.....	—	—	15,197
Dextrine.....	—	—	*
Diaries, printed, etc.....	—	—	67,825
Dies, cutting, and other.....	—	—	136,307
Dies, stamping.....	—	—	160,804
Dies, taps and stocks.....	—	—	390,244
Dies, drawing.....	—	—	69,666
Dies, rubber, not elsewhere specified.....	—	—	9,280
Diggers, potato.....	No.	340	29,112
Discs, agricultural.....	—	—	440,464

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Dish cloths.....	doz.	63,549	32,626
Disinfectants.....	—	—	224,120
Display forms, stands and mounting.....	—	—	124,831
Distillers' grain.....	—	—	44,540
Dog collars.....	—	—	13,214
Dolls of all kinds.....	—	—	5,516
Doll furnishings.....	—	—	73,019
Doors, steel rolling, kalomein and hollow metal.....	—	—	65,475
Dowels.....	M ft.	15,319	92,944
Draperies and drapery material.....	—	—	65,475
Dresses, women's, including "House Dresses".....	No.	10,209,707	22,346,365
Dresses, children's.....	"	1,930,497	1,427,148
Dressing gowns, negligees (see "Bathrobes, etc.").	—	—	—
Dressing, salad.....	lb.	1,513,924	356,050
Driers, kieselguire.....	Imp. gal.	34,388	41,594
Drills, grain.....	No.	4,481	519,125
Drills, rock.....	—	—	680,432
Drills, not elsewhere specified.....	—	—	490,448
Druggists' sundries, not specified.....	—	—	295,798
Dyeing, cleaning, finishing, shrinking, etc.—	—	—	—
Dyeing and cleaning of garments.....	—	—	5,040,512
Dyeing and cleaning of carpets, feathers, etc.....	—	—	473,457
Dyeing and finishing of textiles.....	yd.	30,814,590	2,210,464
Dyeing and finishing of yarns.....	lb.	2,004,223	1,303,782
Dyeing and finishing of other products.....	—	—	364,608
Bleaching.....	—	—	163,889
Dyes.....	—	—	253,565
Eavestrough and pipe.....	—	—	225,073
Egg substitute, including powdered albumen.....	lb.	320,096	173,318
Eggs, frozen.....	"	2,501,153	436,438
Eiderdown.....	—	—	*
Elastic products.....	—	—	90,568
Electrical apparatus, parts and supplies, not elsewhere specified.....	—	—	448,080
Electrical instruments, ammeters, etc.....	—	—	1,011,458
Electric light and power.....	—	—	137,114,911
Electrodes, carbon and graphite.....	ton	22,950	1,739,435
Electrotyping and stereotyping.....	—	—	952,053
Elevator parts.....	—	—	349,824
Elevators, freight and passenger.....	No.	395	1,160,912
Embalming fluid.....	—	—	31,715
Embossing.....	—	—	100,142
Embroideries and laces.....	—	—	177,395
Enamel, synthetic type.....	Imp. gal.	409,712	1,289,573
Enamel, frit.....	—	—	*
Enamel, Japan.....	—	—	125,842
Enamels, other.....	Imp. gal.	541,518	1,552,088
Engines, auto and parts, not elsewhere specified.....	—	—	—
Engines, gasoline.....	No.	4,393	771,220
Engines, steam.....	—	—	73,519
Engines, gas, oil and not specified.....	—	—	94,242
Engraving (trade work).....	—	—	589,404
Enslinge cutters.....	—	—	5,750
Envelopes.....	—	—	3,560,457
Ethyl acetate.....	—	—	*
Eveners.....	No.	37,075	26,444
Excelsior.....	—	—	105,144
Excelsior pads, wrappers, etc.....	No.	13,943,644	86,800
Explosives.....	—	—	6,180,608
Extracts, flavouring.....	—	—	1,538,395
Fabrics, bathrobe and kimono, not elsewhere specified.....	—	—	45,052
Fabrics, coated and impregnated, not elsewhere specified.....	—	—	1,631,438
Fabrics, not specified.....	—	—	254,597
Facings and parting, foundry.....	ton	2,704	70,010
Fanning mills.....	—	—	13,432
Fans, electric, not elsewhere specified.....	—	—	19,453
Fasteners, zipper.....	—	—	553,069
Fasteners of all kinds, not elsewhere specified.....	—	—	323,095
Feathers, artificial.....	—	—	46,271
Feathers and down, processed.....	—	—	*
Feed, chopped.....	ton	775,473	18,790,615
Felt, coated and saturated (fabric).....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Felt, for pulp and paper-making (wool and cotton).....	lb.	2,633,621	2,888,512
Felt, hair.....	"	642,646	75,803
Felt, harness.....	"	263,917	98,695
Felt, jute.....	"	-	*
Felt, padding.....	"	-	79,124
Felt, lining and trimming.....	"	-	121,312
Felt, paper (see "Paper").	"	-	-
Felt, shoe.....	"	-	207,490
Felt, insole.....	"	-	61,158
Felt, not specified.....	"	-	377,044
Fence and railing iron.....	"	-	104,575
Fencing, wire.....	"	-	745,749
Fencing, chain link fabric.....	"	-	173,924
Fencing, snow.....	short ton	951	90,593
Ferro-alloys (ferro-silicon, ferro-manganese, etc.).....	"	-	*
Fertilizers.....	lb.	292,964,545	3,471,778
Fibre board.....	lb.	8,195,509	278,379
Fibre, vulcanized.....	"	-	*
Fibre products, not elsewhere specified.....	"	-	*
Files and rasps.....	"	-	*
Filing system supplies.....	"	-	680,968
Fillers and flats, egg-case.....	"	-	114,247
Fillers, paste and liquid.....	"	-	46,657
Fillings, pie and cake.....	lb.	1,657,375	141,581
Films, motion picture.....	"	-	*
Films, photographers'.....	"	-	*
Filters, filter presses, discs, etc.....	"	-	57,721
Firebrick, from imported clay.....	"	-	334,315
Firebrick, from domestic clay.....	"	-	90,149
Fire clay.....	ton	2,272	15,574
Fire clay blocks and shapes, from domestic clay.....	"	-	71,344
Fire extinguishers.....	"	-	216,364
Fire fighting equipment, not elsewhere specified.....	"	-	367,460
Fireplace furnishings.....	"	-	*
Fireworks.....	"	-	*
Fish, canned and otherwise prepared in factories.....	"	-	18,253,891
Fish, fresh, marketed for consumption, sold in factories.....	"	-	5,204,465
Fishing nets and fishing tackle.....	"	-	189,553
Fixtures, lighting, exterior.....	"	-	90,426
Fixtures, lighting, interior.....	"	-	1,218,204
Fixtures, lighting, not specified.....	"	-	186,587
Flags and bunting.....	"	-	63,286
Flatware, electro-silver plated.....	"	-	1,240,698
Flaxseed.....	bush.	18,360	61,697
Floor covering, congoleum and other.....	"	-	*
Flooring, hardwood.....	M. bd. ft.	34,973	1,792,302
Floor tile and joists, steel.....	"	-	50,143
Flour and meal, barley.....	lb.	11,493,626	136,683
Flour, buckwheat.....	"	2,118,809	52,298
Flour, corn.....	"	6,123,906	173,587
Flour, low grade or feed.....	ton	24,562	618,472
Flour, pancake.....	"	-	*
Flour, potato (see "Starch and flour, potato").	"	-	-
Flour, prepared, and self-raising.....	lb.	6,406,312	480,698
Flour, wheat, blended.....	bbL	87,644	368,600
Flour, wheat, fall or winter.....	"	828,087	3,216,723
Flour, wheat, spring.....	"	13,222,197	53,585,560
Flour, graham, or whole wheat.....	lb.	10,075,321	237,415
Flour and meal, rye.....	"	5,157,411	145,032
Flowers, artificial.....	"	-	209,312
Fly pads and paper.....	"	-	214,859
Fly swatters.....	"	-	*
Foil of tin, lead and aluminium.....	"	-	*
Folding (trade work).....	"	-	23,592
Food drinks (powdered).....	lb.	1,221,240	550,911
Food drinks (liquid).....	"	-	480,990
Food, fox and dog.....	"	-	860,903
Food, poultry and stock.....	"	-	6,666,393
Food, infant and dietetic, prepared.....	lb.	405,562	147,070
Food, infants', canned.....	"	981,386	219,139
Food products, not specified.....	"	-	126,407
Footwear, leather—	"	-	*
Felt upper, babies'.....	"	-	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value. \$
Footwear, leather—Concluded			
Felt upper, boys'	pair	20,715	22,939
Felt upper, children's	"	49,801	36,761
Felt upper, men's	"	275,455	346,490
Felt upper, women's	"	237,666	176,451
Leather or fabric upper, babies'	"	969,845	607,505
Leather or fabric upper, boys'	"	1,255,834	1,783,699
Leather or fabric upper, children's	"	2,608,440	2,655,492
Leather or fabric upper, men's	"	5,940,209	12,893,019
Leather or fabric upper, women's	"	8,499,739	15,780,569
Not specified	—	—	*
Footwear, shoe packs, harrigans and moccasins—			
Babies'	pair	4,320	1,848
Boys'	"	52,664	47,585
Children's	"	18,721	10,661
Men's	"	132,753	170,564
Women's	"	12,507	10,276
Not specified	"	2,388	2,044
Footwear, rubber—			
Knee and hip rubber boots	"	1,870,663	3,238,725
Lumbermen's rubber boots	"	1,358,228	2,379,208
Overshoes	"	2,526,871	4,608,007
Rubbers, light, including bathing shoes	"	4,123,759	2,676,370
Canvas, rubber-soled, balmorals	"	557,989	502,928
Canvas, rubber-soled, oxfords	"	3,608,447	2,596,502
Not elsewhere specified	—	—	1,898,577
Forkings, not elsewhere specified			
Forks (hand implements)	No.	402,305	389,108
Formaldehyde	—	—	—
Forms, continuous, printed	—	—	1,259,661
Fountains, soda	—	—	*
Frames, spectacle	—	—	*
Fringes, cords and tassels	—	—	199,868
Fruit butter	lb.	16,465	1,947
Fruit peel, candied	"	1,785,265	282,889
Fruits, canned—			
Apples	"	9,173,539	473,320
Apple sauce	"	90,198	5,812
Apricots	"	1,061,913	100,900
Blueberries	"	1,277,263	78,638
Cherries	"	6,320,832	489,888
Grapefruit	—	—	*
Loganberries	lb.	1,188,802	115,695
Peaches	"	13,536,843	1,287,084
Pears	"	15,076,579	1,212,026
Pineapple	—	—	*
Plums	lb.	3,682,327	218,313
Raspberries	"	2,259,919	262,200
Rhubarb	"	599,538	28,876
Strawberries	"	1,383,169	163,696
Fruits for salads	—	—	*
Other small fruits, not specified	lb.	149,254	15,449
Fruits, evaporated, other than apples			
Fruits, fountain	—	—	352,879
Fruits, glaces	lb.	1,422,346	353,479
Fruits and vegetables, cold processed	"	1,260,883	125,028
Fruits processed with sulphur dioxide	"	2,506,996	240,451
Fuel, hog	cord	183,101	141,759
Fumigators	—	—	100,278
Furnaces and muffles, electro-metallurgical	—	—	1,062,751
Furnaces, hot air	No.	15,004	63,942
Furnace parts, not elsewhere specified	—	—	*
Furniture—			
Bedroom furniture	—	—	3,573,327
Dining room furniture	—	—	1,944,131
Kitchen furniture	—	—	1,150,791
Living room furniture	—	—	4,567,640
Other household furniture	—	—	1,391,734
Office and store furniture and fixtures (see also "Store Fixtures")	—	—	1,837,945
Office furniture, steel	—	—	776,800
Other steel furniture	—	—	120,642
School, lodge, church and theatre furniture	—	—	755,859
Camp furniture	—	—	821,717
Children's furniture	—	—	124,530

