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CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH

The Manufacturing Industries of Canada, 1936

SUMMARY REPORT

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



DOMINION BUREAU
OF STATISTICS

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TABLE OF CONTENTS

	PAGE
Section 1. <i>The Evolution of Canadian Manufacturing Industries</i>	5
Subsection 1. Growth of Manufacturing in Canada since 1870.....	6
1. Historical Summary of Statistics of Manufactures for the Dominion, 1870-1936.....	7
2. Summary Statistics of Manufactures, by Provinces, for Representative Years, 1917-36.....	8
3. Summary Statistics of Manufactures, by Industrial Groups, for Representative Years, 1917-36.....	10
4. Summary Statistics of Manufactures for Representative Years, 1917-36.....	13
5. Consumption of Manufactured Products, by Groups, 1936, with Totals for 1922-35.....	14
Subsection 2. Value and Volume of Manufactured Products.....	14
6. Indexes of the Volume of Manufacturing Production according to Component Material and Purpose Classifications, 1923, 1929, and 1932-36.....	16
7. Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, 1923, 1929, and 1932-36.....	16
Section 2. <i>Production of Industrial Groups and Individual Industries</i>	17
Subsection 1. Manufactures Grouped by Chief Component Materials.....	18
8. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Groups of Industries Compared for Specific Years, 1929-36.....	18
9. Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Canadian Manufacturing Industries, 1936.....	24
Subsection 2. Manufactures Classified by the Purpose of the Products.....	30
10. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups for Representative Years 1922-35 and in Detail for 1936.....	30
Subsection 3. Manufactures Classified by Origin of the Materials.....	32
11. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups for Representative Years 1924-36.....	33
Subsection 4. The Forty Leading Manufacturing Industries.....	35
12. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1936.....	36
12A. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1935.....	37
Section 3. <i>Provincial Distribution of Manufacturing Production</i>	38
13. Gross Value of Products of the Manufacturing Industries of Canada, by Provinces, Groups, and Individual Industries, 1936.....	38
Subsection 1. The Manufactures of the Maritime Provinces, 1936.....	44
14. Statistics of the Leading Industries of Each of the Maritime Provinces, 1936.....	44
Subsection 2. The Manufactures of Quebec, 1936.....	45
15. Statistics of the Leading Industries of the Province of Quebec, 1936.....	46
Subsection 3. The Manufactures of Ontario, 1936.....	47
16. Statistics of the Leading Industries of the Province of Ontario, 1936.....	48
Subsection 4. The Manufactures of the Prairie Provinces, 1936.....	48
17. Statistics of the Leading Industries of Manitoba, Saskatchewan, and Alberta, 1936.....	49
Subsection 5. The Manufactures of British Columbia, 1936.....	50
18. Statistics of the Leading Industries of British Columbia and Yukon, 1936.....	50
Section 4. <i>Principal Factors in Manufacturing Production</i>	51
Subsection 1. Capital Employed.....	51
19. Distribution of Capital Employed in the Manufacturing Industries of Canada, in Percentages, by Provinces and Industrial Groups, Representative Years 1917-36.....	51
20. Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Groups of Industries, 1936, and Totals for Representative Years, 1924-35.....	52
Subsection 2. Employment in Manufactures.....	52
21. Salaried Employees and Wage-Earners in the Manufacturing Industries of Canada, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1917-36.....	54
22. Percentages of Male and Female Employees on Salaries and Wages and Percentages of Total Salaries and Wages, by Provinces and Groups of Industries, 1936.....	55
23. Total Numbers of Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and by Sex, for Representative Years 1922-36.....	56
24. Wage-Earners Working a Specified Number of Hours in the Month of Highest Employment from 1932 to 1935 and in Detail by Provinces, Groups, and the Forty Leading Industries, 1936.....	57

TABLE OF CONTENTS—Continued

	PAGE
Section 4. <i>Principal Factors in Manufacturing Production—concluded.</i>	
Subsection 3. <i>Wages and Salaries in Canadian Manufacturing Industries</i>	59
25. <i>Employees on Salaries and Wages in the Manufacturing Industries, 1936, by Sex, and Average Salaries and Wages, 1925 and 1936, by Provinces and Groups</i>	60
26. <i>Statistics of Salaries and Wages Paid in the Forty Leading Industries, 1936, together with Comparative Figures of Average Salaries and Wages Paid in 1925 and Totals and Averages paid in Representative Years 1917-36</i>	61
27. <i>Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living, and Real Wages of Wage-Earners, in Manufacturing Industries, 1917-36</i>	62
28. <i>Percentages of Wages and Salaries Paid to Total Net Values of Manufacturing Production, 1924-36</i>	63
Subsection 4. <i>Size of Manufacturing Establishments</i>	63
29. <i>Manufacturing Establishments Grouped according to Cross Values of Products, with Total and Average Values of Products in each Class, for Canada, 1922, 1929, 1935 and 1936</i>	64
30. <i>Manufacturing Establishments, Grouped according to Cross Values of Products, with Total Values of Products in each Class, by Provinces, 1936</i>	64
31. <i>Establishments and Employees in Canadian Manufactures, Grouped according to the Number of Employees per Establishment, 1923, 1929, 1935 and 1936</i>	65
32. <i>Establishments and Employees in Canadian Manufactures, by Provinces, and Average Number of Employees per Establishment, 1936</i>	66
33. <i>Size of Establishments of some of the Leading Industries, Grouped according to the Cross Value of Products, and the Number of Persons Employed, 1936</i>	67
Subsection 5. <i>Power and Fuel</i>	68
34. <i>Totals for Canada of Power Installed in the Manufacturing Industries, 1922-35, with Details by Provinces and Industrial Groups for 1936</i>	68
35. <i>Fuel and Electricity Used in the Manufacturing Industries of Canada, 1922-35, with Details by Provinces and Groups, 1936</i>	70
Section 5. <i>Manufacturing Industries in Cities and Towns</i>	71
36. <i>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, 1936</i>	71
37. <i>Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1932-36</i>	72
38. <i>Statistics of Manufactures of Municipalities, Each with a Gross Production of \$1,000,000 or over, and with Three or More Establishments, 1936</i>	73
39. <i>Principal Statistics of Manufactures by Counties and Census Divisions, 1936</i>	76
Appendix I—	
Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1936	80
Appendix II—	
Alphabetical List of Products Manufactured in Canada, 1936	88
List of Publications of the Census of Manufactures	122

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, 1936.

This report deals with manufacturing industries in Canada under five main headings: the first, *The Evolution of Canadian Manufacturing Industries*, shows the historical development of manufacturing in Canada in so far as statistical data are available; the second, *Production of Industrial Groups and Individual Industries*, gives a detailed treatment of current production under various groupings and individual industries; the third shows the *Provincial Distribution of Manufacturing Production* under present-day conditions; the fourth analyses the *Principal Factors in Manufacturing Production* under such sub-headings as capital, employment, salaries and wages, size of establishment, and power and fuel; and the fifth presents statistics of *Manufacturing Industries in Cities and Towns*.

With regard to the first section dealing with historical development, it has been impossible to compile absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and, while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made for the present edition to carry all major revisions, in so far as possible, back to 1917, so that, in the main, the figures for the period since then are on a reasonably comparable basis. Revisions made since publication of the previous edition are indicated by notes to the tables affected.

Section 1.—The Evolution of Canadian Manufacturing Industries.

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.

Since the earliest settlements two main influences have been operating upon the development of manufacturing in Canada: first, the domestic requirements of the growing Canadian population; and secondly, the processing of natural products

of Canada to change them to more suitable forms for export. The comparatively small home market, a large part of it in scattered agricultural areas, has always limited the range of goods which may be economically manufactured in Canada for that market. As the Canadian population increases and as the means of distribution improve, the range of goods which may be efficiently manufactured for the home market is being constantly widened, although, as the general standard of living in Canada rises, the variety of fabricated goods for which there is an effective demand within the country is continually expanding, so that there will always be a place in the Canadian market for imports of highly fabricated goods from larger and more intensely industrialized countries.

A striking modern feature of manufacture for the home market is the importation of raw materials not indigenous to Canada for the production of goods for which there is a large domestic market. Typical examples are the cotton textile and the rubber goods industries. Furthermore, a large iron and steel industry has grown up in Nova Scotia, Quebec and Ontario, dependent upon imported iron ore from Newfoundland and the United States.

From the beginning, important manufacturing operations in Canada have been associated with the preparation of natural products for export. Early examples were the curing of fish and furs and the preparation of forest products. In the days of wooden ships, shipbuilding was an important industry along the St. Lawrence and in the Maritime Provinces. Similarly, under modern conditions, the largest industries are mainly based upon the country's natural resources in agriculture, forests, and minerals, while cheap water power is an important factor in the ability of these great manufactures to compete successfully in world markets.

Under modern conditions the major part of our exports of natural products have undergone some manufacturing process before being shipped abroad. Typical examples are: wheat flour, dairy products, and dressed meats arising from the agricultural resources; lumber, shingles, and pulp and paper from the forests; refined metals from the mines of Canada; and cured and canned fish from the Atlantic and Pacific fisheries. The proportions of manufactured goods among Canadian exports may be found in the Condensed Preliminary Report on the Trade of Canada, 1937-38, pp. 34-40, and at pp. 524-526 of the 1938 Year Book.

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

Growth of Canadian Manufactures Prior to the War.—Until the late '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 gross values of manufactured commodities from \$221,600,000 in 1870 to \$469,800,000 in 1890, as shown in Table I. 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 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 previously been imported. 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 became more specialized, a high degree of administrative and mechanical efficiency was attained, and Canada became an important industrial country.

Since the annual Census of Manufactures was begun only in 1917, the growth of manufacturing production during the first years of the War cannot be shown in Table 1. Figures of 1915 are not on a strictly comparable basis with those of later years. However, the effect of the inflation of the war period, which reached its height in the summer of 1920, is evident. The course of manufacturing production thereafter throughout the 1920's is clearly shown in the figures of the table. In 1929 gross values of production exceeded those of 1920, although the prices of manufactured goods had dropped about 41 p.c. in the intervening period.

1.—Historical Summary of Statistics of Manufactures for the Dominion, 1870-1936.

NOTE.—Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925. Figures for 1917 and subsequent years have been revised since publication of the 1935 report due to the exclusion of the central electric stations and dyeing, cleaning, and laundry industries from the statistics of manufactures.

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	165,302,623	251,935	59,129,002	179,918,593	179,757,475	309,676,068
1890	75,964	353,213,000	369,595	100,415,350	250,759,292	219,089,694	460,847,896
(Establishments with five hands and over.)							
1890	11,065	—	272,031	79,274,311	—	—	368,696,723
1890	11,650	416,916,487	339,173	113,219,350	266,527,865	214,525,517	484,653,375
1910	19,218	1,217,583,608	515,203	211,008,416	601,509,015	561,466,621	1,166,975,639
1915	15,593	1,958,705,220	—	283,311,505	791,943,133	589,603,792	1,384,517,225
(All establishments irrespective of the number of employees.) ²							
1917	21,845	2,337,991,225	606,523	497,801,810	1,539,678,811	1,284,131,290	2,820,810,791
1918	21,777	2,518,192,725	602,179	567,991,171	1,827,631,516	1,399,791,819	3,227,425,397
1919	22,003	2,670,559,135	591,066	604,715,668	1,779,056,765	1,412,000,638	3,221,457,403
1920	22,332	2,923,667,011	598,890	717,493,876	2,085,274,619	1,621,273,348	3,706,544,997
1921	21,378	2,705,356,907	445,362	503,550,459	1,366,803,683	1,125,507,250	2,507,009,935
1922	21,016	2,167,493,297	456,756	489,497,210	1,232,651,587	1,103,266,100	2,375,917,691
1923	21,030	2,788,051,630	506,203	549,529,631	1,456,595,367	1,205,332,107	2,662,977,174
1924	20,709	2,895,347,505	487,610	534,467,676	1,422,573,916	1,076,458,459	2,570,504,934
1925	20,984	3,065,730,916	522,921	569,911,442	1,571,788,252	1,167,936,725	2,816,861,978
1926 ³	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,519	3,100,601,637
1927 ³	21,501	3,151,825,529	594,052	662,705,372	1,711,128,711	1,427,619,292	3,257,214,876
1928 ³	21,977	3,004,062,166	631,179	724,471,631	1,894,072,188	1,597,887,676	3,482,345,362
1929 ³	22,216	1,001,892,009	666,331	777,291,217	2,029,670,813	1,755,386,935	3,893,446,116
1930 ³	22,618	1,041,030,171	614,696	697,555,379	1,664,587,763	1,522,737,125	3,270,236,603
1931 ³	21,038	3,795,701,893	378,610	587,566,990	1,221,911,982	1,232,017,218	2,565,126,448
1932	23,102	3,580,445,509	468,833	473,601,716	951,384,097	953,950,724	1,930,474,543
1933 ³	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934	21,209	3,219,318,861	519,812	503,851,055	1,223,513,621	1,087,501,742	2,393,692,729
1935	24,011	3,216,401,127	556,664	559,461,777	1,419,446,217	1,153,485,104	2,651,911,209
1936	24,202	3,271,263,331	501,359	612,074,131	1,624,243,996	1,289,592,672	3,002,403,814

¹In 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 fuel and electricity as well as the cost of materials from the gross value of the products. The figures for 1924 and later years have, therefore, been revised in accordance with this resolution. The revision could not be carried further back as statistics for cost of electricity are not available for years prior to 1924.

²A 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. 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.

³Not reported.

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 was lower in value than in any other year since the annual census was begun in 1917 but the wholesale price index for fully and chiefly manufactured goods on the 1926 base declined from 93.0 in 1929 to 70.2 in 1933, and rose only to 73.6 in 1936. That the decline in the volume of manufactures produced was not so great as that of values is evident by comparing the figures of Table 6, p. 16, with these of Table 3. Table 8, p. 18, shows in percentages the effect of the depression on employment, salaries and wages, and gross value of products. Both these analyses indicate that the incidence of the depression affected some industries much more than others. Generally speaking, the production of consumption goods was much better maintained than that of capital goods.

2.—Summary Statistics of Manufactures, by Provinces, for Representative Years, 1917-36.

NOTE.—Figures have been revised since the publication of the 1935 report. See headnote to Table 1.

Year and Province.	Estab-lish-ments.	Capital.	Em-employees.	Salaries and Wages.	Cost of Materials.	Net Value of Products. ¹	Gross Value of Products.
	No.	\$	No.	\$	\$	\$	\$
1917.	21,845	2,333,991,229	606,523	197,891,844	1,339,678,811	1,281,131,980	2,820,810,791
P.E. Island.....	411	2,008,082	1,556	663,251	3,087,021	1,750,135	4,837,756
Nova Scotia.....	1,337	124,357,851	25,252	18,838,051	102,415,215	57,505,703	159,980,918
New Brunswick.....	943	40,361,007	19,710	12,893,014	32,380,621	27,027,725	59,408,346
Quebec.....	7,032	662,012,875	188,040	141,007,016	385,212,984	380,882,408	766,095,393
Ontario.....	9,061	1,157,850,643	299,842	258,891,136	794,556,502	602,174,261	1,456,730,763
Manitoba.....	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
Saskatchewan.....	560	24,372,585	6,230	5,402,332	22,040,674	13,994,179	35,934,853
Alberta.....	636	49,146,241	9,464	8,602,417	42,632,212	23,883,673	66,515,885
B.C. and Yukon.....	1,133	171,375,087	37,490	34,930,604	87,637,835	71,673,094	159,310,927
1920.	22,532	2,923,667,011	598,893	717,193,876	2,085,271,519	1,621,223,348	3,706,514,997
P.E. Island.....	373	2,328,686	1,286	865,210	5,164,223	2,135,857	6,300,080
Nova Scotia.....	1,343	135,679,188	23,424	25,025,089	85,724,785	61,371,243	147,000,028
New Brunswick.....	901	101,276,395	19,007	19,266,821	50,812,641	45,803,104	105,615,805
Quebec.....	7,530	878,859,638	183,748	202,516,550	555,558,320	490,643,217	1,053,201,737
Ontario.....	9,113	1,464,097,346	293,674	362,941,317	1,071,543,374	792,267,562	1,864,110,936
Manitoba.....	745	94,424,145	23,727	32,372,081	92,729,271	62,776,912	155,506,183
Saskatchewan.....	556	24,440,520	6,769	6,657,478	34,894,105	22,610,861	57,504,966
Alberta.....	666	48,130,655	10,960	15,218,013	56,139,646	29,812,891	85,952,537
B.C. and Yukon.....	1,305	174,110,438	34,298	49,041,317	125,405,084	104,851,641	230,256,725
1922.	21,616	2,667,483,296	456,251	489,397,230	1,272,651,585	1,103,266,106	2,375,917,691
P.E. Island.....	340	2,446,574	1,086	593,660	2,620,235	1,660,282	4,280,517
Nova Scotia.....	1,092	98,117,891	13,678	11,586,235	37,980,329	27,516,271	65,496,600
New Brunswick.....	840	77,036,621	13,934	11,801,670	38,032,967	25,163,444	63,196,411
Quebec.....	7,190	800,850,568	143,584	139,876,821	333,298,544	346,020,126	679,318,670
Ontario.....	8,703	1,400,041,955	235,076	265,818,003	674,025,732	572,098,704	1,240,124,436
Manitoba.....	697	105,172,676	13,076	16,853,345	54,373,811	36,842,899	91,216,710
Saskatchewan.....	490	22,734,469	3,404	4,734,885	22,366,129	13,186,266	35,552,395
Alberta.....	556	41,154,178	6,516	8,293,572	30,189,648	18,939,659	49,129,307
B.C. and Yukon.....	1,102	159,929,346	25,818	29,839,039	79,764,190	61,838,455	141,002,645
1926.*	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,681,637
P.E. Island.....	287	2,186,192	2,215	651,891	2,636,617	1,174,803	3,893,651
Nova Scotia.....	1,077	105,243,253	16,099	12,204,112	39,094,533	28,425,438	70,341,089
New Brunswick.....	849	85,068,236	17,211	14,149,648	44,038,338	25,890,931	71,898,758
Quebec.....	6,919	967,453,188	174,988	182,867,362	439,344,919	399,990,947	865,719,634
Ontario.....	8,898	1,618,824,058	270,676	322,040,731	890,984,983	667,058,655	1,604,765,985
Manitoba.....	743	87,873,743	19,736	25,053,527	74,647,339	48,878,988	129,767,089
Saskatchewan.....	517	24,280,453	4,213	5,533,340	29,057,333	13,365,571	43,462,179
Alberta.....	640	56,346,245	9,088	11,403,539	49,708,921	27,632,183	78,075,108
B.C. and Yukon.....	1,371	200,705,829	44,935	51,688,092	137,007,008	92,751,033	236,081,144

¹ See footnote 1, Table 1, p. 7.

² See footnote 3, Table 1, p. 7.

**2.—Summary Statistics of Manufactures, by Provinces, for Representative Years,
1917-36—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.	\$	\$	\$	\$
1929.²							
Canada	22,216	4,001,892,008	666,531	777,291,217	2,029,679,813	1,755,386,937	3,883,116,116
P.E. Island.....	263	2,646,354	2,074	727,281	2,862,125	1,466,446	4,408,608
Nova Scotia.....	1,094	118,951,398	10,980	16,905,885	50,125,562	35,676,421	89,787,548
New Brunswick.....	803	91,376,948	17,952	15,127,711	39,800,366	26,140,780	68,145,012
Quebec.....	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,799,395	1,108,592,775
Ontario.....	9,348	1,886,736,550	328,533	406,622,621	1,056,530,202	916,971,816	2,020,492,433
Manitoba.....	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,296,294
Saskatchewan.....	594	43,925,797	7,025	9,105,591	51,033,566	23,002,952	75,368,605
Alberta.....	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
B.C. and Yukon.....	1,599	311,806,456	48,153	57,764,908	141,145,838	113,082,137	260,418,645
1930.²							
Canada	22,618	4,011,039,475	614,696	697,555,378	1,664,787,763	1,527,737,125	3,240,236,603
P.E. Island.....	253	2,614,040	1,981	723,981	2,544,716	1,367,340	3,995,207
Nova Scotia.....	1,197	107,128,907	10,040	16,269,451	44,450,933	33,565,726	81,428,691
New Brunswick.....	867	112,840,644	17,742	14,303,224	33,853,411	24,051,688	60,169,932
Quebec.....	7,195	1,275,067,539	197,201	207,438,800	461,705,366	479,054,474	973,175,856
Ontario.....	9,315	1,980,064,670	295,593	354,328,542	835,842,111	776,909,888	1,655,006,362
Manitoba.....	876	126,806,801	24,003	30,876,043	74,535,962	56,007,805	133,845,947
Saskatchewan.....	591	41,602,686	6,137	7,825,229	35,493,733	20,018,476	56,806,380
Alberta.....	758	81,272,088	12,625	15,252,446	53,460,736	33,291,587	88,361,723
B.C. and Yukon.....	1,566	313,093,114	39,468	50,537,653	122,901,168	98,470,141	227,446,505
1933.							
Canada	23,796	3,279,759,838	468,658	436,247,821	967,788,928	919,671,181	1,954,075,785
P.E. Island.....	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
Nova Scotia.....	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
New Brunswick.....	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
Quebec.....	7,856	1,035,339,591	157,481	134,696,386	292,562,568	288,504,782	604,496,078
Ontario.....	9,542	1,587,947,947	224,816	220,530,088	464,544,562	465,103,842	958,776,858
Manitoba.....	1,010	100,074,404	18,871	18,687,430	44,519,998	37,390,275	83,934,777
Saskatchewan.....	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,659,387
Alberta.....	874	69,604,563	9,753	9,573,498	29,425,975	18,876,929	49,395,514
B.C. and Yukon.....	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1935.							
Canada	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,164	2,653,911,209
P.E. Island.....	247	2,318,905	1,025	547,019	1,892,578	1,098,551	3,047,130
Nova Scotia.....	1,252	87,396,597	14,870	12,853,724	31,592,708	26,186,396	61,442,272
New Brunswick.....	819	82,974,755	13,237	11,050,094	25,519,777	24,287,140	52,771,784
Quebec.....	7,727	1,014,479,736	182,987	165,833,586	398,110,681	342,615,835	769,094,662
Ontario.....	9,636	1,542,457,257	270,449	289,982,198	717,862,532	609,641,993	1,363,185,363
Manitoba.....	1,035	116,127,822	21,196	22,403,193	67,756,585	39,559,035	109,621,432
Saskatchewan.....	740	39,915,044	5,547	5,548,729	27,987,307	13,035,785	42,031,223
Alberta.....	908	68,110,643	11,029	11,268,681	42,762,450	23,769,306	67,830,918
B.C. and Yukon.....	1,670	262,422,908	36,324	39,980,553	105,661,599	73,291,063	184,880,485
1936.							
Canada	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
P.E. Island.....	233	2,394,532	996	553,008	2,200,028	1,055,201	3,311,223
Nova Scotia.....	1,158	87,888,353	15,944	13,784,556	36,077,909	27,788,510	67,784,970
New Brunswick.....	784	81,468,098	13,710	11,855,051	29,202,851	23,781,487	56,225,201
Quebec.....	7,999	1,029,546,039	194,876	182,319,454	455,027,759	377,514,998	863,687,380
Ontario.....	9,753	1,588,484,130	288,992	314,872,843	822,884,081	686,470,917	1,547,551,931
Manitoba.....	1,011	118,515,841	22,507	24,490,209	74,374,078	45,015,577	122,050,502
Saskatchewan.....	694	42,055,557	5,782	6,013,378	35,311,152	15,185,500	51,604,510
Alberta.....	905	70,224,578	11,756	12,328,471	47,684,029	25,000,136	74,052,010
B.C. and Yukon.....	1,695	250,686,403	39,796	45,854,374	121,362,118	87,780,346	216,136,078

¹ See footnote 1, Table 1, p. 7.² See footnote 3, Table 1, p. 7.