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Furniture— <i>Concluded</i>			
Wicker, reed and rattan furniture.....	—	—	271,384
Furniture, not specified, and other cabinet work.....	—	—	821,915
Furniture frames and parts.....	—	—	333,893
Fur dressing and dyeing.....	—	—	1,374,747
Fur trimming and fur goods, not elsewhere specified.....	—	—	609,840
Furs, remodelled, repaired, etc.....	—	—	2,169,796
Fuses and fuse wire.....	—	—	864,641
Gaiters, spats and leggings.....	—	—	278,565
Galvanized ware.....	—	—	766,890
Games, not specified.....	—	—	54,520
Garage equipment.....	—	—	390,332
Garages, metal.....	—	—	71,182
Gas, made—			
Retort coal gas.....	M cu. ft.	5,764,033	—
Coke oven gas.....	—	27,053,803	—
Carbonated water gas.....	—	2,133,362	—
Oil gas.....	—	49,621	—
Producer gas for heating and dilution.....	—	4,720,191	—
Gas sold.....	—	15,398,952	15,358,572
Gas used in makers' plants.....	—	13,329,088	1,660,389
Gas used in associated metallurgical work.....	—	9,155,263	1,191,270
Gas, otherwise accounted for, but not sold.....	—	526,651	262,956
Gas, not accounted for.....	—	1,425,883	1,330,013
Gas, still, from petroleum refineries.....	—	5,154,885	1,105,166
Gasoline.....	Imp. gal.	513,717,470	45,182,511
Gates, wire.....	—	—	63,287
Gauges, not specified.....	—	—	*
Gears, not elsewhere specified.....	—	—	38,907
Generators—			
Alternating current.....	No.	52	1,397,138
Direct current.....	—	77	43,011
Generators, steam.....	—	—	45,563
Glass, bent.....	—	—	17,410
Glass, bevelled, and polished edge.....	—	—	289,819
Glass, chipped or etched.....	—	—	17,293
Glass, cut.....	—	—	211,613
Glass, leaded, including memorial windows.....	—	—	110,084
Glass, non-shatterable.....	—	—	1,221,889
Glass, pressed, and blown.....	—	—	7,337,260
Glass, windshield.....	—	—	*
Glass products, not specified.....	—	—	129,476
Glassware, druggists', not specified.....	—	—	86,815
Gloves and mittens, fabric—			
Working gloves and mittens.....	doz. pr.	318,797	466,402
Other, not specified.....	—	32,570	122,846
Gloves and mittens, leather, dress—			
Men's, lined.....	doz. pr.	67,455	656,308
Men's, unlined.....	—	50,457	481,443
Women's and children's, lined.....	—	24,853	203,613
Women's and children's, unlined.....	—	38,289	339,607
Gloves and mittens, leather, working—			
Men's, lined.....	—	104,691	703,288
Men's, unlined.....	—	211,708	1,148,700
Boys', lined.....	—	39,214	141,141
Boys', unlined.....	—	5,392	21,576
Gloves and mittens, leather, not specified.....	—	—	*
Gloves and mittens, fur and fur-lined.....	—	—	*
Gloves, rubber.....	doz.	91,837	198,466
Glucose or dextrose.....	—	—	*
Glue (bone, hide, fish and vegetable).....	—	—	857,986
Glue stock.....	lb.	20,195,813	80,605
Gluten.....	—	—	*
Glycerine, crude (sold as such).....	lb.	3,270,696	108,279
Glycerine, refined.....	—	6,456,849	700,069
Gold, alloys.....	—	—	361,227
Gold, fine.....	—	—	975,760
Gold leaf.....	—	—	*
Golf supplies, not elsewhere specified (including golf bags, clubs, sticks, heads and stick shafts).....	—	—	318,203
Grains, sold wet and dry (breweries).....	—	—	250,185
Granite, cut (building and ornamental).....	—	—	1,452,447
Grape juice.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Graphite.....	—	—	*
Grate bars.....	lb.	1,473.219	75.024
Grense.....	"	22,944.951	1,155.573
Grills and hot plates, electric.....	No.	94,528	181.217
Grinders, metal-working.....	—	—	76,847
Grinding balls.....	—	—	*
Grinding compound.....	—	—	*
Gums, synthetic.....	—	—	*
Gums, unvulcanized.....	lb.	176.283	39.034
Gymnasium supplies, not specified.....	—	—	*
Gypsum blocks.....	—	—	*
Hair, animal.....	—	—	169,398
Hair goods (from human and animal hair).....	—	—	47,805
Hair wavers.....	—	—	*
Halters.....	No.	89,176	54,918
Hammers.....	—	—	*
Hammers.....	—	—	*
Hammo-stands.....	—	—	*
Hammo-stands.....	—	—	*
Handkerchiefs.....	doz.	136,637	108.554
Handles, broom and mop.....	No.	10,798,580	114,208
Handles, long tool and axe.....	"	2,452,312	459,965
Handles, small tool.....	"	9,008,009	114,227
Handles, not specified.....	—	—	51,272
Hangers, garment.....	No.	3,429,840	80,624
Hardware, automobile.....	—	—	895,845
Hardware, builders.....	—	—	1,689,552
Hardware, carriage and saddlery.....	—	—	294,061
Hardware, other, not specified.....	—	—	849,537
Harness, double.....	set	6,151	207,410
Harness, single.....	"	3,281	68,674
Harness collars.....	No.	115,961	311,724
Harness parts.....	—	—	593,004
Harrows.....	No.	15,742	292,012
Harrow sections and parts, not specified.....	—	—	68,767
Hat blocks.....	—	—	53,486
Hat boxes.....	No.	21,937	130,805
Hat linings.....	doz.	198,062	122,312
Hats, cotton.....	"	38,988	169,152
Hats, fur felt—	—	—	—
Men's.....	"	80,531	1,011,743
Women's.....	"	32,494	709,900
Hats, wool felt—	—	—	—
Men's.....	"	42,324	510,993
Women's.....	"	159,351	1,866,756
Children's.....	"	11,408	67,131
Hats, velour felt.....	—	—	57,063
Hats, linen.....	doz.	2,462	23,315
Hats, straw—	—	—	—
Men's.....	"	30,097	159,792
Women's.....	"	107,941	1,562,946
Children's.....	"	12,889	25,577
Other, not specified.....	—	—	9,740
Hats, Panama.....	doz.	3,050	42,496
Hats, silk, men's.....	—	—	*
Hats, silk and crepe, women's.....	doz.	24,996	243,379
Hats, velvet.....	"	10,196	171,186
Hats, wool.....	"	11,313	54,352
Hats, not specified—	—	—	—
Women's.....	"	3,667	57,131
Children's.....	"	7,874	34,921
Not specified.....	—	—	16,055
Traps and berets.....	doz.	123,119	326,459
Hats, cleaned and reblocked.....	"	5,854	38,080
Hat bodies.....	"	260,461	1,247,632
Hatters' supplies.....	—	—	25,057
Hay carriers.....	—	—	*
Hay forks.....	—	—	*
Hay loaders.....	No.	524	36,840
Hay presses.....	—	—	*
Hay rakes, side delivery and tedder combined.....	—	—	*
Hay rakes, other.....	No.	5,340	141,468

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Heading, barrel.....	—	—	222,787
Heaters, air.....	No.	13,568	37,029
Heaters, auto engine.....	—	—	*
Heaters, boiler feed, water.....	—	—	*
Heaters, car.....	—	—	242,147
Heaters, electric, water.....	—	—	97,372
Heaters, water tank, gas and other.....	—	—	203,439
Heaters, electric, not specified.....	—	—	28,930
Heaters, electric unit.....	—	—	68,984
Heating and ventilating equipment, not elsewhere specified.....	—	—	831,319
Heels, leather and wood.....	—	—	937,795
Heel board.....	—	—	20,360
Heels, rubber, and composition.....	pair	18,599,805	939,051
Helmets.....	doz.	20,794	124,858
Hides, not specified.....	No.	853,676	3,419,248
Hockey pucks.....	doz.	19,195	9,094
Hockey sticks.....	"	50,155	146,119
Hoes, hand.....	No.	116,005	76,914
Hoes, horse.....	—	—	*
Hoists.....	—	—	775,768
Hollow-ware, sterling silver.....	—	—	124,664
Hollow-ware and spinings, brass and copper.....	—	—	332,897
Hollow-ware, electro-plated, on nickel-silver.....	—	—	231,997
Hollow-ware, electro-plated on Britannia metal.....	—	—	494,164
Hollow-ware, electro-plated, on brass.....	—	—	754,908
Hollow-ware, iron and steel.....	—	—	90,640
Hooks, eyes, metal notions, etc.....	—	—	7,577
Hoops, wooden.....	No.	3,380,795	36,746
Hoops, metal.....	—	—	46,241
Horse-dish, prepared.....	lb.	185,664	48,629
Horse-shoes.....	—	—	*
Hose clamps.....	—	—	19,974
Hose, fire, unlined, linen.....	—	—	*
Hose, rubber.....	lb.	4,739,728	1,726,024
Hosiery—			
Cotton.....	doz. pr.	1,410,020	2,234,076
Mercerized.....	"	418,284	1,029,418
Merino and mixed.....	"	123,309	318,426
Artificial silk.....	"	258,067	564,190
Artificial silk and mixtures.....	"	429,621	1,032,547
Silk.....	"	2,048,720	10,983,738
Silk mixed.....	"	38,439	148,075
Woollen and worsted.....	"	1,462,963	4,515,717
Not specified.....	—	—	9,800
Hydrants.....	—	—	36,255
Hydrogen.....	cu. ft.	40,134,386	50,402
Hydrogen peroxide.....	—	—	*
Ice, artificial.....	ton	343,265	1,356,261
Ice cream.....	gal.	6,587,663	8,051,083
Ice cream mix.....	—	—	304,006
Ice cream sundries.....	—	—	32,185
Ice cream freezers.....	—	—	*
Iceings and icing paste.....	—	—	81,873
Ignition coils, etc.....	No.	193,535	240,886
Incubators and other poultrymen's supplies.....	—	—	155,591
Infants' wear, not specified.....	—	—	203,485
Ingots and bars, brass, bronze and aluminium.....	lb.	3,231,988	260,128
Ingots, steel (sold).....	long ton	636	22,521
Inks, printing and lithographing.....	lb.	9,567,094	2,221,149
Inks, writing, and not specified.....	—	—	321,932
Insecticides.....	—	—	768,323
Insulating materials, not elsewhere specified.....	—	—	28,186
Insulator pins and brackets.....	—	—	14,489
Insulators, porcelain.....	—	—	739,085
Insulin.....	—	—	*
Irons, chair.....	—	—	*
Iron corrugated products.....	—	—	911,266
Iron, pig—			
Quantity made.....	ton	590,875	—
Quantity sold.....	"	131,749	2,650,890
Iron and steel products, rolled, strips, flats, etc.....	long ton	15,120	1,402,950
Iron and steel products, rolled (not forged), other.....	—	—	251,488