3.—Summary Statistics of Manufactures, by Industrial Groups, for Representative Years, 1917-36.

NOTE.—Figures have been revised since the publication of the 1935 report. See headnote to Table 1, p. 7.

Industrial Group and Year.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Net Value of Products. ¹	Gross Value of Products.
	No.	\$	No.	\$	\$	\$	\$
1917.							
Totals	21,845	2,333,991,229	606,523	497,861,841	1,539,678,811	1,281,131,980	2,820,974,791
Vegetable products...	4,151	279,627,827	62,791	45,916,557	367,214,061	183,782,501	550,996,562
Animal products...	5,486	207,165,245	46,934	35,753,133	320,302,039	124,103,990	444,406,029
Textile products...	1,033	190,664,564	76,315	47,386,592	131,071,158	109,227,157	240,298,315
Wood and paper...	7,258	538,022,224	153,701	115,198,434	150,122,143	249,201,596	399,323,739
Iron products...	1,495	195,677,552	161,745	161,875,426	378,193,116	371,792,439	749,985,605
Non-ferrous metals...	296	69,421,911	18,220	15,898,890	46,445,469	41,039,351	87,484,820
Non-metallic minerals...	1,075	145,423,082	20,781	18,224,724	36,904,392	58,092,396	95,080,788
Chemicals...	539	175,836,990	56,153	51,505,484	99,068,092	131,381,995	230,450,087
Miscellaneous industries...	512	32,152,134	9,823	6,042,604	10,268,341	12,510,505	22,778,846
1920.							
Totals	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
Vegetable products...	4,549	402,383,047	74,241	77,150,189	536,828,044	239,328,371	776,156,415
Animal products...	4,823	221,792,457	48,687	54,291,606	400,496,354	152,995,130	553,401,484
Textile products...	1,304	302,758,185	87,730	84,433,609	256,233,300	173,741,035	429,974,335
Wood and paper...	7,881	774,937,232	144,391	172,368,578	309,813,724	417,256,115	727,069,899
Iron products...	1,789	726,371,335	164,087	231,595,911	377,499,134	411,875,057	789,374,191
Non-ferrous metals...	324	109,382,033	23,162	27,895,343	48,434,120	52,847,178	101,281,298
Non-metallic minerals...	866	215,281,921	25,500	32,351,764	69,856,558	80,205,472	150,062,030
Chemicals...	464	122,123,730	17,653	22,193,421	62,644,608	65,183,212	127,827,820
Miscellaneous industries...	552	48,037,071	13,442	14,613,455	23,465,807	27,841,778	51,307,585
1922.							
Totals	21,016	2,667,493,290	456,236	489,397,230	1,272,651,585	1,103,266,166	2,375,917,691
Vegetable products...	4,638	379,567,139	64,753	66,228,286	333,295,009	210,885,301	544,159,310
Animal products...	5,118	301,829,414	49,595	49,933,679	264,078,631	107,473,382	371,552,013
Textile products...	1,089	259,324,870	80,558	69,685,529	151,333,320	142,577,057	293,910,377
Wood and paper...	6,966	761,020,931	118,364	132,092,249	206,860,089	283,006,200	489,866,289
Iron products...	1,083	567,011,222	78,565	95,443,053	171,529,999	170,769,391	342,299,309
Non-ferrous metals...	325	102,208,275	18,222	21,451,629	30,861,895	39,993,798	70,855,693
Non-metallic minerals...	812	230,486,004	20,932	25,401,278	60,671,305	74,022,607	134,693,912
Chemicals...	469	118,025,483	14,082	16,770,503	37,650,061	48,981,277	86,631,338
Miscellaneous industries...	516	48,020,052	11,185	12,391,024	16,371,366	23,607,093	41,978,459
1920.²							
Totals	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,385,168,519	3,166,601,637
Vegetable products...	4,876	459,954,621	75,599	77,228,907	417,369,891	238,526,689	665,727,220
Animal products...	4,896	223,938,559	67,843	60,203,986	329,114,265	118,071,730	452,034,925
Textile products...	1,348	299,997,102	91,640	80,371,061	200,728,205	143,682,701	348,692,376
Wood and paper...	6,741	938,531,443	134,035	100,800,772	260,538,320	314,716,662	599,639,225
Iron products...	1,195	655,489,290	111,258	148,150,243	270,730,832	250,312,216	534,191,465
Non-ferrous metals...	403	202,503,426	30,095	39,201,147	90,613,004	84,893,291	183,501,723
Non-metallic minerals...	893	251,028,657	24,354	30,107,628	79,239,842	73,204,971	166,750,419
Chemicals...	556	133,407,891	14,345	18,309,377	46,124,557	58,630,323	109,500,933
Miscellaneous industries...	393	53,220,208	10,032	11,309,121	18,061,071	22,939,966	41,582,051
1920.²							
Totals	22,216	1,061,892,009	666,531	777,291,215	2,629,670,813	1,755,386,937	3,883,116,116
Vegetable products...	3,350	581,820,861	91,032	95,853,121	431,595,751	341,688,938	783,706,889
Animal products...	4,430	243,825,065	67,670	62,081,423	345,351,882	127,929,857	477,761,855
Textile products...	1,534	360,762,584	103,881	94,969,433	217,954,088	180,460,014	403,205,809
Wood and paper...	7,392	1,151,463,962	164,572	192,088,948	313,797,291	381,485,477	724,072,338
Iron products...	1,224	826,063,942	142,772	203,740,658	405,818,468	367,465,582	790,726,338
Non-ferrous metals...	408	298,721,106	39,867	54,501,806	124,900,632	150,415,215	283,545,066
Non-metallic minerals...	843	314,692,818	29,257	38,958,399	112,573,103	99,085,847	229,778,540
Chemicals...	554	165,886,912	16,694	22,639,449	55,184,337	78,785,911	138,545,221
Miscellaneous industries...	421	59,654,759	10,786	12,457,989	22,495,251	28,081,046	51,207,136

¹ See footnote 1, Table 1, p. 7.

² See footnote 3, Table 1, p. 7.

3.—Summary Statistics of Manufactures, by Industrial Groups, for Representative Years, 1917-36—concluded.

Industrial Group and Year.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Net Value of Products. ¹	Gross Value of Products.
	No.	\$	No.	\$	\$	\$	\$
1930.²							
Totals	22,618	4,011,030,475	614,696	697,555,378	1,661,787,763	1,522,737,125	3,240,236,603
Vegetable products...	5,420	584,338,567	86,622	88,303,604	361,177,542	314,507,138	685,574,073
Animal products...	4,341	233,334,972	57,657	55,564,398	285,328,411	127,929,546	417,540,878
Textile products...	1,518	344,481,374	97,691	86,053,151	182,307,726	152,179,075	339,118,855
Wood and paper...	7,709	1,219,835,569	156,377	174,099,699	267,690,284	337,207,414	635,286,712
Iron products...	1,245	791,495,989	125,365	172,893,150	287,140,960	285,943,762	587,884,700
Non-ferrous metals...	429	325,005,549	38,756	52,319,027	111,738,411	130,320,719	250,458,721
Non-metallic minerals...	849	321,084,124	27,428	36,196,714	103,539,472	83,751,500	203,262,420
Chemicals...	591	168,119,152	15,503	21,041,789	48,165,038	67,798,313	119,900,637
Miscellaneous industries...	420	52,735,179	9,297	10,483,756	17,639,919	22,925,658	41,140,609
1933.							
Totals	23,790	3,279,259,838	464,658	436,247,824	967,788,928	919,671,181	1,954,075,785
Vegetable products...	5,916	522,389,736	75,416	68,535,349	226,879,373	196,820,952	432,315,017
Animal products...	4,496	201,983,642	53,111	46,453,188	179,429,948	87,629,444	271,068,210
Textile products...	1,740	298,730,436	95,707	72,813,424	143,184,861	131,065,992	279,475,267
Wood and paper...	7,891	892,652,622	105,080	102,218,652	134,663,641	184,233,540	341,336,701
Iron products...	1,334	614,632,403	73,348	72,296,179	98,763,191	109,198,169	216,828,992
Non-ferrous metals...	478	208,266,443	25,273	28,099,026	71,990,608	88,427,984	164,765,604
Non-metallic minerals...	770	295,139,543	16,975	19,282,401	60,077,701	52,817,078	131,325,706
Chemicals...	696	153,900,930	16,397	18,738,629	34,271,854	55,394,284	92,820,761
Miscellaneous industries...	459	33,554,083	8,351	7,810,976	9,497,751	14,083,738	24,138,927
1935.							
Totals	24,034	3,216,403,127	556,664	559,467,777	1,119,146,217	1,153,485,104	2,653,911,209
Vegetable products...	5,803	508,751,881	82,155	77,706,018	287,579,561	220,844,633	523,673,927
Animal products...	4,402	211,672,508	60,124	54,035,134	247,375,247	99,633,595	351,643,587
Textile products...	1,859	306,429,696	109,947	88,235,820	182,181,502	152,594,573	340,795,016
Wood and paper...	8,149	872,228,611	123,011	127,636,239	174,296,519	238,463,072	439,463,093
Iron products...	1,295	584,876,842	98,687	114,032,544	200,365,093	179,151,863	398,401,070
Non-ferrous metals...	505	201,625,967	33,613	40,315,477	174,906,971	107,898,470	288,523,250
Non-metallic minerals...	787	287,960,329	20,472	24,518,653	85,072,254	66,053,236	162,332,932
Chemicals...	734	147,472,534	18,933	23,715,305	48,316,876	66,001,290	118,574,228
Miscellaneous industries...	500	35,384,699	9,722	9,212,587	13,051,594	16,844,372	30,503,506
1936.							
Totals	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
Vegetable products...	5,824	524,164,493	87,071	84,397,961	333,562,766	254,135,013	597,461,035
Animal products...	4,433	222,299,844	63,609	57,829,529	283,265,546	109,823,848	307,955,241
Textile products...	1,879	316,273,003	114,996	95,016,170	197,336,683	162,677,272	366,265,008
Wood and paper...	8,175	874,592,781	132,374	141,301,340	205,918,921	261,020,034	497,103,666
Iron products...	1,317	600,424,322	107,203	126,537,057	227,880,781	211,572,641	453,385,553
Non-ferrous metals...	512	266,322,074	36,935	45,091,191	212,783,636	132,423,707	351,164,800
Non-metallic minerals...	803	282,596,535	21,974	26,402,410	96,534,218	68,707,776	177,771,597
Chemicals...	745	147,664,533	19,910	25,227,267	52,482,873	69,854,217	120,874,791
Miscellaneous industries...	514	36,925,946	10,317	10,267,909	14,382,572	19,378,164	34,401,463

¹ See footnote 1, Table 1, p. 7.² See footnote 3, Table 1, p. 7.

Summary Statistics of Manufactures.—In Table 4 will be found an analysis of the most important statistics of manufactures for the period 1917 to 1936, 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 are not completely comparable. One very important figure, however, which shows the trend of development clearly and uninterruptedly, is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 4,431,867 in 1936, an increase of 169 p.c. in nineteen years. In the same period horse-power per wage-earner increased from 3.06 to 9.11, 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 again finding employment since 1933 have reduced the averages for later years. Another interesting comparison is the trend of value added by manufacture per employee and of average salaries and wages paid since 1929. Compared with 1917 the figures for average salaries and wages in 1936 represent an increase of 25.5 p.c., while the estimated increase in the value added by manufacture per employee is only 7.3 p.c. Wholesale prices of commodities declined 34.8 p.c. in the same period.

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 5, 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 1936 was \$2,794,000,000, a figure obtained by adding to the value of manufactured products in 1936 the value of the imports of manufactured and partly manufactured goods during the fiscal year ended Mar. 31, 1937, 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 \$59,000,000 and \$92,000,000, 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.

In 1929, the order of the groups by the values available for consumption was iron, vegetable, textile, wood and paper, and animal products. 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.

4.—Summary Statistics of Manufactures for Representative Years, 1917-36.

NOTE.—Figures have been revised since publication of the 1935 report. See headnote, Table 1, p. 7.

Item.	1917.	1920.	1926. ¹	1929. ¹	1930. ¹	1933.	1935.	1936.
Establishments..... No.	21,845	22,532	21,301	22,216	22,618	23,780	24,034	24,202
Capital..... \$	2,333,991,229	2,923,667,011	3,208,071,197	4,004,892,009	4,041,030,475	3,279,259,838	3,216,403,127	3,271,263,531
Averages, per establishment..... \$	106,843	129,756	150,607	180,271	178,664	137,900	133,827	135,165
Averages, per employee..... \$	3,848	4,882	5,737	6,009	6,574	6,997	5,778	5,504
Averages, per wage-earner..... \$	4,309	5,616	6,631	6,933	7,625	8,584	7,011	6,677
Totals, employees..... No.	606,523	598,893	559,161	660,531	614,096	468,658	556,664	594,359
Averages, per establishment..... No.	27.8	26.6	26.3	30.0	27.2	19.7	23.2	24.6
Totals, salaries and wages..... \$	497,801,844	717,493,876	625,682,242	777,291,217	697,555,378	436,247,824	559,467,777	612,071,434
Averages, per establishment..... \$	22,788	31,843	29,373	34,988	30,841	18,345	23,278	25,290
Averages, per employee..... \$	821	1,198	1,119	1,166	1,135	931	1,005	1,030
Employees on salaries..... No.	64,918	78,334	75,337	88,841	84,711	86,636	97,930	104,417
Averages, per establishment..... No.	3.0	3.5	3.5	4.0	3.7	3.6	4.1	4.3
Salaries..... \$	85,353,667	141,837,361	142,353,900	175,553,710	169,992,216	139,317,946	160,455,080	173,198,057
Averages, salaries..... \$	1,315	1,811	1,890	1,976	2,007	1,608	1,638	1,659
Employees on wages..... No.	541,605	520,559	483,824	577,690	529,985	382,022	458,734	489,942
Averages, per establishment..... No.	24.8	23.1	22.7	26.0	23.4	16.1	19.1	20.2
Wages..... \$	412,448,177	575,656,515	483,328,342	601,737,507	527,563,162	296,929,878	399,012,697	438,873,377
Averages, wages..... \$	762	1,106	999	1,042	995	777	870	896
Cost of materials..... \$	1,539,678,811	2,085,271,649	1,712,519,991	2,029,670,813	1,664,787,763	967,788,928	1,419,146,217	1,624,213,996
Averages, per establishment..... \$	70,482	92,547	80,396	91,361	73,605	40,698	59,047	67,111
Averages, per employee..... \$	2,539	3,482	3,063	3,045	2,708	2,065	2,549	2,733
Values added in manufacture ² \$	1,281,131,980	1,621,273,348	1,305,168,549	1,755,386,937	1,522,737,125	919,671,181	1,153,485,104	1,289,592,672
Averages, per establishment ² \$	58,646	71,954	61,273	79,015	67,324	38,674	47,994	53,285
Averages, per employee ² \$	2,112	2,707	2,334	2,634	2,477	1,962	2,072	2,170
Gross values of products..... \$	2,820,810,791	3,706,544,997	3,100,604,637	3,883,446,116	3,280,236,603	1,954,075,765	2,653,911,209	3,002,403,814
Averages, per establishment..... \$	129,128	164,501	145,501	174,804	145,028	82,173	110,423	124,056
Averages, per employee..... \$	4,651	6,189	5,545	5,826	5,338	4,170	4,768	5,051
Power employed..... h.p.	1,658,475	2,068,875	3,122,377	3,855,648	4,039,007	4,135,008	4,331,488	4,461,867
Averages, per establishment..... h.p.	76	92	147	174	179	180	180	184
Averages, per wage-earner..... h.p.	3.06	3.97	6.45	6.67	7.62	10.82	9.44	9.11

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 readopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

² Net values of products; see footnote 1, Table 1, p. 7.

5.—Consumption of Manufactured Products, by Groups, 1936, with Totals for 1922-35.

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. Figures have been revised since publication of the 1935 report. See headnote to Table 1, p. 7.

Year and Group of Industries.	Value of Products Manufactured.	Manufactured and Partly Manufactured Goods.		Value of Manufactured Products Available for Consumption. ¹
		Value of Net Imports. ¹	Value of Domestic Exports.	
	\$	\$	\$	\$
Totals, 1922	2,375,917,691	571,551,322	515,173,415	2,435,295,599
Totals, 1923	2,662,927,171	639,343,645	591,829,306	2,710,441,813
Totals, 1924	2,570,561,931	576,031,243	591,598,479	2,551,891,095
Totals, 1925	2,816,864,958	671,462,910	695,325,245	2,793,002,633
Totals, 1926	3,100,604,637	767,072,008	673,709,266	3,193,917,379
Totals, 1927	3,257,214,876	825,147,919	618,178,000	3,431,181,795
Totals, 1928	3,382,345,302	951,387,551	698,376,615	3,838,156,238
Totals, 1929	3,882,116,116	939,130,201	686,876,071	4,135,700,246
Totals, 1930	3,280,236,603	675,828,233	490,108,170	3,465,956,366
Totals, 1931	2,555,125,448	423,519,819	347,156,198	2,631,190,099
Totals, 1932	1,980,471,513	281,855,757	267,765,614	1,994,561,686
Totals, 1933	1,951,075,785	298,058,214	365,232,113	1,886,912,016
Totals, 1934	2,393,692,729	357,320,281	419,094,297	2,331,918,716
Totals, 1935	2,653,911,209	385,597,011	582,011,141	2,457,467,109
INDUSTRIAL GROUP, 1936.				
Vegetable products	597,461,635	71,527,058	81,335,926	587,652,767
Animal products	397,955,241	14,159,398	74,635,932	337,478,707
Textiles and textile products	366,285,008	69,914,302	10,522,750	425,676,560
Wood and paper products	497,103,660	28,223,676	209,238,665	316,088,677
Iron and its products	453,385,553	145,750,909	53,161,836	545,974,626
Non-ferrous metal products	351,164,860	31,139,912	205,847,124	176,457,708
Non-metallic mineral products	177,771,597	35,838,466	11,278,104	202,311,959
Chemicals and allied products	126,874,791	32,808,249	19,237,697	140,445,373
Miscellaneous industries	34,401,403	39,093,921	11,632,769	61,862,675
Totals, 1936	3,002,403,814	468,155,981	676,890,803	2,793,968,992

¹ Net imports are total imports less foreign products re-exported. For 1928 to 1936 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.

Subsection 2.—Value and Volume of Manufactured Products.

Value of Products.—In the presentation of manufacturing statistics, the value of products is given in two forms, namely, gross value and net value or the value added by manufacturing processes. Formerly this figure of net value was obtained by deducting only the cost of materials from the gross value. However, in accordance with a resolution passed by the Conference of British Commonwealth Statisticians in 1935, the net value is now computed by subtracting the cost of fuel and electricity consumed, as well as the cost of materials used, from the gross value of products. Statistics of cost of electricity are not available prior to 1924, but in the present edition the figures for 1924 and later years have been revised in accordance with the above resolution.

Values are affected by fluctuations in price levels as well as changes in the volume of output. Therefore, in the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind, especially when such variations have been as great as those in the period since the annual Census of Manufactures was begun in 1917. The index number of wholesale prices in Canada, on the 1926 base, compiled by the Dominion Bureau of Statistics, stood at

114.3 in 1917, 155.9 in 1920, 97.3 in 1922, 95.6 in 1929, 67.1 in 1933, and 74.6 in 1936. (See Chapter XX, Table 3, p. 815 of the 1938 Year Book.) Index numbers of the prices of fully or chiefly manufactured goods were: 113.5 in 1917, 156.5 in 1920, 100.4 in 1922, 93.0 in 1929, 70.2 in 1933, and 73.6 in 1936.

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 significance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The index of volume is based on the quantities of manufactured products reported and includes 71.1 p.c. of the total value of the production in 1926. 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 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 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 \$686,876,000 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 capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929 in relation to population and exports would show that the decline in the depression was chiefly due to reduced exports and a cessation in production of capital equipment. The purpose classification of Table 6 shows that by 1936 the volume had risen above 1929 for the main consumption groups of food and clothing, but still lagged in durable goods such as vehicles, industrial equipment, house furnishings, etc.

As may be seen from Table 6, 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.

Since 1933 there has been a material improvement, the index of production for all industries rising from 82.0 in 1933 to 116.6 in 1936. Four groups—animal products, textiles, non-ferrous metals, and chemicals—were above the 1929 level of production. In the case of each of these groups the volume of production attained in 1936 was higher than in any previous year. The output of textiles in 1936 was about 14.8 p.c. greater than in 1928, the highest pre-depression year for this group.

*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.

6.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923, 1929 and 1932-36.

(1926=100.)

Classification and Group.	1923.	1929.	1932.	1933.	1934.	1935.	1936.
Component Material Classification—							
Vegetable products.....	78.3	121.6	92.5	90.9	103.3	108.6	118.2
Animal products.....	81.4	95.4	83.2	86.4	93.9	99.1	107.1
Textiles and textile products.....	84.9	113.6	98.5	107.1	118.1	124.8	131.9
Wood and paper products.....	83.4	127.5	87.2	89.3	104.5	115.0	126.3
Iron and its products.....	82.2	129.7	53.4	50.5	68.1	84.5	94.3
Non-ferrous metals.....	72.9	138.7	100.4	98.3	120.8	138.5	156.1
Non-metallic minerals.....	88.9	145.0	84.4	77.8	91.9	99.1	112.7
Chemicals and allied products.....	84.0	120.4	93.7	99.2	112.5	123.8	132.8
Miscellaneous industries.....	80.1	110.0	66.1	58.9	70.8	76.6	81.7
Totals, All Industries	81.8	122.9	81.9	82.0	96.5	106.5	116.6
Purpose Classification—							
Food.....	84.7	102.8	92.7	91.9	101.0	104.1	113.6
Clothing.....	82.9	114.8	93.2	97.9	105.1	110.5	117.3
Drink and tobacco.....	76.0	140.5	101.7	96.2	110.3	125.2	137.9
Personal utilities.....	85.4	101.9	70.6	71.0	79.8	87.9	94.7
House furnishings.....	78.9	137.7	89.9	87.3	100.5	109.2	121.3
Books and stationery.....	93.1	131.5	127.6	122.0	138.7	154.9	159.7
Producers materials.....	84.9	124.7	75.0	77.9	94.7	105.6	118.7
Industrial equipment.....	76.3	129.5	75.6	70.2	87.5	100.5	112.5
Vehicles and vessels.....	71.4	131.6	52.4	53.3	70.7	83.5	87.0
Miscellaneous.....	85.0	125.1	99.4	113.3	137.5	148.6	164.8

7.—Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, 1923, 1929 and 1932-36.

(1926=100.)