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Ironing boards.....	—	—	•
Ironers, gas.....	—	—	•
Ironers, electric.....	No.	8,913	352,126
Irons, flat, electric.....	"	173,287	279,855
Irons, gasoline.....	—	—	•
Iron work, ornamental and architectural.....	—	—	444,785
Jacks, automobile.....	—	—	114,839
Jacks, pump.....	—	—	•
Jams.....	lb.	32,930,132	3,145,871
Javelle water.....	—	—	452,828
Jellies.....	lb.	2,619,082	296,074
Jersey cloth, stockinette and tricolette.....	—	—	987,083
Jerseys.....	dos.	42,284	219,955
Jewellery.....	—	—	2,470,405
Jute, jute paddings, and webbing.....	—	—	•
Kapok.....	—	—	•
Kegs, beer.....	No.	22,332	92,030
Kegs, fish.....	—	—	•
Kegs, nail, etc.....	No.	827,815	188,203
Kerosene.....	Imp. gal.	31,833,717	3,060,431
Kitchen equipment for hotels, cafeteria, etc.....	—	—	171,165
Kitchenware, aluminium.....	—	—	1,326,525
Kitchenware, other.....	—	—	1,125,981
Kleenex and other facial paper.....	—	—	•
Knitted goods, miscellaneous, not elsewhere specified.....	—	—	682,372
Knives, machine.....	—	—	170,127
Labels, paper, gummed.....	—	—	•
Labels, woven.....	M	67,620	332,560
Laces, shoe, fabric.....	gross	566,897	482,381
Laces, shoe, leather.....	"	2,689	18,898
Laces, corset.....	—	—	•
Lacing, wire.....	—	—	•
Lacquers, nitrocellulose (pyroxyline).....	Imp. gal.	555,230	1,491,114
Lacrosse sticks.....	—	—	•
Ladders, step, extension, etc.....	—	—	93,854
Lamps, automobile.....	—	—	•
Lamps, incandescent, except therapeutic—	—	—	•
Standard size.....	No.	23,026,982	4,155,803
Miniature size.....	"	9,832,118	633,769
Lamps, table and floor.....	—	—	252,800
Lamps and lanterns, railway, marine, etc.....	—	—	368,768
Lamp shades.....	—	—	603,086
Lamp stands and lamp bases.....	No.	61,706	205,086
Lard.....	lb.	41,323,363	5,366,741
Last blocks.....	—	—	•
Lasts, trees and shoe findings, not elsewhere specified.....	—	—	489,339
Lathes, metal and wood-working.....	—	—	148,754
Lath, metal.....	lb.	4,168,131	261,839
Lath, wood.....	M	228,794	541,207
Laundry nets and cloths.....	—	—	22,112
Laundry work.....	—	—	9,561,993
Lead acetate.....	—	—	•
Lead, antimonial.....	lb.	8,253,530	340,231
Lead arsenate.....	—	—	•
Lead, refined (other than smelter products).....	lb.	1,478,939	53,270
Lead, red.....	—	—	•
Lead, white, dry.....	—	—	•
Lead, white, in oil.....	—	—	•
Lead, sheet.....	lb.	1,696,143	128,614
Lead bars and ingots.....	"	1,749,941	77,925
Lead products, not specified.....	—	—	80,676
Lead for pencils.....	tubes	984,742	37,490
Leather—	—	—	•
Belting leather.....	lb.	485,534	233,544
Bookbinders' leather.....	—	—	•
Glove and coat.....	sq. ft.	13,822,420	1,467,641
Bag, pocket-book and trunk.....	"	2,050,463	348,474
Harness leather.....	lb.	3,207,662	853,069
Lace leather.....	"	67,424	39,168
Oil tanned shoe-pack leather.....	"	88,979	16,594

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Leather—Concluded			
Sole leather—			
Chrome	lb.	321,547	124,747
Hemlock	—	—	*
Oak	lb.	20,650,276	5,573,298
Splits	—	—	*
Upholstering leather	sq. ft.	997,020	161,649
Upper leather—			
Calf skins	"	17,344,649	3,815,816
Cattle and horse hides	"	20,345,759	3,215,875
Chrome splits	—	8,561,393	695,793
Goat skins	—	—	*
Patent and enamelled shoe leather	sq. ft.	12,558,307	1,923,790
Sheep skins	"	5,725,419	517,801
Wax splits	"	649,286	57,371
Leather splits, not specified	—	—	374,076
Other leather, not specified	—	—	115,348
Leather, artificial, not elsewhere specified	—	—	*
Leather board	—	—	64,850
Leather goods, not specified	—	—	242,104
Leather, tanned (custom work)	—	—	256,032
Lenses	—	—	335,976
Life buoys and jackets	—	—	7,533
Lighters, cigarette	—	—	*
Lightning arresters, not elsewhere specified	—	—	144,824
Lightning rods and supplies	—	—	37,896
Lime, grey acetate	—	—	*
Lime for own use	lb.	14,106,170	—
Lime, hydrated	short ton	104,198	569,726
Lime, quick	—	—	2,478,635
Limestone, for building purposes	—	—	854,675
Lime material	—	—	*
Linings, brake, asbestos	ft.	2,927,962	439,904
Linings, glove, shoe and rubber	—	—	189,299
Linings, not specified	—	—	16,525
Litharge	—	—	*
Lithographing	—	—	129,612
Locks, steel	—	—	*
Locomotives, new	—	—	*
Locomotive and car parts	—	—	2,110,696
Lubricating systems, automobile	—	—	*
Lumber, matched	M bd. ft.	103,077	3,361,920
Lumber, planed	"	98,524	3,353,179
Lumber, sawn	"	2,973,169	47,911,255
Lumber, not specified	—	—	461,564
Lye	lb.	2,639,335	335,488
Macaroni and spaghetti, canned	lb.	7,205,843	540,853
Macaroni, vermicelli, spaghetti, etc.	"	35,524,913	1,583,784
Machinery—			
Adding machines	No.	2,963	302,105
Bakers' mixing machines	—	435	154,626
Bakers' machinery, not elsewhere specified	—	—	136,024
Baling machinery	—	—	*
Basket making machinery	—	—	*
Boot and shoe machines	—	—	*
Boring machines (wood-working)	—	—	*
Bottlers' machinery	—	—	14,229
Brewery and distillery machinery	—	—	*
Canning machinery and parts	—	—	98,797
Cheese factory machinery	—	—	13,998
Chlorinating machinery	—	—	63,000
Cleaning and pressing machinery	—	—	164,363
Coal handling and coal pulverizing machinery	—	—	*
Concrete and cement making machinery	—	—	117,739
Confectioners' machinery, not elsewhere specified	—	—	*
Cutters, not specified	—	—	17,536
Dairy machinery	—	—	449,001
Flour and grist mill machinery, not elsewhere specified	—	—	38,593
Fog signalling machinery	—	—	*
Grain cleaners	—	—	171,129
Grain grinders	—	—	103,102
Grain elevator machinery	—	—	136,492
Hauling machinery, not elsewhere specified	—	—	746,693

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Machinery—Concluded			
Ice-making machinery	—	—	*
Industrial machinery, not specified	—	—	*
Kitchen machinery, not specified	—	—	12,601
Knitting machinery	—	—	*
Laundry machinery	—	—	562,601
Leather-working machinery, not elsewhere specified	—	—	3,850
Logging machinery	—	—	*
Lumber and shingle drying machinery	—	—	*
Metal-working machinery, not elsewhere specified	—	—	172,147
Motoring equipment	—	—	213,487
Milking machines	—	—	*
Milling cutters	—	—	*
Mining and metallurgical machinery, not elsewhere specified	—	—	1,121,549
Office machinery, not elsewhere specified	—	—	11,756
Oil refining and refrigerating equipment	—	—	103,196
Packing house machinery	—	—	31,587
Paint making machinery	—	—	*
Pipe-cutting and threading machinery	—	—	37,444
Printing machinery	—	—	48,832
Pulp and paper machinery	—	—	558,129
Refrigerating machinery	—	—	*
Road and excavating machinery	—	—	710,314
Rolling mill machinery	—	—	*
Rubber mill machinery	—	—	146,152
Sewing, band, machines	—	—	11,629
Saw and planing mill machinery	—	—	172,343
Sewing machines	—	—	*
Shingle machinery	—	—	4,800
Ship machinery and fittings	—	—	145,604
Stapling machinery	—	—	*
Stone-working machinery	—	—	32,740
Syrup making machinery	—	—	75,985
Textile machinery, not elsewhere specified	—	—	30,399
Transmission machinery	—	—	925,327
Vulcanizing machinery	—	—	*
Washing machines, electric	No.	75,171	3,603,164
Washing machines, hand	"	9,997	99,099
Washing machines, other power	"	2,183	173,850
Washing machine parts	—	—	*
Water softening equipment	—	—	*
Well drilling machinery	—	—	*
Wood-working machinery, not elsewhere specified	—	—	50,272
Machinery, not specified	—	—	908,524
Machinery parts, not specified	—	—	791,048
Mackinaw	yd.	655,028	595,007
Magnesia	—	—	*
Magnesium carbonate	—	—	*
Malt, made for sale	—	—	*
Malt flour	lb.	1,438,493	87,586
Malt extract and syrup	—	—	579,507
Malt coommings and sprouts	—	—	67,732
Malt products, other	—	—	29,298
Mantles, lamp	—	—	*
Manure spreaders	No.	1,738	185,368
Maple butter	—	—	*
Maps	—	—	192,619
Marble, cut and polished, building and ornamental	—	—	288,476
Marble chips and dust	—	—	11,870
Marine and fishermen's supplies	—	—	44,312
Marking devices	—	—	*
Marmalades	lb.	9,137,326	857,315
Match blocks	—	—	*
Match splints	—	—	*
Matchers and planers (wood-working)	—	—	20,206
Matches	cases	488,976	1,516,898
Mats and matting, cocoa	—	—	*
Mats and matting, rubber	lb.	3,255,249	472,166
Mattress materials, not elsewhere specified	—	—	7,286
Mattresses	—	—	3,524,137
Meal, alfalfa	ton	8,466	144,247
Meal, corn	lb.	57,183,971	905,173
Meal, linseed and flax	—	—	18,116
Meal, oilcake	ton	24,035	721,804

Notes.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Meal, pea.....	ton	52	4,758
Meal, rice.....	"	2,470	49,424
Meal, soybean.....	"	-	-
Meats, canned—			
Chicken.....	lb.	413,617	98,054
Poultry, not specified.....	"	170,822	45,179
Meats, canned, other.....	"	4,007,740	863,572
Meats, cooked, all kinds.....	"	16,801,561	4,281,157
Meats, cured—			
Bacon and sides.....	lb.	94,025,993	17,006,572
Beef (salted and cured).....	"	2,420,268	216,630
Hams.....	"	32,509,748	6,392,859
Pork salted.....	"	49,766,125	7,391,522
Shoulders.....	"	16,906,174	2,638,140
Other.....	"	22,173,322	3,576,917
Meats, sold fresh—			
Beef.....	"	394,181,881	30,547,748
Fancy meats, not specified.....	"	4,553,445	291,251
Mutton and lamb.....	"	40,232,510	4,849,672
Pork.....	"	131,868,434	17,091,227
Veal.....	"	62,168,111	5,374,855
Other.....	"	1,791,365	100,909
Mechanical work, including cranes, car unloaders, etc.....	ton	1,589	250,846
Medicines, patent and proprietary preparations of all kinds.....	"	-	15,302,811
Metal products, not specified.....	"	-	454,028
Meter parts.....	"	-	-
Meters, gas.....	"	-	114,573
Meters, water.....	"	-	-
Methyl hydrate, crude and pure (for sale).....	Imp. gal.	298,038	213,931
Methyl hydrate, crude (for own use).....	"	305,772	137,467
Mica products.....	"	-	-
Milk, sold in dairy factories.....	"	-	23,444,858
Milk, buttermilk, sold.....	"	-	391,603
Milk, buttermilk, condensed.....	"	-	8,065
Milk, condensed milk.....	lb.	9,149,309	847,837
Milk, condensed skim milk.....	"	4,386,104	218,906
Milk, skim milk.....	"	-	35,346
Milk, skim milk, evaporated.....	"	-	3,984
Milk drinks (see "Food drinks").....			
Milk, evaporated.....	lb.	66,218,061	4,170,421
Milk products, not specified.....	"	-	1,623
Mince-meat.....	lb.	3,736,122	321,588
Mine props, wedges and laths.....	M ft.	568	10,858
Mirrors.....	"	-	638,185
Molasses.....	"	-	336,827
Monuments, finished, lettered only.....	"	-	389,556
Mops, cotton, not specified.....	"	-	32,253
Mops, floor.....	"	-	346,061
Motion pictures.....	ft.	31,272,316	1,067,364
Motors, electric, A.C. and D.C. (except starting motors).....	No.	149,032	2,760,991
Motors, other, and parts.....	"	-	323,648
Moulders, wood working.....	"	-	-
Mouldings.....	"	-	801,332
Moulds, rubber.....	"	-	-
Mounting (trade work).....	"	-	65,116
Mowers, hay.....	No.	11,859	716,026
Mowers, lawn.....	"	20,536	141,740
Mucilage.....	"	-	45,753
Muffs and muff beds.....	"	-	252,100
Music, printed.....	"	-	3,736
Musical instruments and parts, not elsewhere specified.....	"	-	39,829
Musical instruments in process of manufacture.....	"	-	45,564
Mustard, dry.....	lb.	449,226	59,154
Mustard, prepared.....	gal.	409,002	292,998
Nails, furniture.....	"	-	-
Nails and tacks, cut.....	kegs	14,991	99,371
Nails, horseshoe.....	"	-	-
Nails, tacks and brads, wire—			
Quantity made.....	kegs	1,046,517	-
Quantity sold.....	"	1,045,292	3,348,810
Naphtha V.M. and P. or solvent.....	"	-	688,201
Neckties.....	doz.	608,812	2,277,520