Group and Class.	1923.	1929.	1932.	1933.	1934.	1935.	1936.
Food.....	81.7	102.8	92.7	91.9	101.0	104.1	113.6
Breadstuffs.....	90.8	110.6	97.4	94.5	103.0	103.8	109.8
Fish.....	74.1	77.9	57.2	59.2	70.0	66.7	74.2
Fruit and vegetable preparations.....	59.3	127.5	100.4	116.2	137.3	147.6	176.4
Meats.....	90.1	97.3	90.6	94.4	106.5	107.0	124.3
Milk products.....	87.4	96.7	100.8	98.5	106.5	113.3	121.4
Oils and fats.....	111.5	87.8	101.9	89.9	101.9	119.9	125.9
Sugar.....	74.3	83.0	84.1	77.4	78.7	86.1	96.9
Distillates.....	97.0	112.9	114.8	124.2	136.3	142.6	150.0
Miscellaneous.....	82.9	120.2	111.6	118.7	132.2	150.4	173.8
Clothing.....	82.9	114.8	93.2	97.9	105.1	110.5	117.3
Hoots and shoes.....	79.8	110.0	83.0	87.4	92.5	97.2	104.0
Fur goods.....	48.3	114.6	89.3	95.1	97.6	101.2	113.3
Garments and personal furnishings.....	90.6	113.3	87.8	96.5	107.9	115.7	119.1
Gloves and mittens.....	93.9	133.3	97.7	121.1	145.6	145.9	167.9
Hats and caps.....	67.1	109.2	87.0	85.1	100.6	107.9	113.1
Knitted goods.....	83.9	111.4	103.2	107.5	113.4	116.4	126.2
Waterproofs.....	78.4	143.8	107.9	105.2	112.1	140.5	162.5
Miscellaneous.....	97.7	138.0	128.1	120.4	118.4	122.4	132.0
Drink and Tobacco.....	76.0	140.5	101.7	96.2	110.3	125.2	137.9
Beverages, alcoholic.....	69.2	148.0	94.0	84.6	101.0	110.7	136.7
Beverages, non-alcoholic.....	86.0	146.8	137.4	131.5	143.4	155.9	174.9
Tobacco.....	81.3	133.3	108.8	113.4	121.9	129.3	133.2
Personal Utilities.....	85.4	101.9	70.6	71.0	79.8	87.9	94.7
Jewellery and time pieces.....	92.4	104.2	78.3	79.7	89.1	103.1	110.6
Recreational supplies.....	93.0	85.0	48.0	23.2	32.5	35.6	44.9
Personal utilities.....	78.6	111.7	104.1	109.3	116.6	127.0	131.9
House Furnishings.....	78.9	137.7	89.9	87.3	100.5	109.2	121.3
Books and Stationery.....	93.1	131.5	127.6	122.0	138.7	154.9	159.7
Producers Materials.....	84.9	124.7	75.0	77.9	94.7	105.6	118.7
Farm materials (fertilizers).....	78.3	130.8	35.1	505.8	609.1	675.3	754.0
Manufacturers materials.....	82.9	134.4	82.9	91.0	111.3	121.7	137.8
Building materials.....	88.0	125.1	54.1	47.3	57.7	65.4	79.3
General materials.....	95.4	133.4	79.2	76.8	88.0	96.0	105.4
Industrial Equipment.....	76.3	129.5	75.6	70.2	87.5	100.5	112.5
Farming equipment.....	66.8	98.9	25.4	29.6	41.2	50.0	66.1
Manufacturing equipment.....	86.2	131.4	65.0	58.2	79.5	101.8	118.2
Trading equipment.....	83.3	116.4	120.2	120.6	133.6	137.3	135.0
Service equipment.....	96.3	107.9	103.7	103.1	113.3	157.6	128.9
Light, heat and power equipment.....	66.2	149.0	100.3	87.7	106.7	122.8	134.5
General equipment.....	84.3	130.0	68.2	66.4	85.1	93.8	108.5
Vehicles and Vessels.....	71.4	131.6	52.4	53.3	70.7	83.5	87.0
Miscellaneous.....	85.0	125.1	99.4	113.3	137.5	148.6	164.8
Totals, All Manufactures	81.8	122.9	81.9	82.0	96.5	106.5	116.6

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 have shared in the improvement since 1933. Food and clothing were major groups in which volume was greater in 1936 than in 1929, while the minor groups, "books and stationery" and "miscellaneous" were considerably above 1929.

The index of the physical volume of production dropped from 122.9 in 1929 to 82.0 in 1933 and has risen to 116.6 in 1936, making a net decrease of 5.1 p.c. since 1929. This decrease is significant when compared with a decrease of 26.5 p.c. in the net value of production and 15.2 p.c. in the number of wage-earners employed.

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, but 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 1936.

INDEXES OF THE VOLUME OF MANUFACTURING PRODUCTION, 1917-36.
(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	88.1	1926	128.1	1931	124.1	1936	149.4

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

For the purposes of the Census of Manufactures, the main detailed analysis is made under a classification in which industries are grouped according to the chief component material of the goods manufactured. This is, therefore, the grouping used in Table 9, where the statistics of individual industries are presented in detail and in the historical series already shown in Table 3. However, there are also less detailed analyses under purpose groupings appearing in Table 10 and under origin groupings in Table 11.

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, a number of minor changes have been made, the most important being the elimination of the central electric station industry from the compilation in 1936. For this edition revisions due to these changes have been carried back to 1917 in so far as possible.

Effects of the Depression upon the Main Groups.—In Table 8 is shown the effects of the depression and the recovery since 1933 upon the main groups of industries with regard to the numbers employed, the salaries and wages paid, and the gross value of products. Owing to the price decline in the depression, money values both of wages and of products were naturally affected more than the number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are a number of reasons why the variation in the number of employees should be less than that of money values. The figures of Table 8 should be compared with those of Table 6 which show changes in volume of production.

As noted elsewhere in this chapter (especially under the discussion of volume of manufacturing production on pp. 15 to 17), the depression affected the production of capital or durable goods much more than that of consumption goods. Therefore, production in such groups as iron products, and wood and paper products declined more seriously than that in such groups as textiles, vegetable products, and animal products, and in 1936 the recovery had not progressed far enough for the production of durable goods to have regained the relative position it held in 1929.

8.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Groups of Industries Compared for Specific Years, 1929-36.

NOTE.—The highest pre-depression year was 1929, while the lowest depression year was 1933.

Group of Industries.	1933 Compared with 1929.			1936 Compared with 1929.			1936 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.....	-17.2	-28.5	-44.8	-4.4	-12.0	-23.8	+15.5	+23.1	+38.2
Animal products.....	-21.5	-25.2	-43.3	-6.0	-6.8	-16.7	+19.8	+24.5	+46.8
Textile products.....	-7.9	-23.3	-30.7	+10.7	1	-9.2	+20.1	+30.5	+31.1
Wood and paper products.....	-36.1	-46.8	-52.9	-19.6	-26.4	-31.4	+26.0	+38.2	+45.6
Iron and its products.....	-48.6	-64.5	-72.6	-24.9	-37.9	-42.7	+46.2	+75.0	+109.1
Non-ferrous metals.....	-36.6	-48.4	-41.9	-7.4	-17.3	+23.8	+46.1	+60.5	+113.1
Non-metallic minerals.....	-42.0	-50.5	-42.8	-24.9	-32.2	-22.7	+29.5	+36.9	+35.4
Chemicals.....	-7.8	-17.2	-33.0	+19.3	+11.4	-8.4	+29.3	+34.9	+30.7
Miscellaneous products.....	-22.6	-37.3	-52.9	-4.3	-17.6	-32.8	+23.5	+31.5	+42.5
Averages, All Industries	-29.7	-43.9	-49.7	-10.8	-21.3	-22.7	+26.8	+40.3	+53.6

¹ An increase of less than five-hundredths of one per cent.

Vegetable Products.—The industries of this group are mainly dependent upon the agricultural crops of Canada for their raw materials and, in some instances, their products enter largely into the export trade. However, there are some important industries in the group—e.g., the rubber industry—which are almost entirely dependent upon imported raw materials.

The Flour-Milling Industry.—This is the most important member of the group from the standpoint of gross value of production. Under modern conditions the industry has a capacity for flour production far in excess of domestic consumption, so that its prosperity has fluctuated widely with the condition of the export market. Exports of wheat flour declined from 10,700,000 barrels in 1928 to 4,850,000 in 1936, but in spite of the decrease Canada continues to be one of the leading exporters of wheat flour. A majority of flour-mills also grind coarse grains for the production of live stock feeds. In rural districts there are many small mills devoted entirely to the grinding or chopping of feed grains, usually on a custom basis.

FLOUR-MILLS OF CANADA, WITH THEIR EQUIPMENT AND CAPACITIES, BY PROVINCES, 1936, WITH TOTALS, 1935.

Province.	Flour and Grist Mills.	Chopping Mills.	Total Mills.	Rolls.	Stones.	Capacity of Flour-Mills.
	No.	No.	No.	pairs.	pairs.	bbl. per day.
Prince Edward Island.....	11	1	12	60	12	482
Nova Scotia.....	3	8	11	11	Nil	93
New Brunswick.....	6	21	27	50	"	390
Quebec.....	85	148	233	536	144	12,620
Ontario.....	124	513	637	1,981	41	50,333
Manitoba.....	34	7	41	555	2	11,385
Saskatchewan.....	49	19	68	553	15	13,635
Alberta.....	48	33	81	633	5	12,369
British Columbia.....	3	5	8	46	Nil	735
Totals, 1936	363	755	1,118	4,125	219	162,042
Totals, 1935.....	384	743	1,127	4,496	238	105,240

Bread and Bakery Products.—With the increase in urban population, and the changes resulting from motor transportation which make it possible for factory-made bread to be economically distributed in rural communities, the bread industry has expanded rapidly in the last decade. Table 12, p. 36, shows that in 1936 this industry ranked eleventh in gross value of products, eighth in net value, third in number of employees, and seventh in salaries and wages paid.

Rubber Goods.—The rubber industry in 1936 ranked third in this group and twelfth among the industries of Canada in gross value of products. This industry is, of course, closely related to the use of motor vehicles, and the fact that in 1936 Canada stood fifth among the nations of the world in the number of such vehicles registered partly accounts for her ranking among the leading countries as a manufacturer of rubber goods. The industry is able to operate so efficiently in Canada upon a quantity basis that, besides supplying the domestic market, it contributes largely to the export trade. See the Condensed Preliminary Report on the Trade of Canada, 1937-38, p. 46, where it is shown that in 1937 Canada ranked third in the export of rubber tires.

Fruit and Vegetable Preparations.—This industry, which includes canned fruits, canned vegetables, pickles, vinegar, jams, etc., is another important member of the vegetable products group. The industry has grown rapidly since the War. During the period 1923-36 the volume of fruit and vegetable preparations produced increased nearly 200 p.c. (see Table 7, p. 16). This growth is remarkable as it represents an increase in the domestic demand, both imports and exports being relatively small as compared with domestic production, although there is a small export surplus.

Tobacco, Cigars and Cigarettes.—The tobacco manufacturing industry is another important division of this group which caters very largely to the domestic market. Imports and exports of manufactured tobacco are small. The industry normally

absorbs about three-quarters of the tobacco crop of Canada, although a proportion of imported raw leaf is used for blending.

Other important industries of this group are: biscuits and confectionery, brewing, distilling, and sugar refineries. With regard to this last industry, refineries situated on the Atlantic and Pacific coasts use imported raw cane sugars, while others in Western Ontario and Alberta manufacture beet sugar. The production of the latter is shown in the Agriculture chapter, Table 28, p. 262 of the 1938 Year Book.

Animal Products.—The industries of this group process the products of agricultural live stock, of the fisheries, and of fur-bearing animals.

Slaughtering and Meat Packing.—The products of this, the leading industry of the group, besides supplying the home market, constitute an important element in exports, especially bacon and hams. The growth of the industry from a production valued at \$3,800,000 in 1870, and \$7,100,000 in 1890, to that of today has been accompanied by a concentration of the major part of the production into a comparatively small number of large establishments, thereby facilitating greater efficiency of operation and the utilization of by-products such as fertilizers, glue, and canned meats and soups. There has been a large increase in the number of establishments since 1931, due to the inclusion of wholesale butchers operating small plants engaged in slaughtering only. The inclusion of these small establishments did not affect materially the value of production of the industry. The numbers of live stock slaughtered at Canadian inspected establishments are shown in Chapter XVII, Table 16, p. 606 of the 1938 Year Book.

Butter and Cheese.—This industry has been for many years of leading importance in Canada. It originated in the mixed-farming and dairying districts of Eastern Canada, and about the beginning of the century there were large exports of butter and cheese. However, with the increase of population accompanying the expansion of grain growing on the Prairies, exports of these products declined. Since the War there has been a tendency for mixed farming and dairying to spread in certain districts of the West and in some years there has been a considerable export movement of butter again. Cheese production has declined since the War, but a large proportion of the production is still exported. Further information regarding the dairy industries appears in the Agriculture chapter, pp. 256 to 259 of the 1938 Year Book.

Leather Tanneries, and Boots and Shoes.—The tanning industry has long been established on a considerable scale, mainly, of course, because the large numbers of cattle raised and slaughtered provide a ready supply of hides. The industry is now so well developed that there is an export surplus of tanned leather. The boot and shoe industry almost completely supplies the home market in standard lines, the small import surplus being largely confined to expensive shoes. The tanning industry is chiefly centred in Ontario, while more than half the production of boots and shoes comes from Quebec.

Fish Curing and Packing.—This industry occupies an important place in relation to the fisheries of Canada. A considerable proportion of the annual catch is exported to foreign markets in cured and canned forms. Further information regarding the industry appears in the Fisheries chapter, especially at pp. 329 to 331 of the 1938 Year Book.

Textile Products.—The industries of this group have developed from the household spinning and weaving of the early settlers. They now supply the bulk of the requirements of domestic consumption (see Table 5, p. 14). The import balance

under this heading consists largely of either raw materials or fine goods which cannot be competitively manufactured in Canada. Two important raw materials consumed by branches of industry in this group—namely, raw cotton and raw silk—are entirely imported. The industries of this group are chiefly developed in the eastern provinces, where the factors of climate, cheap power, available labour forces, and accessibility of raw materials are favourable to large-scale growth.

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 1936 among the nine major groups shown in the summary statistics of Table 3, p. 11, being exceeded only by the wood, vegetable, and iron and its products groups. 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 1936 to employment in the Dominion, the group stood second in the number of employees and third in salaries and wages paid, with about 19.4 p.c. of the total employees in manufacturing and 15.5 p.c. of the total salaries and wages paid. (See Table 22, p. 55.) The manufacture of textiles may be regarded under two general divisions: (1) the spinning, weaving, and knitting trades, and (2) the finishing trades. In the past, the second division, which consists principally of the making up of piece goods into articles of clothing, has been the larger, but in recent years there has been a tendency for the first or primary division to equal or exceed the second in value of production.

Cotton Yarn and Cloth.—This is the largest industry in the textile group, and in 1936 ranked tenth among the industries of Canada (see Table 12, p. 36), and third among the industries of Quebec (Table 15, p. 46).

Hosiery and Knitted Goods.—This industry is important from the standpoint of employment in the Dominion. In 1936, although ranking only sixteenth in value of production, it was ninth in salaries and wages paid (Table 26, p. 61). The volume of knitted goods produced has increased materially in recent years and in 1935 and 1936 exceeded the volume of 1929 (Table 7, p. 16).

Silk and Artificial Silk.—This industry has shown a remarkable expansion during recent years. While the great majority of other manufactures have scarcely yet regained the level of production attained in 1929, this industry has since then increased 23 p.c. in capital investment, 133 p.c. in the number of employees, 132 p.c. in salaries and wages paid, 82 p.c. in net value and 86 p.c. in gross value of production. As most of these comparisons are in money values, the record is especially remarkable in view of the decline in price levels during the period. Much of the growth has been due to the development of artificial silk textiles.

Finishing Trades.—As already mentioned, the industries engaged in making up piece goods into clothing are a very important division of the textile group. The largest of these industries are women's factory clothing, men's factory clothing, and men's furnishing goods, while the manufacture of hats and caps and of corsets are somewhat smaller industries in the same division. The manufacture of woollen textiles is not so largely developed in Canada as that of other textile products. Nevertheless, the woollen cloth, woollen goods, woollen yarn, and carpet industries taken together constitute quite a large textile production and, in addition, the products of the hosiery and knitted goods industry include a large percentage of woollen materials. Detailed statistics of these industries are shown in Table 9, while their relative importance compared with other industries in Canada appears in Table 12. Imports and exports of textile products may be found in Tables 12 and 13 of the External Trade chapter of the 1938 Year Book.

Wood and Paper Products.—While the gross value of production by industries of this group in 1936 was second among the main groups to that of vegetable products, the wood and paper group stood highest in net values, employees, and salaries and wages paid. These industries draw their raw materials almost entirely from the forests of Canada. The primary operations in the woods provide work during part of the year for an average of 200,000 individuals, largely during the season when other forms of employment are at their minimum. This has a valuable steadying effect on general labour conditions throughout the year.

The operations of the two leading industries under this group, namely, pulp and paper mills and sawmills, are treated fully in the Forestry chapter at pp. 297 to 308 of the 1938 Year Book, while statistics regarding capital, employees, power installed, etc., appear in Table 9 of this report.

The printing industries—printing and publishing, printing and bookbinding, lithographing, engraving, and trade composition—are included within this group because paper is the principal material used by them. The first two especially make an important contribution to manufacturing production in Canada, as indicated by their place in the forty leading industries (Table 12). Other large industries included in the wood and paper group are: paper boxes and bags, furniture, and planing mills, sash and door factories.

Iron and Its Products.—The gross value of production by industries of this group was third among the nine main groups in 1936. However, in periods of active prosperity the relative standing of the group tends to rise and thus it stood first in 1920 and 1929 (Table 3), while in 1933 it was fifth. The value of production more than doubled from 1933 to 1936, while the volume (Table 6) nearly doubled. The demand for durable goods depends in large measure upon the rate of capital improvement, which is almost at a standstill in times of depression and rises to a high level in times of prosperity.

Primary Iron and Steel.—There are at present four companies operating blast furnaces in Canada for the production of pig iron. One of these is located in Nova Scotia and uses local coal and iron ore from the great Wabana deposit in Newfoundland which it controls. The other three are located in Ontario on the Great Lakes waterways where they have the advantage of cheap water transportation for iron ore imported from the Messabi range of Minnesota and coal from Pennsylvania. These firms 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 is also a large production in Canada of ferro-alloys (ferro-silicon, ferro-manganese, etc.) which are produced in electric furnaces. These alloys usually constitute the most important item of Canadian exports of primary iron. Output of these products since 1911 is shown in Table 20 of the Mines and Minerals chapter, p. 373 of the 1938 Year Book.

Automobiles.—This is the most important industry of the iron group and is indeed one of the largest industries in Canada (Table 12). Table 4 of Part III of the Transportation chapter, p. 673 of the 1938 Year Book, shows the number of vehicles manufactured, imported and exported in each year, while Table 35 of the Internal Trade chapter, p. 627, shows the retail sales of motor vehicles.

Automobile Supplies.—As an adjunct to the manufacture and wide use of motor vehicles, a large industry has developed for the independent production of parts and supplies required for the making, repair, and upkeep of such vehicles.

Railway Rolling Stock.—With railway transportation so important a factor in the economic life of Canada, the manufacture and repair of railway vehicles is a large and widespread industry. In addition to rolling stock for the standard steam

and electric railways, the industry produces locomotives and cars for industrial, mining, and engineering purposes. The industry stands high among the industries of Canada in the number of employees engaged and in salaries and wages paid.

Other important industries classified under the iron group are: machinery, sheet metal products, castings and forgings, wire and wire goods, hardware and tools, agricultural implements, etc. The manufacture of agricultural implements has been at a low level for some years owing to the depressed condition of agriculture, especially in the grain-growing West.

Non-Ferrous Metals.—Two industries classified under this group have shown outstanding development in the period since the War.

Non-Ferrous Metal Smelting and Refining.—This industry now ranks first in gross value of products and second in net value. An important factor in its rapid growth has been the discovery and development of a number of large deposits of base metal ores in Canada, while the availability of low-cost electric power has been another factor in its expansion. This latter factor very largely accounts for the establishment of one large plant on the Saguenay where imported aluminium ore is smelted into bars and other forms of pure metal for export. The products of the whole industry now constitute an important element of the export trade.

Electrical Apparatus and Supplies.—The total horse-power installed in central electric stations in Canada has increased from 1,900,000 in 1919 to 7,100,000 in 1936, while the production in kilowatt hours has increased in the same period from 5,500,000,000 to 25,400,000,000 (see Table 4, Water Powers chapter, p. 390 of the 1938 Year Book). Accompanying this growth of production there has been a very widespread extension of the use of electricity for industrial, commercial and domestic purposes. A large market has therefore developed in Canada for a wide variety of electrical equipment from the largest generators down to household appliances, and a very large industry (ninth among the industries of Canada in 1936, as shown in Table 12) has grown up to supply that market.

Non-Metallic Mineral Products.—About half the total production of this group is accounted for by the petroleum refining industry.

Petroleum Products.—This, the petroleum refining industry, has grown to its present size with the increased use of motor vehicles. In the past the crude petroleum has been largely imported and the refineries were located where such imports were economically available either by water or pipe-line transportation. Developments in the Turner Valley are providing a large supply of crude petroleum in Canada.

Coke and Gas Products.—This industry, being chiefly the production of domestic heating and illuminating gas, has not shown any marked expansion, being affected by the competition of low-cost electricity. However, most of the main centres of population are provided with gas services. Production in 1921, valued at \$33,000,000 was little less than that of the present time.

Other important industries included in the non-metallic mineral group are: glass products, abrasives, cement, and clay products. The two last-mentioned industries were below normal production in 1936 owing to the low level of activity in construction and building. The manufacture of artificial abrasives is well developed in Canada because of the advantage of low-cost electric power and a considerable part of the product of the industry is exported.

Chemicals and Allied Products.—Industries of this group are widely developed in Canada. Production attained a very high level during the War. However, since those war industries disappeared there has been a very real growth for ordinary commercial and industrial purposes. Volume of production under this group was higher in 1936 than in any other year since the War (Table 6).