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Neckwear, women's.....	dos.	89,204	410,993
Neckwear, not specified.....	—	—	19,009
Neck pieces, fur.....	No.	14,049	309,555
Neck yokes.....	—	—	•
Needles, knitting.....	—	—	•
Needles, knitting, machine.....	—	—	•
Nickel-silver, not elsewhere specified.....	—	—	•
Nightdresses.....	doz.	121,670	1,126,142
Nightshirts.....	—	9,151	83,990
Nitrogen.....	—	—	•
Nitrous oxide.....	—	—	•
Novelties, advertising, and other, not specified.....	—	—	89,125
Novelties, printed.....	—	—	808,419
Nuts, salted.....	lb.	226,657	100,139
Oars and paddles.....	—	—	49,825
Oats, rolled.....	lb.	129,137,011	5,015,545
Oatmeal.....	—	13,423,952	544,724
Offal, not specified.....	ton	105,049	2,178,611
Oil burners and parts.....	—	—	270,824
Oilcake.....	ton	4,326	126,674
Oilcloth, other than floor.....	—	—	•
Oil, coconut.....	—	—	•
Oil, core.....	gal.	173,794	144,156
Oil, corn, crude.....	—	—	•
Oil, corn, refined.....	—	—	•
Oil, cottonseed.....	lb.	5,199,664	424,574
Oil, creosote.....	—	—	•
Oil, engine and tractor distillate.....	Imp. gal.	39,431,237	3,410,812
Oil, fruit.....	—	—	•
Oil, fuel, made for sale.....	Imp. gal.	308,732,106	11,196,443
Oil, fuel, made for own use.....	—	51,926,741	1,920,684
Oil, gas, including light fuel oil (made for sale).....	"	109,108,064	4,451,283
Oil, fuel, including light fuel oil (made for own use).....	"	201,331	9,700
Oil, fusel.....	—	—	•
Oil, hydrogenated fish.....	—	—	•
Oil, lard.....	lb.	1,158,787	113,792
Oil, linseed, boiled.....	gal.	684,011	531,380
Oil, linseed, raw.....	"	1,739,047	1,086,958
Oil, linseed, special.....	"	885,134	634,857
Oil, lubricating.....	—	—	4,115,476
Oil, neatsfoot.....	lb.	276,478	29,344
Oil, oleo.....	"	3,974,423	342,534
Oil, peanut.....	"	1,131,818	80,011
Oil, silk.....	—	—	•
Oil, soybean.....	—	—	•
Oils, light, not elsewhere specified.....	gal.	1,561,503	227,250
Oil, stand blown or enamel.....	Imp. gal.	4,850	6,898
Oils, sulphonated, textile oils and other textile chemicals.....	—	—	673,566
Oils, turkey red.....	lb.	665,606	54,797
Oils, other, not specified.....	—	—	598,523
Olives.....	gal.	254,444	522,963
Organs, pipe.....	No.	25	135,310
Organs, other.....	—	—	4,683
Ornaments, not specified.....	—	—	47,581
Ovens, bakers'.....	—	—	116,372
Ovens, electric, industrial.....	—	—	60,875
Overalls, combination.....	dos.	24,701	475,792
Overalls, with and without bib.....	"	210,365	2,793,426
Overalls, children's.....	"	46,885	293,295
Overalls, not specified.....	"	4,446	43,634
Oxygen.....	cu. ft.	136,059,706	1,273,060
Packing, asbestos.....	lb.	229,724	107,824
Packing, rubber.....	"	439,769	89,281
Packing, not specified.....	—	—	•
Pads, horse shoe.....	—	—	26,914
Pads, scouring, steel.....	—	—	•
Pads and padding, not specified.....	—	—	78,106
Pads, stamp.....	—	—	14,092
Pads, sweat.....	No.	42,834	178,425
Pads, thermal heat.....	—	—	•
Pails, ice cream.....	—	—	47,394

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Pails, oyster.....	—	—	*
Pails and tubs, wooden.....	—	—	137,966
Painting equipment, not specified.....	—	—	95,891
Paint, varnish and enamel removers.....	Imp. gal.	51,497	105,984
Paints, aluminium and gold.....	gal.	43,166	114,336
Paints, asphaltic and tar.....	Imp. gal.	231,377	170,717
Paints, mixed, ready for use.....	—	3,158,696	7,592,453
Paints, cold water.....	lb.	8,180,141	471,594
Paints, paste.....	"	4,386,396	446,040
Paints, iron oxide.....	Imp. gal.	43,357	65,077
Paints, varnishes and cements, coal tar.....	—	—	—
Paints and enamels, not specified.....	—	—	58,957
Panel boards and cabinets.....	—	—	226,278
Pants, men's—			
Woolen.....	No.	1,126,852	3,008,956
Other.....	"	414,880	568,495
Pants and bloomers, boys'—			
Woolen.....	"	867,427	934,544
Other.....	"	266,437	199,922
Pants and knickers, outing.....	—	—	487,006
Pants and breeches, working—			
Cotton.....	doz.	122,281	1,750,420
Woolen.....	"	70,681	1,302,526
Pants, baby, rubber.....	"	345,132	201,681
Pants, rubberized and oiled.....	"	2,868	54,822
Paper—			
Adding machine.....	—	—	54,513
Asbestos.....	—	—	*
Blotting.....	ton	895	182,621
Blue and brown print.....	rolls	37,828	133,718
Book and writing paper—			
Wood fibre, chief ingredient.....	short ton	35,183	3,978,291
Cover.....	"	1,261	234,115
Fine paper, not specified.....	ton	1,285	127,843
Writing paper, basic stock.....	"	31,901	5,999,032
Writing paper, pads, tablets, etc.....	—	—	518,385
Map, lithograph, woodcut, etc.....	ton	720	101,508
Box cover, coloured.....	—	—	51,446
Building and roofing paper—			
Asphalt saturated rag, asbestos and solka felt shingles.....	squares	276,572	1,245,120
Asphalt saturated rag, asbestos and solka felt sidings.....	"	39,778	235,329
Mineral surfaced rag, asbestos and solka felt roll roofing.....	"	178,973	379,721
Smooth surfaced rag, asbestos and solka felt roll roofing.....	"	636,053	536,838
Tar and asphalt saturated rag, asbestos and solka felts, not coated.....	ton	7,789	441,081
Tar and asphalt saturated and coated sheathings and felts.....	"	6,114	412,143
Waterproof roofing paper.....	—	—	*
Paper, building, roofing and sheathing, untreated.....	short ton	23,530	1,227,919
Carbon.....	—	—	433,206
Cellophane, cut.....	—	—	*
Cigarette.....	—	—	*
Coated.....	lb.	11,599,779	1,138,005
Corrugated.....	—	—	341,959
Creped or crinkled.....	lb.	2,851,016	185,151
Dry transfers and decalcomania.....	—	—	223,762
Foolsap, not elsewhere specified.....	—	—	54,323
Friction or flint glazed.....	—	—	*
Glassine.....	—	—	*
Gummed.....	—	—	*
Parchment.....	—	—	*
Paper napkins.....	—	—	328,691
Paper doilies, etc.....	—	—	8,594
Newsprint paper—			
Hanging papers.....	—	—	*
In sheets, for printing.....	short ton	28,637	1,039,944
In rolls, for printing.....	"	2,723,359	80,985,761
Poster paper.....	"	1,176	75,090
Other.....	"	4,011	299,005
Safety paper, for cheques, etc.....	—	—	235,557
Stencil.....	quire	25,158	53,039
Tissue, basic stock.....	short ton	3,806	576,084
Tissue, converted.....	lb.	1,060,714	116,295
Toilet, basic stock.....	short ton	10,029	1,032,415