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.
PROVINCE.	No.	\$	No.	No.	\$
1 Prince Edward Island.....	233	2,394,532	195	42	188,713
2 Nova Scotia.....	1,158	87,888,353	1,671	414	2,812,658
3 New Brunswick.....	784	81,468,098	1,459	372	2,808,297
4 Quebec.....	7,960	1,029,546,039	25,852	6,404	52,617,663
5 Ontario.....	9,753	1,588,484,130	40,261	13,320	92,027,467
6 Manitoba.....	1,011	118,615,841	3,445	803	6,709,343
7 Saskatchewan.....	694	42,055,557	1,524	262	2,289,562
8 Alberta.....	905	70,234,578	2,169	410	3,733,361
9 British Columbia and Yukon.....	1,095	250,686,403	4,833	981	10,010,993
Totals.....	24,292	3,271,263,531	81,460	23,008	173,198,657
INDUSTRIAL GROUP.					
1 Vegetable products.....	5,824	524,164,493	13,865	3,500	27,678,647
2 Animal products.....	4,433	222,299,844	10,191	2,132	16,483,096
3 Textiles and textile products.....	1,879	316,273,003	8,503	3,914	21,698,875
4 Wood and paper products.....	8,175	874,592,781	20,688	5,084	41,067,168
5 Iron and its products.....	1,317	600,424,322	12,372	3,178	28,478,793
6 Non-ferrous metal products.....	512	266,322,074	5,494	1,773	13,561,682
7 Non-metallic mineral products.....	803	282,596,635	5,454	838	7,485,995
8 Chemicals and allied products.....	745	147,664,533	3,201	1,975	13,030,793
9 Miscellaneous industries.....	514	36,925,946	1,641	614	3,713,098
1.—Vegetable Products.....	5,824	524,164,493	13,865	3,500	27,678,647
1 Aerated and mineral waters.....	406	13,326,302	765	166	1,388,456
2 Biscuits, confectionery, cocoa, etc.....	206	39,802,756	1,950	537	4,193,891
3 Bread and other bakery products.....	3,101	46,108,482	2,193	607	2,906,890
4 Breweries.....	70	55,969,772	1,006	123	2,379,205
5 Coffee, tea, and spices.....	92	13,347,535	527	175	1,203,771
6 Distilleries.....	16	37,087,604	399	104	992,231
7 Flour and feed mills.....	1,118	61,867,287	1,533	184	2,143,380
8 Foods, breakfast.....	28	5,006,372	71	43	162,787
9 Foods, stock and poultry.....	94	5,456,232	240	80	445,254
10 Foods, miscellaneous.....	116	10,374,562	454	171	1,032,758
11 Fruit and vegetable preparations.....	304	41,572,514	812	285	1,563,870
12 Ice cream cones.....	7	540,558	10	7	22,372
13 Linseed and soya bean oil.....	10	2,544,705	31	7	91,360
14 Macaroni, vermicelli, etc.....	15	2,167,098	64	22	108,306
15 Malt and malt products.....	12	10,861,614	71	8	171,271
16 Rice mills.....	6	916,890	16	2	44,054
17 Rubber goods, including footwear.....	50	64,660,479	1,352	445	3,115,782
18 Starch and glucose.....	4	6,759,783	110	44	325,771
19 Sugar refineries.....	10	33,109,993	345	63	1,169,529
20 Tobacco, cigars, and cigarettes.....	95	58,788,097	1,611	390	3,554,031
21 Tobacco processing and packing.....	16	6,022,580	153	6	286,156
22 Wine.....	48	6,947,278	146	31	377,622
2.—Animal Products.....	4,433	222,299,844	10,191	2,132	16,483,096
1 Animal oils and fats.....	4	90,322	4	1	11,494
2 Hiding, leather.....	13	849,873	46	15	94,159
3 Root and shoe findings, leather.....	19	1,312,383	45	4	88,883
4 Poots and shoes, leather.....	219	25,318,549	1,198	429	2,644,644
5 Butter and cheese.....	2,573	60,201,575	4,394	766	4,748,886
6 Condensed milk.....	22	4,863,960	100	32	221,282
7 Dairy products, other.....	45	2,672,418	103	28	192,502
8 Fish curing and packing.....	624	18,614,592	479	79	734,678
9 Fur dressing and dyeing.....	14	1,312,578	66	9	160,895
10 Fur goods.....	381	11,510,199	588	162	1,116,942
11 Gloves and mittens, leather.....	49	2,533,807	155	53	303,994
12 Hair goods, animal and human.....	4	54,975	5	2	1,234
13 Leather lineries.....	87	23,627,727	332	69	936,766
14 Miscellaneous leather goods.....	223	6,307,376	436	119	699,624
15 Sausage and sausage casings.....	64	1,222,841	76	18	168,767
16 Slaughtering and meat packing.....	142	61,806,675	2,164	346	4,358,346
3.—Textiles and Textile Products.....	1,879	316,273,003	8,503	3,914	21,698,875
1 Awnings, tents, and sails.....	79	1,926,318	127	38	190,157
2 Bags, rotton and ute.....	24	5,227,587	105	36	312,866
3 Buttoning and wadding.....	5	1,298,859	16	6	65,647
4 Carpets, mats, and rugs.....	26	6,866,544	165	48	415,447
5 Clothing, factory, men's.....	188	18,576,959	1,340	401	2,548,648
6 Clothing, factory, women's.....	583	25,114,251	1,662	948	4,062,438

Materials, and Values of Products of Canadian Manufacturing Industries, 1936.

Employees on Wages			Power Installed.	Cost of Fuel and Electricity.	Cost of Materials.	Value of Products		
Male.	Female.	Wages.				Net.	Gross.	
No.	No.	\$	h.p.	\$	\$	\$	\$	
529	230	364,295	3,578	55,994	2,200,028	1,055,201	3,311,223	1
11,003	2,256	10,971,598	175,455	3,918,560	36,077,900	27,788,510	67,784,970	2
10,008	1,871	9,046,754	203,062	3,150,863	29,292,851	23,781,487	56,225,201	3
115,619	47,001	129,701,791	1,613,597	31,144,632	455,027,759	377,514,998	863,687,389	4
184,307	51,104	222,845,376	1,734,311	38,196,933	822,884,081	686,470,917	1,547,551,031	5
15,075	3,184	17,780,966	130,111	2,660,847	74,374,078	45,015,577	122,050,502	6
3,719	277	3,723,816	36,116	1,107,858	35,311,152	15,185,500	51,604,510	7
8,212	965	8,595,110	71,258	1,367,545	47,684,029	25,000,136	74,052,010	8
30,905	3,077	35,843,381	494,379	6,993,014	121,362,118	87,780,346	216,136,078	9
379,977	109,965	438,873,377	4,461,867	88,597,146	1,624,213,996	1,289,592,672	3,662,463,814	
48,789	20,917	56,719,314	342,123	9,763,856	333,562,766	254,135,013	597,461,635	1
40,318	10,968	41,346,433	126,807	4,865,847	283,265,546	109,823,848	397,955,241	2
47,082	55,467	73,317,295	221,830	6,271,053	197,336,683	162,677,272	366,285,008	3
97,078	9,524	100,234,172	2,227,328	30,104,711	205,978,921	261,020,034	497,103,666	4
88,444	3,209	98,058,804	681,038	13,920,131	227,886,781	211,572,641	453,385,553	5
25,230	4,438	31,629,509	461,129	5,957,817	212,783,636	132,423,707	351,164,800	6
17,110	572	18,916,505	237,163	12,529,603	96,534,218	68,407,776	177,771,597	7
9,927	2,807	12,196,474	137,442	4,537,701	52,482,873	69,834,217	126,874,791	8
5,999	2,063	6,534,811	27,007	640,721	14,382,572	19,378,164	34,401,463	9
48,789	20,917	56,719,314	342,123	9,763,856	333,562,766	254,135,013	597,461,635	
2,275	87	2,214,570	4,016	187,932	5,146,511	11,713,038	17,047,481	1
3,875	4,833	5,907,384	22,021	739,834	22,191,155	23,120,592	40,051,641	2
14,619	2,179	14,796,682	16,492	1,975,417	32,124,708	31,458,312	65,558,437	3
3,439	36	4,138,599	23,252	711,163	15,540,509	27,796,122	44,047,794	4
785	599	1,160,462	3,220	99,531	19,140,291	7,172,270	26,412,092	5
931	534	1,311,467	9,075	415,970	4,743,377	15,036,538	20,196,185	6
3,809	159	3,399,565	118,554	1,322,193	90,614,236	22,680,670	114,617,099	7
383	205	659,603	5,010	194,826	3,942,775	6,929,032	10,766,633	8
473	15	468,226	7,200	98,370	7,015,005	2,532,337	9,436,712	9
731	401	983,399	6,088	173,270	8,316,497	7,755,754	16,245,521	10
3,844	4,317	4,502,891	18,832	606,526	27,455,449	19,215,422	47,337,395	11
33	11	29,722	53	12,734	104,113	157,797	254,614	12
181	-	168,380	2,084	57,024	3,270,241	765,517	4,101,782	13
156	119	160,145	1,800	48,634	1,087,225	620,572	1,766,131	14
223	3	342,021	5,621	283,807	5,234,653	2,123,494	7,041,954	15
74	1	72,953	601	5,007	1,108,113	298,904	1,472,024	16
7,115	2,969	8,838,234	65,805	1,256,769	23,598,661	37,199,378	62,054,808	17
493	18	479,848	4,425	205,009	3,027,068	2,651,016	5,883,093	18
2,034	87	2,244,169	23,075	1,050,286	27,924,968	11,450,063	40,403,371	19
2,008	3,584	3,653,706	3,102	196,025	20,111,280	20,020,043	40,287,359	20
893	670	869,347	393	60,561	10,795,356	2,078,748	13,924,112	21
355	30	316,561	1,282	52,902	1,309,936	1,408,062	2,761,609	22
40,318	10,968	41,346,433	126,807	4,865,847	283,265,546	109,823,848	397,955,241	
25	-	21,540	94	8,451	69,411	79,367	175,220	1
99	-	90,255	352	9,622	452,034	320,515	782,171	2
304	53	282,051	2,869	46,258	623,353	683,525	1,303,438	3
8,207	5,427	8,977,358	6,741	281,130	18,889,085	16,372,950	35,543,115	4
9,957	448	10,023,364	41,188	1,710,322	80,983,372	30,018,653	112,712,327	5
937	26	584,294	3,810	310,225	5,749,661	2,447,980	8,507,866	6
284	32	314,499	1,823	51,640	917,705	1,423,975	2,393,326	7
3,680	1,014	2,544,903	13,003	387,134	16,459,938	9,837,729	26,684,301	8
603	121	608,600	874	37,319	353,307	1,126,130	1,516,162	9
1,352	1,051	2,254,424	525	64,214	9,130,042	5,274,679	14,474,315	10
690	937	1,005,327	328	23,878	2,281,182	1,749,530	4,024,590	11
13	2	9,436	75	1,454	26,182	26,626	54,262	12
3,780	125	3,290,675	15,690	519,803	15,394,863	7,379,439	23,294,210	13
1,532	690	1,523,617	1,883	60,019	4,080,973	3,307,617	7,454,611	14
275	25	253,026	503	30,919	1,228,398	736,641	2,001,958	15
8,249	1,017	9,563,064	37,349	1,313,348	126,630,086	29,028,206	156,971,640	16
47,082	55,467	73,317,295	221,830	6,271,053	197,336,683	162,677,272	366,285,008	
214	173	292,810	299	14,844	399,427	787,519	1,801,790	1
298	484	599,746	1,217	41,891	7,238,846	1,776,539	9,057,276	2
107	18	116,885	766	17,210	599,899	345,678	902,787	3
655	353	805,184	2,140	115,730	1,782,796	2,234,790	4,133,325	4
4,499	4,338	7,707,097	1,747	150,651	22,729,166	17,647,628	40,526,745	5
4,587	11,727	11,193,287	3,084	224,692	32,706,792	23,187,289	56,118,773	6