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Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Paper—concluded.			
Toilet, converted.	case	428,730	1,631,995
Towel paper, basic stock.	short ton	4,212	422,722
Paper towels.	case	144,502	428,121
Typewriter, not elsewhere specified.	—	—	84,337
Wall paper.	—	—	*
Waterproof other than waxed.	—	—	*
Waxed.	lb.	17,211,564	2,237,421
Wrapping paper—			
Fibre.	short ton	3,381	304,150
Kraft, basic stock.	"	63,955	5,959,415
Kraft, converted.	lb.	1,560,618	88,175
Manila.	short ton	6,214	629,152
Other wrapping paper.	"	8,967	1,064,066
Paper, miscellaneous, not elsewhere specified.	—	—	841,953
Papeteries.	—	—	378,907
Paper board—			
Bristol and index board.	short ton	1,668	303,476
Corrugated board.	"	30,771	1,510,226
Coloured boards, all grades.	"	11,378	621,189
Liner, kraft.	"	29,020	1,565,692
Manila, lined.	"	9,971	539,741
Mill wrappers.	"	34,897	990,653
Mourning board.	—	—	34,992
Clay coated and enamelled.	short ton	691	108,555
Patent coated, white.	"	32,122	2,012,459
Testboard.	"	59,823	2,579,130
Silicated.	—	—	*
Wallboard, all kinds, not elsewhere specified.	—	—	1,938,712
Wholly from waste paper.	short ton	22,194	916,539
Wholly from wood pulp.	"	38,881	1,741,992
Combination board, not specified.	"	4,287	212,857
All other board and paper not specified.	—	—	1,200,832
Paraldehyde.	—	—	*
Paste, adhesive.	—	—	220,469
Paste, tooth.	—	—	1,720,080
Patterns and models, foundry and other.	—	—	276,530
Patterns, paper.	No.	4,166,784	667,034
Patterns, rug.	—	—	*
Patterns, shoe.	No.	244,436	114,488
Peanut butter.	lb.	0,087,191	1,048,156
Peanuts, roasted and salted.	"	7,146,792	725,996
Pens, split.	"	2,208,261	55,651
Penives, cant hooks and pike poles.	—	—	124,502
Pectin.	—	—	*
Pencils, ordinary lead.	doz.	1,898,880	408,147
Pencils, adjustable lead.	"	33,444	172,249
Pencils, other, not specified.	—	—	5,042
Pennants.	—	—	29,236
Pen holders.	—	—	*
Pens, fountain.	No.	864,360	1,024,602
Pens, fountain, holders and nibs.	—	—	*
Percolators, electric.	No.	8,131	40,788
Perfumes.	—	—	427,405
Periodicals (printed by publishers)—			
Magazines, other periodicals, etc.	—	—	4,171,287
Newspapers, daily.	—	—	35,676,308
Newspapers, weekly, and other.	—	—	7,223,357
Photographs.	—	—	*
Photograph records.	—	—	*
Phosphorus.	—	—	*
Photo-engraving.	—	—	1,753,330
Photo-lithographing and printing.	—	—	85,109
Photographic material, not elsewhere specified (including photo paper).	—	—	639,187
Photography (commercial).	—	—	60,786
Pianos—			
Grand.	No.	127	55,203
Upright.	"	554	85,261
Upright, player.	—	—	*
Piano actions.	—	—	*
Piano and organ keys.	—	—	*
Piano hammers.	—	—	*
Piano strings.	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Pickets.....	M gal.	8,653	130,650
Pickles, all kinds.....	—	1,248,443	1,452,147
Picture frames and moulding.....	—	—	387,570
Pies, cakes and pastry.....	—	—	13,099,430
Piling, wood and steel.....	—	—	202,177
Pillow cases, bureau runners, scarves, etc.....	—	—	262,278
Pillows and cushions.....	No.	357,111	326,251
Pins, plain and hair pins.....	—	—	100,820
Pipe and fittings, cast iron, soil.....	lb.	16,186,000	490,961
Pipe and fittings, cast iron, other.....	"	34,412,000	1,201,457
Pipe, copper.....	—	—	*
Pipe, lead.....	lb.	2,374,497	173,097
Pipe and fittings, malleable iron.....	"	7,168,000	900,257
Pipe, sewer, clay.....	—	—	597,007
Pipe, sewer and culvert, cement.....	—	—	305,203
Pipe, culvert, galvanized sheet.....	—	—	220,900
Pipe and fittings, steel.....	—	—	5,130,078
Pipe, wooden.....	—	—	*
Pipes, wrought iron and fittings.....	—	—	*
Pipes, tobacco.....	doz.	6,068	20,619
Pipe mouth pieces.....	—	—	*
Pipe (tobacco) cleaners.....	—	—	*
Piston rings, automobile.....	No.	6,927,784	688,270
Piston rings, locomotive.....	lb.	88,798	24,561
Pistons, automobile.....	—	—	*
Pitch.....	—	—	*
Planters, corn.....	—	—	*
Planters, potato.....	—	—	*
Platework, steel, miscellaneous.....	—	—	644,794
Plates, sheets and strips, steel, brass, bronze and copper.....	—	—	7,328,982
Plates, licence, and name.....	—	—	83,606
Plates and spoons, paper.....	—	—	65,447
Plating blanks.....	—	—	*
Platinum, refined.....	—	—	*
Ploughs.....	No.	38,091	911,756
Ploughs, snow.....	—	—	*
Plugs, rubber.....	—	—	*
Plugs, wooden.....	—	—	66,042
Plumbers' supplies, not elsewhere specified (iron, brass and copper).....	—	—	984,114
Plumbers' supplies, rubber.....	—	—	87,645
Plywood.....	M surf. ft.	27,215	985,810
Poison, gopher and rat.....	—	—	126,893
Poles, wooden.....	No.	10,057	30,649
Polish, furniture.....	—	—	134,757
Polish, metal.....	—	—	94,398
Polish, shoe.....	—	—	516,261
Polish, stove.....	—	—	104,281
Polishes and waxes, floor.....	—	—	953,688
Polishes and dressings, harness and belt.....	—	—	17,496
Polishes and dressings, automobile.....	—	—	89,680
Polishes and dressings, not specified.....	—	—	42,038
Polishers, floor, electric, and other.....	—	—	34,325
Popcorn.....	lb.	761,171	206,834
Post-cards, printed.....	—	—	113,475
Posts, wooden.....	No.	78,688	9,607
Posts, steel.....	short ton	1,150	102,163
Potato chips (factory made).....	lb.	163,372	49,012
Pot scourers.....	—	—	*
Pottery, glazed or unglazed.....	—	—	220,711
Pottery from imported clay.....	—	—	*
Poultry, canned (see "Meats, canned").....	—	—	*
Poultry, sold fresh.....	lb.	10,682,584	2,099,684
Powder, baking.....	"	10,183,720	1,714,869
Powder, buttermilk.....	"	2,165,006	105,838
Powder, cream.....	"	24,109	8,666
Powder, custard.....	—	—	91,133
Powder, ice cream.....	lb.	111,713	24,001
Powder, jelly.....	"	7,520,292	1,369,054
Powder, junket.....	—	—	*
Powder, lactic.....	—	—	79,471
Powder, lemon.....	lb.	26,207	8,426
Powder, milk.....	"	3,331,104	318,785
Powder, malted milk.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Powder, pudding	—	—	84,099
Powder, skim milk	lb.	18,890,048	1,220,511
Powders, edible, not specified	—	196,759	34,484
Powder, paste	—	—	—
Powders, sachet	—	—	9,682
Powder, talcum, and face	—	—	1,192,178
Press cloths	—	—	—
Presses, tennis, and badminton racquet	No.	20,662	6,066
Presses, hydraulic and other power	—	—	22,963
Printing—			
General, for trade	—	—	578,811
Private and personal	—	—	320,579
Multigraphing and mimeographing	—	—	97,175
Newspapers, magazines and other periodicals printed for publishers	—	—	4,195,940
Other printed matter: menus, programmes, etc.	—	—	3,023,143
Printing and painting on textile fabrics	—	—	302,377
Propellers and shafts	—	—	—
Publications, subscription, and sales of (see "Periodicals").	—	—	—
Protectors, dress	—	—	77,577
Protein powder	—	—	—
Puddings	—	—	42,033
Puffs, powder	—	—	139,230
Pulleys, wood	—	—	26,132
Pulpers and slicers	No.	565	9,508
Pulp, fruit	lb.	1,510,356	92,760
Pulpstones, artificial	—	—	—
Pulpwood	cord	280,397	2,061,253
Pulp, wood—			
Ground wood—			
Quantity made	short ton	2,504,595	—
Quantity sold	—	151,540	2,577,290
Hemp fibre	—	—	—
Soda fibre	—	—	—
Sulphate fibre—			
Quantity made	short ton	236,536	—
Quantity sold	—	127,901	6,013,622
Sulphite fibre—bleached—			
Quantity made	"	374,157	—
Quantity sold	"	347,735	18,227,458
Sulphite fibre, unbleached—			
Quantity made	"	644,820	—
Quantity sold	"	134,102	4,398,607
Screenings—			
Quantity made	"	87,346	—
Quantity sold	"	41,298	305,704
Pumps, centrifugal	—	—	341,609
Pumps, hand	No.	26,850	293,370
Pumps, steam and electric	—	—	464,802
Pumps, wooden	No.	1,222	17,883
Pumps, gasoline handling	—	—	372,275
Pumps, not specified, and pump parts	—	—	133,641
Purses, pocket-books and folders	No.	254,195	70,803
Putty and other fillers	lb.	19,646,074	201,428
Pyxiums—			
Cotton and flannelette	dos.	148,729	1,544,366
Silk and silk mixtures	"	6,934	212,871
Artificial silk	"	27,319	282,594
Other materials	"	9,312	120,788
Pyrometers	—	—	—
Quilts and quilted goods	—	—	—
Racquets, badminton and squash	No.	24,764	84,316
Racquets, tennis	"	42,627	165,932
Radiant compounds	—	—	—
Radiators, automobile	—	—	950,801
Radiators, heating, concealed type	—	—	101,137
Radiators, heating, direct type	ft.	4,037,759	1,101,332
Radio sets, tubes and accessories	—	—	12,070,278
Radio cabinets and tables	No.	121,543	1,081,448
Rail anchors	—	—	—
Rail welding parts	—	—	—

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Rails, O.H. steel—			
Quantity made.....	long ton	109,198	-
Quantity sold.....	"	109,240	4,484,594
Railway frogs, switches and other track equipment.....	"	-	356,778
Railway car and coach fittings, bearings, etc.....	lb.	12,733,864	1,526,266
Rakes, hand.....	No.	109,014	50,652
Razor blades.....	"	-	*
Razor strops.....	"	-	*
Razors, safety.....	"	-	207,195
Recorders, time.....	"	-	*
Rectifiers for storage battery charging and parts.....	"	-	*
Reels, garden hose, and other.....	"	-	*
Refractories.....	"	-	*
Refractory bricks and shapes.....	"	-	*
Refrigerators, electric.....	No.	24,723	3,194,831
Refrigerators, electric, condensing units.....	"	2,344	240,720
Refrigerators, other.....	"	-	347,283
Refrigerator parts.....	"	-	102,698
Regalia, all kinds.....	"	-	88,316
Registers, account.....	"	-	*
Registers, cash.....	"	-	*
Registers and grills, air.....	"	-	122,944
Regulators, not specified.....	"	-	*
Remedies, stock and poultry.....	"	-	322,446
Rennet extract.....	"	-	*
Repair gums and fabrics.....	lb.	770,972	251,666
Repair patches, tire and tube.....	"	4,213,050	111,985
Repair kits and blow-out boots.....	"	1,103,254	120,977
Resin.....	"	-	*
Ribbons.....	"	-	*
Rice, cleaned, etc.....	ton	21,876	1,424,089
Rifles.....	"	-	*
Rims, automobile.....	"	-	551,540
Rings, fruit jar, rubber.....	"	-	*
Rings, fruit jar, zinc.....	"	-	*
Robes, carriage and automobile.....	"	-	12,182
Rockwool.....	"	-	*
Rods and bars, bronze, brass and copper.....	lb.	5,515,604	811,395
Rods, copper wire.....	"	55,871,613	4,652,562
Rods, wire, straightened.....	"	-	*
Rods, iron and steel, wire—			
Quantity made.....	long ton	183,469	-
Quantity sold.....	"	68,398	2,412,244
Roll covering, rubber.....	lb.	237,294	86,072
Rollers, land and land packers.....	No.	631	18,214
Rollers, printers.....	lb.	362,010	220,391
Rolls, rubber covered.....	No.	141,413	143,100
Roofing preparations, not elsewhere specified.....	"	-	309,010
Rope.....	lb.	11,069,031	1,288,763
Rubber, reclaimed.....	"	-	*
Rubber goods, hard.....	"	-	85,072
Rubber goods, mechanical.....	lb.	199,682	103,354
Rubber goods, moulded.....	"	1,005,902	469,359
Rubber goods, soft and sponge.....	"	387,617	106,137
Rubber goods, not specified.....	"	-	70,871
Rubber thread.....	lb.	313,474	328,447
Rugs, automobile.....	No.	57,826	127,633
Rules, steel.....	"	-	*
Rules, wooden.....	"	-	*
Ruling (printing plants).....	"	-	187,919
Rust preventatives.....	"	-	54,044
Saddles.....	No.	1,105	18,855
Saddlery accessories and parts.....	"	-	12,397
Safes, vaults and fittings.....	"	-	337,262
Soils, all kinds.....	No.	1,026	26,248
Salt.....	"	-	1,880,978
Salt, curing.....	"	-	*
Salts, tin and nickel.....	"	-	*
Sanders (wood-working).....	"	-	13,972
Sandwich relish and spread.....	lb.	751,809	232,551
Sanitary goods, not elsewhere specified.....	"	-	2,555
Sanitary ware.....	"	-	1,351,905
Sash, doors and millwork.....	"	-	7,696,991

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value. \$
Sash, steel	—	—	313,382
Sashweights	—	—	11,049
Sauces, catsups and relishes.	—	—	3,035,653
Sauerkraut	lb.	2,602,102	107,436
Sausage casings	—	—	1,707,441
Sausage, fresh or cured.	lb.	51,636,256	6,460,117
Sawdust sold	—	—	101,798
Saws, all kinds	—	—	978,479
Saw parts and saw outfits.	—	—	330,547
Scales	No.	10,258	800,018
Scarves	doz.	77,883	545,933
School supplies, not specified	—	—	17,228
Scrap, metal	—	—	94,529
Scrap, iron and steel	—	—	689,135
Scrap, not specified	—	—	114,496
Screenings, barley, etc.	ton	6,344	90,252
Screens, door and window	—	—	188,446
Screens, industrial	—	—	—
Screws and screw machine products.	—	—	1,898,987
Screwers	No.	11,073	70,098
Scythes	—	—	—
Seals, corporation, and other	—	—	13,331
Searchlights, projectors, etc., not elsewhere specified.	—	—	—
Seasoning, dry and liquid	—	—	28,706
Seeders, not specified	—	—	14,532
Shades, window, shade cloth and fittings.	—	—	1,872,736
Shanks, shoe	—	—	—
Shapers and jointers, wood-working	—	—	10,440
Shapers, metal-working	—	—	21,446
Sharpeners, pencil	—	—	—
Sharpening stones and files	—	—	83,013
Shawls	doz.	841	9,541
Sheet forms, commercial, etc., printed	—	—	9,803,096
Sheets and sheeting, fabric, not elsewhere specified.	—	—	1,270,083
Sheeting, rubber, hospital	—	—	71,369
Sheeting, rubber, crib	doz.	28,736	54,529
Sheet iron wire, not elsewhere specified.	—	—	152,714
Sheet metal building materials, not elsewhere specified.	—	—	1,149,009
Sheet metal products, not elsewhere specified.	—	—	288,319
Sheets, galvanized	—	—	3,251,588
Shellac	—	—	347,847
Shields, dress (see "Protectors").	—	—	—
Shims, railroad and other.	—	—	83,276
Shingle bands	—	—	—
Shingles, wooden	—	—	7,633,969
Shingles, asbestos	—	—	—
Shipbuilding—	—	—	—
Steel vessels	No.	12	265,672
Wooden vessels	No.	5	91,904
Vessels under construction	—	—	—
Repairs to vessels	—	—	6,029,679
Maintenance work	—	—	—
Shirts, fine, cotton	doz.	659,137	6,091,148
Shirts, fine, silk and artificial silk	—	2,905	55,608
Shirts, dress	"	27,204	225,666
Shirts, work	"	332,851	2,673,980
Shirts and blouses, for boys (see "Blouses", etc.).	—	—	—
Shirts, not specified	"	40,849	268,559
Shock absorbers, automobile	—	—	—
Shoddy, mungo and wool extract	lb.	5,263,380	554,836
Shoe supplies, not elsewhere specified.	—	—	1,213
Shoe uppers	pair	49,631	63,524
Shooks, box	—	—	3,406,466
Shortening, from slaughtering establishments—	—	—	—
Containing animal fat	lb.	6,702,357	720,362
Containing no animal fat	"	72,095,897	6,903,541
Shortening, from other miscellaneous industries.	"	27,895,396	2,406,195
Shorts and middlings	ton	271,421	5,657,714
Shovels, power, and hand	—	—	23,843
Shuttlecocks, badminton	doz.	52,061	94,830
Signs, electric	—	—	18,981
Signs, gas, neon and other luminous	—	—	920,118
Signs, brass, and other metal	—	—	606,255

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Signs, not specified.....	—	—	466,752
Silico-manganese.....	—	—	*
Silico-spiegel.....	—	—	*
Silicon carbide.....	short ton	18,475	1,788,657
Silicon, refined.....	—	—	*
Silk, broad—			
All real silk.....	yd.	9,988,216	4,681,220
Real silk mixtures.....	"	3,945,029	2,100,596
Artificial silk.....	"	32,862,525	12,833,615
Artificial silk and mixtures (cotton mills).....	"	6,290,261	1,504,459
Artificial silk and mixtures (silk mills).....	"	1,026,321	761,921
Silk and artificial silk knitted goods, not elsewhere specified.....	—	—	649,393
Silk, raw (sold).....	—	—	*
Silver alloys.....	—	—	*
Silver, refined.....	—	—	73,010
Silver nitrate.....	—	—	*
Size.....	—	—	198,673
Skates.....	pair	487,885	353,403
Skewers.....	—	—	140,491
Skis.....	pair	53,506	105,152
Ski poles.....	"	31,768	34,384
Skins, calf.....	No.	498,837	656,820
Skins, sheep.....	—	—	686,479
Skins, pickled.....	No.	467,393	134,925
Skins, raw and dressed.....	—	—	488,511
Skirts—			
Silk.....	No.	27,026	47,838
Artificial silk.....	"	19,024	35,309
Woollen.....	"	350,424	517,663
Other.....	doz.	—	48,186
Skirts and bloomers.....	doz.	8,213	75,700
Slabs and edgings.....	oord	414,250	791,419
Sleighs.....	No.	2,872	107,828
Sleighs, children's.....	—	—	90,535
Slippers, men and bread.....	No.	788	119,858
Shippers, cloth, carpet, etc.—			
Babies.....	pair	46,033	16,537
Boys'.....	"	50,594	32,595
Misses' and children's.....	"	515,751	191,271
Men's.....	"	296,900	238,266
Women's.....	"	1,298,238	803,703
Smelter and refinery products.....	—	—	186,246,658
Smocks, women's.....	doz.	18,702	165,975
Smocks and overall jackets.....	"	28,508	351,575
Smoke breeching.....	—	—	6,415
Smokers' sets.....	—	—	15,600
Smokestacks, steel.....	—	—	37,256
Snaths, scythe.....	—	—	*
Snowshoes.....	—	—	8,435
Soap—			
Household and laundry soap and chips.....	lb.	108,806,798	6,215,321
Liquid soap.....	—	—	95,102
Medicated.....	—	—	*
Polishing or scouring.....	lb.	160,157	11,807
Powder.....	"	22,643,749	1,635,913
Soft.....	"	1,286,118	68,498
Textile and mill soap.....	"	2,518,459	223,286
Toilet soap.....	—	—	3,674,810
Hard soap, shaving, including shaving creams.....	—	—	547,853
Hard soap, all other.....	lb.	21,735,770	824,548
Soap stock.....	—	—	98,080
Soap, kind not specified.....	—	—	50,590
Sockets, receptacles, rosettes and plugs.....	—	—	*
Sodium arsenate.....	—	—	*
Sodium arsenite.....	—	—	*
Sodium bisulphate (nitre cake).....	—	—	*
Sodium bisulphate.....	—	—	*
Sodium carbonate.....	—	—	*
Sodium chlorate.....	—	—	*
Sodium cyanide.....	—	—	*
Sodium hydroxide.....	—	—	*
Sodium phosphate, di-sodium and tri-sodium.....	—	—	*
Sodium sulphate (Glauber's salt).....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Sodium sulphate (cake salt).....	—	—	•
Solder.....	lb.	3,955,571	1,014,107
Soling, rubber—			
Rubber and composition soles.....	pair	2,632,172	438,347
Rubber and composition half-soles.....	—	924,534	122,078
Soling and slabs for heels.....	lb.	632,020	149,185
Soles, leather and heel lifts, not elsewhere specified.....	—	—	214,139
Soles, felt, and other (inoles).....	—	—	60,198
Soup, canned.....	lb.	45,381,505	3,978,806
Spades and shovels.....	—	—	•
Spark plugs.....	—	—	•
Spars.....	—	—	•
Spices, mixed, whole or ground.....	lb.	5,347,228	1,166,516
Spiegeleisen.....	—	—	•
Spikes, pit.....	—	—	•
Spikes, railway.....	—	—	398,691
Spikes, ship and drift.....	—	—	•
Spikes, not specified.....	—	—	34,478
Spinning wheels.....	No.	1,039	5,056
Spinning, weaving and warping, custom.....	—	—	•
Spools, bobbins and shuttles.....	—	—	439,509
Spoolwood.....	—	—	307,539
Sport gloves and mitts.....	—	—	59,347
Sporting goods, not specified.....	—	—	161,763
Sprayers, hand, and power.....	—	—	52,340
Sprayers, barrel or tank.....	No.	407	20,302
Springs, automobile.....	—	—	970,067
Springs, bed, box.....	No.	10,256	81,758
Springs, bed, woven wire.....	—	3,116	12,448
Springs, bed, not specified.....	—	—	1,054,418
Springs, upholstery.....	—	—	105,083
Springs for cars and locomotives.....	lb.	4,372,433	315,872
Springs, other, not specified.....	—	—	524,828
Stains.....	Imp. gal.	288,382	451,195
Stairs, iron.....	—	—	121,701
Stampings, automobile.....	—	—	333,875
Stampings, metal, not elsewhere specified.....	—	—	813,873
Stampings, steel.....	—	—	174,514
Stamps, rubber.....	—	—	220,687
Stamps, steel.....	No.	11,959	46,317
Stamps and dies, not specified.....	—	—	45,651
Stamps, postage, revenue, etc.....	—	—	422,523
Staples, wire—			
Quantity made.....	kegs	40,980	—
Quantity sold.....	—	40,759	151,552
Starch, chlorinated.....	—	—	•
Starch, corn, edible.....	—	—	•
Starch, corn, laundry.....	—	—	•
Starch and flour, potato.....	lb.	3,128,539	105,556
Stationery goods, rubber, not specified.....	—	—	219,043
Statues and art goods.....	—	—	70,768
Staves, barrel.....	No.	54,561,654	479,537
Steam traps, etc.....	—	—	258,712
Stearine.....	lb.	1,235,239	79,348
Steel, structural, fabricated.....	—	—	3,858,390
Steel shapes erected—			
Bridges.....	ton	2,935	366,047
Buildings.....	—	39,188	4,561,533
Not specified.....	—	—	260,407
Steel, reinforcing, and other steel products, not specified.....	—	—	55,220
Steel wool.....	—	—	•
Stencils.....	—	—	20,724
Stocking dryers.....	No.	224,469	20,743
Stokers, mechanical.....	—	—	630,344
Stoker parts.....	—	—	75,619
Stone, artificial.....	—	—	148,480
Stools, benches and cabinets.....	—	—	18,471
Store fixtures, not specified.....	—	—	76,920
Stove and furnace pipe.....	—	—	506,455
Stoves—			
Coal and wood.....	No.	141,951	4,060,335
Electric and combination coal and electric.....	—	31,947	2,000,892
Gas and combination coal and gas.....	—	44,084	1,440,570

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Stoves— <i>Concluded</i>			
Other stoves and stove parts	—	—	688,984
Straps, leather	doz.	38,049	35,305
Straws, soda	M	342,275	115,590
Strings, racquet	—	—	*
Sugar butter	lb.	827,290	69,801
Sugar, granulated—			
Biot	"	118,498,954	30,522,429
Cane	"	703,049,464	
Sugar, brown or yellow	"	112,603,110	
Sugar, grape and other fruit sugar	—	—	324,982
Sugar, invert	lb.	3,036,540	152,763
Sugar, loaf	"	4,094,848	205,374
Sugar, maple	"	4,435,136	574,132
Sugar of milk	"	230,716	13,803
Sugar, pulverized or icing	"	26,423,999	1,119,726
Suits, boys'—			
Play suits, washable	doz.	91,776	465,778
Woolen	No.	257,459	1,394,517
Other, not specified	"	36,065	259,180
Suits, men's—			
Woolen	"	1,231,898	17,587,296
Other, not specified	"	48,637	581,790
Suits, women's and misses'—			
Cotton	"	16,178	45,990
Silk	"	20,194	88,230
Artificial silk and mixtures	"	3,215	9,163
Woolen	"	225,706	2,262,245
Other, not specified	"	28,484	124,054
Suits, knitted, women's and children's	doz.	47,301	1,454,463
Sulphur dichloride	—	—	*
Sulphur dioxide (liquid)	—	—	*
Superheaters and equipment	—	—	129,446
Superphosphate	—	—	851,763
Surfactors, wood-working	—	—	10,032
Surgical and orthopaedic appliances and surgical dressings—			
Surgical bandages and dressings	—	—	493,485
Surgical belts	—	—	125,048
Surgical stockings, elastic	—	—	37,105
Orthopaedic corsets	pair	1,149	9,653
Artificial limbs and parts	—	—	60,747
Orthopaedic supports, not specified	—	—	157,805
Foot covers, arch supports, heel cushions, etc.	—	—	45,188
Trusses	—	—	71,105
Surgical and orthopaedic appliances, not specified	—	—	94,378
Suspenders, supporters and garters	—	—	897,353
Sweaters, jackets, etc.	doz.	330,469	5,019,411
Sweeping compounds	—	—	53,403
Switch gear and protective equipment (except telephone switchboards)	—	—	1,573,034
Switches and switch boxes, not specified	—	—	42,076
Syringes, fountain and attachments	dos.	19,079	59,487
Syrup, corn	—	—	*
Syrup, fountain and fruit juices	—	—	1,512,763
Syrup, maple (factory-made)	lb.	2,766,272	267,661
Syrups, table	gal.	272,073	150,115
Syrups, from cane (not including molasses)	lb.	6,691,719	212,757
Table cloths and napkins	—	—	*
Tableware, earthen	—	—	*
Tacks, cut and wire	—	—	323,950
Tags and labels, shipping	—	—	2,950,176
Tags and tickets, printed	—	—	385,283
Tags and checks, other	—	—	3,345
Tailors' supplies, including canvas fronts, pads, etc.	—	—	531,431
Tallow	lb.	24,280,169	1,474,661
Tankage, animal	—	—	543,163
Tanks, gasoline and oil, storage (service stations)	—	—	393,976
Tanks, sheet steel, pressure	—	—	64,771
Tanks, sheet steel, storage	—	—	446,295
Tanks, brass and copper	—	—	90,471
Tanks, steel plate	—	—	650,404
Tanks, automobile, not elsewhere specified	—	—	104,594
Tanks, other, not specified	—	—	269,110

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Tape, rubber and friction	lb.	779,604	233,373
Tape, paper, gummed	—	—	542,639
Tape, adhesive	—	—	•
Tape, telegraph	—	—	•
Tapes, fabric	—	—	161,149
Tapes, measuring	—	—	•
Tapestries	yd.	1,380,122	996,206
Tapioca, granulated	—	—	•
Taps, brass	—	—	216,854
Tarlatan	—	—	•
Tar, coal, crude	Imp. gal.	25,686,490	1,312,455
Tar, refined and other	—	—	607,270
Tar, roofing, not specified	—	—	188,274
Tar, from petroleum refineries	—	—	•
Targets	—	—	•
Tea, blended, etc.	lb.	30,872,381	13,102,230
Telephone material, not elsewhere specified	—	—	2,551,925
Tenoners and mortisers, wood-working	—	—	3,535
Tents	No.	19,800	320,175
Thermits	—	—	•
Thermometers	—	—	•
Thinners, pyroxylin	Imp. gal.	507,647	541,802
Thread, cotton	—	—	3,550,541
Thread and twist, silk and artificial silk	—	—	90,087
Threshers and reaper-thresher combined and parts	—	—	1,167,235
Ties, wooden	No.	5,718,518	2,678,397
Tile, slandum	—	—	•
Tile, drain	M	7,122	205,336
Tile, floor and wall	—	—	148,575
Tile, gypsum	—	—	•
Tile, roofing, and hollow blocks	—	—	348,277
Tiling and sheet flooring, rubber	lb.	110,796	28,628
Timbers, mine	M lin. ft.	51,506	557,975
Tinned plate	—	—	•
Tin products, all kinds	—	—	119,042
Tinsel garlands and ribbons	—	—	85,503
Tinware, japanned, or not	—	—	646,931
Tire fabrics	lb.	15,756,577	4,554,389
Tires and tubes—			
Balloon, casings	No.	2,069,759	17,188,511
High-pressure, casings	"	395,408	6,095,511
High-pressure and balloon inner tubes	"	2,284,110	3,155,175
Bicycle tires	—	—	•
Bicycle tubes	No.	228,084	77,908
Other tires and tubes	—	—	112,195
Tires, railway car wheel	lb.	3,986,133	205,407
Tire braids, auto	No.	123,207	208,671
Toasters, electric	—	—	•
Tobacco—			
Chewing, cut and twist	lb.	267,190	229,439
Chewing, plug	"	2,628,821	2,197,527
Smoking, leaf	"	674,848	116,062
Smoking, cut	"	18,153,718	18,606,932
Smoking, plug	"	974,247	939,290
Smoking, twist	—	—	•
Snuff	lb.	773,092	1,045,892
Stems and cuttings	—	—	9,358
Tobacco, raw leaf, processed	lb.	32,783,743	8,211,646
Tobacco pouches	doz.	71,060	19,116
Toboggans	No.	13,126	48,249
Toilet preparations, not elsewhere specified—			
Brilliantine, oily and liquid	—	—	88,503
Compacts and lipsticks	—	—	425,404
Cremors, solid or liquid, all kinds	—	—	1,049,034
Toilet waters and lotions	—	—	1,126,324
All other	—	—	1,349,327
Toiletware, celluloid	—	—	138,060
Toiletware, silver	—	—	161,128
Tomato juice	lb.	21,693,716	1,147,772
Tomato paste and purée	"	5,772,510	259,856
Tomato pulp	"	8,461,367	552,547
Tools, carpenters' and mechanics'	—	—	176,200
Tools, pneumatic	—	—	•

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Tools, other, not specified.....	—	—	981,864
Toothpicks.....	—	—	*
Tow, green.....	ton	1,710	54,252
Towelling.....	yd.	2,094,940	258,433
Towels, all kinds, including face cloths.....	—	—	1,221,946
Towels, sanitary.....	—	—	1,192,461
Toys—			
Toy animals.....	doz.	15,358	32,314
Toy holsters.....	—	—	*
Toys, cast iron.....	—	—	*
Toys, wooden.....	—	—	33,178
Miscellaneous toys, not specified.....	—	—	84,470
Trade work, not elsewhere specified (printing plants).....	—	—	425,502
Transformers.....	—	—	2,152,618
Transmission towers, electric.....	—	—	203,275
Traps and fittings, lead.....	lb.	525,404	114,253
Traps, animal.....	—	—	*
Trays, display.....	—	—	*
Trimmings, not specified.....	—	—	171,173
Troughs.....	—	—	*
Trucks, factory, and other hand trucks.....	—	—	84,268
Trunks of all kinds.....	No.	01,037	334,014
Trussers.....	—	—	*
Tubes, collapsible.....	—	—	*
Tubes, vacuum, X-ray tubes, vapour lamps, glowler lamps, etc.....	—	—	101,044
Tubing, brass, copper, etc.....	lb.	4,133,640	793,513
Tubing, neon.....	—	—	*
Tubing, rubber.....	lb.	318,274	183,042
Tubing, steel.....	—	—	1,240,552
Tubing and wiring, knitted.....	—	—	19,827
Turbines and water wheels.....	—	—	566,719
Turpentine.....	—	—	*
Twine, binder—			
Chiefly sisal.....	lb.	41,848,974	2,535,183
Other.....	"	13,320,070	794,093
Twine and cordage of all kinds.....	—	—	1,236,745
Type and type metal.....	lb.	4,487,063	396,503
Typesetting (trade composition).....	—	—	670,346
Typewriter ribbons.....	—	—	226,566
Typewriters.....	No.	15,866	790,763
Umbrellas.....	doz.	26,226	409,637
Undertakers' supplies, not specified.....	—	—	242,044
Underwear—			
Cotton and cotton mixed.....	doz.	1,611,023	6,999,410
Merino and mixed.....	"	109,106	1,396,949
Silk.....	"	57,290	548,207
Silk mixtures.....	"	8,827	43,497
Artificial silk.....	"	558,636	2,109,267
Artificial silk and mixtures.....	"	139,884	599,648
All wool and mixtures.....	"	180,402	1,918,009
Not specified.....	—	—	408,981
Underslips.....	doz.	288,316	2,369,479
Uniforms, woollen.....	No.	32,913	530,663
Uniforms, hospital and nurses'.....	—	—	310,064
Uniforms, maids' and waiters'.....	doz.	8,828	85,066
Uniforms, other.....	—	—	105,729
Valves, brass and bronze.....	—	—	921,693
Valves, iron.....	—	—	492,092
Valves, tire.....	—	—	*
Valves, not specified.....	—	—	1,709
Varnishes, oil and spirit.....	Imp. gal.	1,485,102	2,452,110
Vaults, cement, burial.....	—	—	*
Vaults, steel, burial.....	—	—	*
Vegetables, canned—			
Asparagus.....	lb.	2,068,082	307,789
Beans, baked.....	"	39,004,561	2,117,529
Beans, green or wax.....	"	11,083,015	633,900
Beets.....	"	1,325,775	86,664
Carrots.....	"	627,348	32,617
Carrots and peas.....	"	1,024,519	84,629
Corn, cream of.....	"	35,377,778	2,082,036

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
\$			
Vegetables, canned— <i>Concluded</i>			
Corn on the cob	lb.	705,702	38,198
Peas	"	60,772,794	3,857,038
Pumpkin	"	3,975,895	154,795
Spinach	"	1,330,677	98,988
Tomatoes	"	64,040,998	2,543,912
Other, not specified	"	936,683	95,390
Vegetables, evaporated	"	—	*
Vehicles, children's	—	—	474,902
Veils	—	—	16,925
Velvet	—	—	*
Veneer	M surf. ft.	70,112	715,435
Vests, woollen	No.	71,059	129,177
Vests, other	"	1,747	6,448
Vinegar (made for sale)—			
Spirit	gal.	3,030,740	1,005,072
Cider	"	912,727	203,212
Malt	"	304,798	176,035
Visors, cap.	—	—	*
Wagons, complete (<i>see also</i> "Carriages and Wagons").	—	—	19,095
Wagon and sleigh parts	—	—	66,685
Wall board, gypsum, and other	—	—	*
Wall plaster, gypsum	—	—	*
Washboards	No.	308,701	67,529
Washers, leather	—	—	40,028
Washers and gaskets, not specified	—	—	106,373
Washing compounds	—	—	168,680
Waste, cotton and other	—	—	1,720,001
Waste, wood	—	—	36,702
Watches	No.	431,110	383,471
Watch cases	—	—	240,333
Waterglass	—	—	*
Water, distilled	gal.	81,333	12,218
Water, aerated	—	—	12,790,746
Waters, mineral, natural	—	—	45,100
Waterproofing of fabrics	—	—	*
Water and steam fittings	—	—	210,958
Wax	—	—	*
Wax, sealing	—	—	*
Weatherstrip	—	—	152,318
Webbing, elastic	—	—	1,275,797
Webbing, duck, jute, and other	—	—	118,396
Webbing, fibre	—	—	*
Weeders	No.	189	11,729
Weed killer	—	—	*
Welding apparatus with control equipment and accessories	—	—	349,791
Welting	—	—	217,183
Wheelbarrows and parts	—	—	61,411
Wheels, automobile	—	—	*
Wheels, railway car	—	—	1,942,603
Wheels, not specified	—	—	2,500
Whips and whip lashes	—	—	13,647
Whiskies and other potable spirits, produced	prf. gal.	1,781,336	953,844
Whiskies and other potable spirits, bottled or shipped	"	4,356,996	18,213,155
Whisks	doz.	44,229	63,312
White, satin	—	—	*
Windmills	—	—	*
Wine, spirits	—	—	*
Wine, fermented, bottled or shipped	gal.	2,666,524	3,489,320
Wine, produced and placed in storage for maturing	"	2,559,505	890,583
Wine, not specified	—	—	*
Wiping cloths and rags	—	—	681,680
Wire, barbed—			
Quantity made	short ton	14,167	—
Quantity sold	"	12,254	738,158
Wire, iron and steel, cold rolled, flat	"	677	87,065
Wire, brass, bronze and copper	—	—	43,182
Wire, iron and steel, galvanized—			
Quantity made	short ton	41,543	—
Quantity sold	"	19,974	1,144,580
Wire, coated, not elsewhere specified—			
Quantity made	"	4,987	—
Quantity sold	"	3,551	373,442

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1935—continued.

Items.	Unit of Measure.	Quantity.	Value.
Wire, plain—			\$
Quantity made.....	short ton	146,434	—
Quantity sold.....	"	35,422	2,035,886
Wire, twisted, strand.....	—	—	168,449
Wire rope and cable, steel.....	shortton	5,747	1,599,038
Wires and cables, electrical.....	—	—	9,124,651
Wires and cables, not specified.....	—	—	332,589
Wire, gold-filled, and alloys.....	—	—	—
Wire cloth, brass and bronze.....	sq. ft.	2,331,017	1,088,552
Wire cloth, iron and steel, including screen cloth.....	—	—	638,692
Wire mesh, steel, woven and welded.....	lb.	1,380,840	84,635
Wire netting—			
Quantity made.....	short ton	1,207	—
Quantity sold.....	"	1,210	210,345
Wire shapes.....	—	—	173,596
Wire work, iron.....	—	—	—
Wire goods.....	—	—	564,904
Wiring devices, not elsewhere specified.....	—	—	1,960,012
Wooden products, not specified.....	—	—	284,118
Wood flour.....	—	—	—
Woodenware, kitchen.....	—	—	103,723
Woodenware, not specified.....	—	—	28,735
Wood preservation.....	—	—	—
Wood turning, not specified.....	—	—	123,476
Woodwork, sanitary.....	—	—	99,579
Woodwork, sewing machine.....	—	—	—
Wool, raw.....	—	—	5,972
Wool, pulled.....	lb.	1,437,092	308,747
Woollen cloth—			
All wool, woollen.....	yd.	7,765,710	7,484,589
All wool, worsted.....	"	3,677,714	5,267,399
Cotton warp, woollen.....	"	902,201	429,489
Flannels.....	"	14,365	16,203
Velours and plushes.....	"	844,078	1,121,626
Wool and cotton.....	"	562,390	372,144
Woollen and worsted goods, not specified.....	—	—	1,331,487
Wrappers, bottle.....	—	—	158,285
Wrappers, paper, not specified.....	—	—	893,821
Wringers, clothes.....	No.	24,971	89,077
Yarns, made for sale—			
Cotton, grey.....	lb.	19,851,768	6,384,668
Cotton, bleached and coloured.....	"	5,373,324	2,202,766
Cotton and mixtures, not specified.....	"	1,634,205	639,453
Silk and artificial silk.....	"	8,957,144	6,432,071
Woollen.....	"	5,306,472	1,913,955
Worsted.....	"	7,494,785	7,146,354
Not specified.....	"	598,451	631,037
Yeast and yeast food.....	"	14,974,895	3,119,923
Zinc (other than smelter products).....	lb.	1,799,494	67,509
Zinc cyanide.....	—	—	—
Zinc oxide and zinc dust.....	lb.	3,393,301	148,257
Zinc products, not specified.....	—	—	14,397
Manufactured food products, packaged only.....	lb.	4,931,709	404,396
Amount paid to clothing contractors.....	—	—	1,918,575
All other products, not specified—			
Vegetable products group.....	—	—	621,753
Animal products group.....	—	—	1,427,080
Textile products group.....	—	—	772,328
Wood and paper products group.....	—	—	2,080,109
Iron and steel products group.....	—	—	14,654,803
Non-ferrous metal products group.....	—	—	1,886,321
Non-metallic mineral products group.....	—	—	778,893
Chemicals and chemical products group.....	—	—	1,330,466
Miscellaneous products group.....	—	—	332,404
Custom work and repairs—			
Vegetable products group.....	—	—	52,109
Animal products group.....	—	—	204,318
Textile products group.....	—	—	2,127,468
Wood and paper products group.....	—	—	1,388,445
Iron and steel products group.....	—	—	32,161,194
Non-ferrous metal products group.....	—	—	1,120,974
Non-metallic mineral products group.....	—	—	153,961
Chemicals and chemical products group.....	—	—	5,115
Miscellaneous products group.....	—	—	977,577
Products which were reported by only one or two firms and for which figures cannot be shown separately.....	—	—	100,586,315
Total value of all products.....			2,846,557,731

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

CANADA.

LIST OF PUBLICATIONS, CENSUS OF MANUFACTURES; DOMINION BUREAU OF STATISTICS

Manufactures.

- (1) General—General Report on the Manufacturing Industries of Canada; Geographical Distribution of the Manufacturing Industries of Canada; also Report for the Provinces and Leading Cities; Alphabetical List of Products; (annual report); Quantity of Manufacturing Production in Canada, 1923-29; Consumption of Luxuries (annual report).
- (2) Manufactures of Vegetable Products—General Report on Manufactures of Vegetable Products. Annual Bulletins as follows: (*a*) Coffee, Tea, Spices and miscellaneous foods; (*b*) Fruit and Vegetable Preparation, including Canning, Evaporating and Preserving, and Pickles, Sauces, Vinegar and Cider; (*c*) Flour and Grist Mill Products; (*d*) Bread and other Bakery Products; (*e*) Biscuits and Confectionery, including Cocoa and Chocolate; (*f*) Macaroni and Vermicelli; (*g*) Distilled Liquors; (*h*) Breweries; (*i*) Wine; (*j*) Rubber Goods and Rubber Boots and Shoes; (*k*) Prepared Breakfast Foods; (*l*) Sugar Refineries; (*m*) Tobacco Products; (*n*) Linseed Oil and Soya Bean Oil; (*o*) The Canned Foods Industry; (*p*) Ice Cream; (*q*) Pack of Fruits and Vegetables, preliminary; (*r*) Barley and Its Production; (*s*) Mixed Feed Trade in Canada; (*t*) Stocks of Unmanufactured Tobacco on hand, quarterly report; (*u*) Stocks of Canned Fruits and Vegetables, quarterly report.
- (3) Animal Products and their Manufactures—Annual Reports and Bulletins as follows: (*a*) The Dairy Factory Industry; (*b*) Slaughtering and Meat Packing and Sausage and Sausage Casings; (*c*) Leather Tanneries; (*d*) Harness and Saddlery, Leather Belting, Trunks and Valises, Miscellaneous Leather Goods; Boot and Shoe Findings, Leather; (*e*) Leather Boots and Shoes; (*f*) Leather Gloves and Mitts; (*g*) Fur Goods, Fur Dressing. Monthly Bulletin on Boot and Shoe Production. Monthly Bulletin on Concentrated Milk Products. Annual Statement on Production of Processed Cheese.
- (4) Textile and Allied Industries—General Report on the Textile Industries of Canada. Annual Bulletins as follows: (*a*) Cotton Textiles (cloth, yarn, thread and waste); (*b*) Woollen Textiles (cloth, yarn, waste, carpets and woollen goods, n.e.s.); (*c*) The Silk Industry; (*d*) Men's Factory Clothing; (*e*) Women's Factory Clothing; (*f*) Hats and Caps; (*g*) Hosiery and Knitted Goods; (*h*) Men's Furnishings, n.e.s.; (*i*) Oiled Clothing and Waterproofs; (*j*) Cordage, Rope and Twine; (*k*) Corsets; (*l*) Cotton and Jute Bags; (*m*) Dyeing, Cleaning and Laundry Work; (*n*) Dyeing and Finishing of Textiles; (*o*) Awnings, Tents and Sails; (*p*) Production and Consumption of Raw Wool in Canada, 1931; (*q*) Consumption of Wool, Tops and Yarns, 1932.
- (5) Manufactures of Forestry Products—Printed Bilingual Annual Reports; (*a*) The Lumber Industry; (*b*) The Pulp and Paper Industry; (*c*) Wood-Using Industries; (*d*) Paper-Using Industries. Mimeographed Annual Bulletins: (*a*) The Lumber Industry; (*b*) Lumber Distribution in Canada and the United States (biennial); (*c*) The Pulp and Paper Industry; (*d*) Planing Mills, Sash and Door Factories; (*e*) Hardwood Flooring; (*f*) Furniture; (*g*) Boxes, Baskets and Crates; (*h*) Carriages, Wagons and Materials; (*i*) Cooperage; (*j*) Coffins and Caskets; (*k*) Sporting Goods; (*l*) Boatbuilding; (*m*) Lasts, Trees and Shoe Findings; (*n*) Handles, Spools and Woodturning; (*o*) Woodenware; (*p*) Excelsior; (*q*) Miscellaneous Wood-Using Industries; (*r*) Printing and Publishing; (*s*) Printing and Bookbinding; (*t*) Lithographing; (*u*) Engraving, Electrotyping and Stereotyping; (*v*) Trade Composition; (*w*) Paper Boxes and Bags; (*x*) Blueprinting; (*y*) Roofing Paper; (*z*) Miscellaneous Paper Goods. The Printing Trades (combining (*r*), (*s*), (*t*), (*u*), (*v*) and (*x*)). Mimeographed Monthly Bulletins—(*a*) Asphalt Roofing Production; (*b*) Asphalt Roofing Sales; (*c*) Rigid Insulating Board Shipments.

- (6) Iron and Steel and their Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on the Iron and Steel Industry. (a) Primary Iron and Steel; (b) Castings and Forgings; (c) Boilers, Tanks and Engines; (d) Farm Implements and Machinery; (e) Machinery; (f) Automobiles; (g) Automobile Parts; (h) Railway Rolling Stock; (i) Wire and Wire Goods; (j) Sheet Metal Products; (k) Hardware, Tools and Cutlery; (l) Bridge Building and Structural Steel; (m) Miscellaneous Iron and Steel Products. Commodity Bulletins on the Production of Pig Iron; Steel; Washing Machines; Cream Separators; Warm Air Furnaces; Galvanized Sheets, Wire Nails; Wire Rope and Cable; Steel Wire; Wire Fencing; Stoves, etc. Monthly Bulletins: (a) Iron and Steel; (b) Automobile Statistics.
- (7) Manufactures of Non-Ferrous Metals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Ferrous Metals. (a) Aluminium Products; (b) Brass and Copper Products; (c) Lead, Tin and Zinc Products; (d) Jewellery and Silverware; (e) Electrical Apparatus and Supplies; (f) Miscellaneous Non-Ferrous Metal Goods. Quarterly Reports on Production and Sales of Radio Sets and Sales of Storage Batteries. Commodity Bulletins on the Production of Batteries; Silverware; Vacuum Cleaners; Electric Motors and Generators; Electric Transformers; Incandescent Lamps, etc.
- (8) Manufactures of the Non-Metallic Minerals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Metallic Minerals. (a) Aerated Waters; (b) Asbestos Products; (c) Cement; (d) Cement Products; (e) Coke and Gas; (f) Glass (blown, cut and ornamental etc.); (g) Lime; (h) Petroleum Products; (i) Products from Domestic Clays; (j) Products from Imported Clays; (k) Salt; (l) Sand-lime Brick; (m) Dressed Stone; (n) Artificial Abrasives and Abrasive Products; (o) Miscellaneous Non-Metallic Mineral Products, including Carbon Electrodes—Gypsum Products—Mica Products—Non-Metallic Minerals, n.e.s. Also special report on the consumption of Coke in Canada. Monthly Bulletin on Coke Statistics.
- (9) Chemicals and Allied Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Chemicals and Allied Products. (a) Coal Tar Distillation; (b) Acids, Alkalies and Salts; (c) Compressed Gases; (d) Explosives, Ammunition and Fireworks; (e) Fertilizers; (f) Medicinal and Pharmaceutical Preparations; (g) Paints, Pigments and Varnishes; (h) Soaps Cleaning Preparations and Washing Compounds; (i) Toilet Preparations; (j) Inks; (k) Adhesives; (l) Polishes and Dressings; (m) Wood Distillation; (n) Miscellaneous Chemical Products, including Boiler Compounds; Cellulose Products; Insecticides; Sweeping Compounds, Disinfectants; Matches; Dyes and Colours; Chemical Products, n.e.s. Special Reports on the Fertilizer Trade in Canada. Commodity Bulletins on Sulphuric Acid, Ammonium Sulphate, etc. Special Report—Directory of Chemical Industries in Canada, as of July 1, 1932. Special Report on the Consumption of Chemicals in Municipal Waterworks in Canada, 1934 and 1935.
- (10) Miscellaneous Manufactures—General Report. Annual Bulletins as follows: (a) Brooms, Brushes and Mops; (b) Musical Instruments (including pianos, organs and phonographs) and Musical Instrument Materials and Parts; (c) Buttons; (d) Bed Springs and Mattresses.
- (11) Electrical Stations—(a) Annual Report on Central Electric Stations in Canada; (b) Report on Index Numbers of Electric Light Rates; (c) Report on use of Electric Energy in Industries; (d) Monthly Report on Electric Energy Generated.

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