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.	\$
3.—Textiles and Textile Products—concluded.					
7 Clothing contractors, men's and women's.	114	764,092	215	34	301,613
8 Cordage, rope, and twine.	11	9,949,490	78	25	248,385
9 Corsets.	23	3,318,953	162	206	575,756
10 Cotton and wool waste.	16	825,562	35	13	90,207
11 Cotton textiles, n.e.s.	45	2,991,132	103	51	244,730
12 Cotton thread.	5	2,930,430	142	45	291,060
13 Cotton yarn and cloth.	35	71,564,646	422	142	1,390,549
14 Dyeing and finishing of textiles.	25	5,261,555	116	32	325,400
15 Flax, dressed.	5	116,288	2	1	2,127
16 Furnishing goods, men's.	176	16,626,096	750	354	1,892,861
17 Gloves and mittens, fabric.	9	572,208	17	6	38,172
18 Hats and caps.	170	6,802,337	493	229	1,131,604
19 Hosiery and knitted goods.	168	51,398,678	955	630	2,914,978
20 Miscellaneous textiles, n.e.s.	12	11,342,197	287	60	804,518
21 Oiled and waterproof clothing.	12	821,891	24	14	68,366
22 Silk and artificial silk.	35	34,947,643	668	353	2,011,144
23 Woolen cloth.	60	20,434,013	374	131	1,020,791
24 Woolen goods, n.e.s.	26	7,605,021	99	29	346,849
25 Woolen yarn.	34	8,627,849	139	77	372,436
26 All other industries.	2	278,404	7	5	32,126
4.—Wood and Paper Products	8,175	874,592,781	29,688	5,084	41,067,168
1 Beekeepers' and poultrymen's supplies.	8	200,734	16	1	19,463
2 Blue printing.	21	231,834	27	6	46,004
3 Boat building.	128	2,006,701	172	15	169,689
4 Boxes and bags, paper.	141	20,919,171	754	267	2,005,832
5 Boxes, wooden.	130	6,981,132	288	41	517,025
6 Carriages, wagons and sleighs.	172	1,501,600	196	7	134,851
7 Charcoal.	68	166,276	71	-	12,521
8 Coffins and caskets.	49	4,113,531	131	25	261,631
9 Cooperage.	77	1,866,435	96	7	130,741
10 Engraving, stereotyping, and electrotyping.	95	10,290,501	508	147	1,350,330
11 Excelsior.	12	329,281	23	6	19,143
12 Flooring, hardwood.	20	3,146,360	94	18	202,190
13 Furniture.	425	26,577,141	1,125	253	1,962,364
14 Laths, trees, and shoe findings.	13	1,282,337	40	15	122,015
15 Lithographing.	42	11,148,822	385	172	1,279,531
16 Miscellaneous paper products.	116	15,023,866	487	240	1,333,021
17 Miscellaneous wooden products.	106	4,813,185	187	47	338,703
18 Planing mills, sash and door factories.	668	30,150,645	1,197	193	1,687,679
19 Printing and bookbinding.	1,224	41,738,465	2,691	738	5,437,417
20 Printing and publishing.	789	53,273,296	6,074	2,027	11,828,058
21 Pulp and paper.	93	539,350,001	2,994	494	8,151,012
22 Refrigerators, other than electric.	10	522,221	31	8	57,632
23 Roofing paper, wall-board, etc.	14	5,624,781	276	66	541,898
24 Sawmills.	3,638	78,294,341	2,510	207	2,598,318
25 Trade composition.	34	1,033,190	61	19	154,243
26 Woodenware.	21	1,247,482	43	10	75,792
27 Wood turning.	40	1,812,783	83	13	121,351
28 All other industries.	21	10,946,360	128	41	508,744
5.—Iron and Its Products	1,317	606,421,322	12,372	3,178	28,478,793
1 Agricultural implements.	36	56,121,427	692	201	1,445,633
2 Aircraft.	7	1,544,869	70	8	148,884
3 Automobiles.	16	46,497,259	1,508	474	4,080,484
4 Automobile supplies.	85	24,730,610	598	251	1,517,062
5 Bicycles.	4	2,042,763	28	9	51,994
6 Boilers, tanks, and engines.	56	14,848,789	460	103	968,888
7 Bridge and structural steel work.	18	19,672,350	657	80	1,469,590
8 Castings and forgings.	238	46,429,034	1,054	297	2,452,180
9 Hardware and tools.	142	20,486,230	578	252	1,539,070
10 Heating and cooking apparatus.	62	15,802,641	521	173	1,171,047
11 Iron and steel products, n.e.s.	95	5,229,026	291	53	524,182
12 Machinery.	218	61,206,866	1,919	540	4,130,452
13 Primary iron and steel.	55	92,103,774	782	175	2,180,091
14 Railway rolling stock.	37	83,258,169	1,282	70	2,705,829
15 Sheet metal products.	138	50,323,623	1,191	298	2,361,387
16 Shipbuilding and repairs.	37	28,397,626	299	34	647,493
17 Wire and wire goods.	73	25,729,266	442	160	1,084,537

Materials, and Values of Products of Canadian Manufacturing Industries, 1936—con.

Employees on Wages.			Power Installed.	Cost of Fuel and Electricity.	Cost of Materials.	Value of Products		
Male.	Female.	Wages.				Net.	Gross.	
No.	No.	\$	h.p.	\$	\$	\$	\$	
856	1,302	1,306,865	404	29,087	134,150	1,812,348	1,975,585	7
642	291	878,787	7,740	121,243	3,408,977	3,012,978	6,543,198	8
136	1,051	713,259	604	20,000	1,956,071	2,421,070	4,397,141	9
152	88	165,076	1,561	30,252	1,062,236	553,284	1,675,722	10
362	589	616,127	1,193	36,372	2,075,735	1,615,950	3,728,057	11
188	399	448,167	1,987	73,378	1,502,341	1,835,489	3,411,208	12
11,265	6,081	12,827,682	110,963	1,955,949	37,042,911	26,636,505	65,635,365	13
721	156	648,397	4,155	198,692	1,422,056	1,947,014	3,568,369	14
76	-	33,753	304	2,305	99,016	74,429	175,750	15
1,251	7,055	4,471,119	2,298	145,980	14,743,645	9,735,990	24,625,615	16
46	215	135,025	347	7,767	352,028	277,359	837,154	17
1,868	1,875	2,883,888	1,856	136,600	6,148,288	6,088,924	12,373,810	18
6,555	11,289	12,205,299	19,601	770,212	24,360,941	24,337,987	49,469,140	19
914	198	990,296	8,452	220,988	4,064,552	4,170,975	8,456,515	20
125	178	223,345	178	11,139	780,926	483,401	1,275,520	21
5,687	3,481	6,866,229	20,729	976,941	10,732,371	15,221,509	26,930,821	22
3,587	2,360	4,372,159	14,230	614,868	11,666,780	9,328,653	21,610,303	23
908	283	986,879	9,211	126,358	3,524,401	2,895,251	6,546,000	24
1,330	1,433	1,763,722	6,656	222,891	5,924,443	3,953,295	10,100,029	25
53	50	66,212	148	4,713	248,291	295,349	548,351	26
97,078	9,521	100,231,172	2,227,328	30,191,711	295,978,921	261,020,034	497,103,666	
32	-	19,339	263	3,242	51,270	92,583	147,095	1
102	4	41,502	88	4,852	65,701	158,831	229,384	2
443	4	293,763	1,855	20,309	399,226	740,204	1,159,739	3
2,666	2,215	3,756,166	7,730	254,888	14,310,960	11,022,583	25,588,431	4
2,366	227	1,627,216	14,375	111,447	2,693,448	3,162,945	5,970,840	5
259	2	206,319	1,818	30,724	300,182	484,387	815,293	6
22	-	12,428	71	548	28,810	28,711	58,069	7
110	112	502,611	1,855	44,910	900,938	1,426,843	2,372,091	8
445	1	345,400	2,076	24,438	1,070,544	762,240	1,857,222	9
1,450	369	2,524,737	2,995	118,338	1,158,676	5,520,162	6,797,176	10
84	13	54,456	810	8,519	90,486	127,991	227,996	11
634	5	480,267	5,723	45,615	1,091,697	1,067,805	2,805,117	12
7,980	319	6,149,513	20,699	465,474	9,251,878	12,400,577	22,177,920	13
406	168	345,690	1,158	21,458	308,840	821,770	1,152,088	14
1,439	551	2,256,681	3,185	94,448	3,752,630	5,670,322	9,517,400	15
1,267	704	1,812,596	5,711	210,607	7,658,695	7,069,099	14,938,401	16
970	101	765,731	5,062	82,285	1,047,111	1,803,039	3,532,435	17
6,223	31	4,549,549	48,105	445,184	11,204,290	9,988,805	21,638,279	18
6,873	2,375	9,072,069	13,155	451,654	12,404,562	22,243,119	35,099,335	19
8,065	1,211	12,207,061	25,561	748,556	11,907,553	45,659,802	58,275,911	20
25,873	693	31,912,840	1,742,639	25,790,954	72,202,983	87,150,666	185,144,603	21
117	2	87,856	727	6,971	196,154	243,038	446,163	22
445	3	431,859	3,406	154,379	2,461,683	2,292,578	4,908,640	23
25,884	185	18,758,720	305,155	761,768	43,598,856	35,982,667	80,343,291	24
138	3	242,892	116	14,892	42,094	598,642	655,628	25
500	71	360,541	1,804	14,349	399,185	581,031	995,465	26
734	29	424,441	3,039	32,347	677,877	1,011,030	1,722,154	27
283	126	931,303	8,107	141,555	5,439,592	2,945,764	8,520,911	28
88,441	3,299	98,658,461	681,038	13,926,131	227,886,781	211,572,611	453,385,553	
4,539	56	4,595,987	24,062	530,300	7,209,399	8,217,761	15,957,460	1
325	13	373,085	233	20,588	571,117	756,189	1,347,894	2
10,648	303	14,083,558	38,043	697,627	71,201,646	33,450,762	105,350,035	3
5,385	608	6,259,064	38,453	721,582	18,453,840	14,203,086	33,378,508	4
322	27	344,419	1,226	33,874	746,515	721,477	1,501,866	5
1,955	1	2,097,354	17,801	244,687	3,567,813	4,493,360	8,305,860	6
1,830	-	2,217,124	28,107	206,549	5,355,196	6,352,173	11,913,918	7
8,920	120	8,773,758	52,425	1,302,664	11,524,940	18,184,280	31,011,884	8
4,125	718	4,363,083	14,594	477,580	5,779,432	11,534,043	17,791,055	9
3,724	37	3,466,127	8,893	331,434	4,339,283	8,361,837	13,032,554	10
1,001	31	925,595	5,013	92,039	1,777,496	2,266,564	4,136,099	11
7,613	206	8,174,970	44,209	680,763	15,761,565	25,005,145	41,447,473	12
10,142	39	11,650,280	212,402	5,440,129	21,424,052	10,772,711	46,636,892	13
17,235	26	19,455,448	117,328	1,781,825	30,486,569	24,701,059	56,969,453	14
5,228	765	5,580,803	20,862	580,505	22,617,288	16,796,358	39,994,151	15
2,463	5	2,556,985	41,544	235,863	1,830,644	4,474,547	6,241,054	16
2,949	255	3,140,708	15,841	548,122	5,539,986	12,281,289	18,369,397	17

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

Province, Group or Kind of Industry.	Establishments. No.	Capital Employed. \$	Salaried Employees.		
			Male. No.	Female. No.	Salaries. \$
6.—Non-Ferrous Metal Products.	512	266,322,674	5,494	1,773	13,561,687
1 Aluminium products	19	3,884,241	150	42	347,744
2 Brass and copper products	126	22,890,531	789	183	1,669,668
3 Electrical apparatus and supplies	186	79,784,524	3,205	1,171	7,803,954
4 Jewellery and silverware	113	8,834,230	385	180	1,023,041
5 Miscellaneous non-ferrous metal products	18	1,177,641	80	31	184,232
6 Non-ferrous metal smelting and refining	15	143,858,717	752	111	2,176,110
7 White metal alloys	35	5,882,190	133	55	356,933
7.—Non-Metallic Mineral Products.	803	282,506,533	3,454	838	7,485,905
1 Abrasive products	15	6,241,502	188	59	503,954
2 Asbestos products	13	1,955,676	50	15	125,220
3 Cement	9	53,344,991	79	5	173,001
4 Cement products	97	3,053,745	124	12	173,859
5 Clay products, from domestic clay	140	19,893,431	202	27	390,737
6 Clay products, from imported clay	20	4,216,334	103	38	244,608
7 Coke and gas products	42	93,088,722	958	315	2,023,881
8 Glass products	68	14,687,068	318	99	701,103
9 Lime	57	6,104,901	64	9	90,288
10 Miscellaneous non-metallic mineral products	38	7,934,204	121	28	277,587
11 Petroleum products	63	61,883,926	823	146	2,038,360
12 Salt	9	3,856,187	82	40	225,170
13 Sand-lime brick	5	598,510	14	1	18,621
14 Stone, monumental and ornamental	227	5,766,308	328	44	499,516
8.—Chemicals and Allied Products.	745	147,664,533	5,291	1,975	13,030,793
1 Acids, alkalis, and salts	20	32,596,308	603	112	1,297,038
2 Adhesives	19	2,260,199	69	18	148,318
3 Coal tar distillation	10	4,507,861	30	6	89,272
4 Explosives, ammunition, and fireworks	8	7,880,237	334	96	907,644
5 Fertilizers	20	14,800,141	205	58	432,487
6 Gases, compressed	28	4,565,549	226	84	536,321
7 Inks, printing and writing	33	2,965,068	169	49	502,405
8 Medicinal and pharmaceutical preparations	169	20,760,912	1,074	502	2,990,124
9 Miscellaneous chemical products	117	12,557,668	455	220	1,023,000
10 Paints, pigments, and varnishes	78	23,274,558	1,035	308	2,644,071
11 Polishes and dressings	48	2,236,299	158	57	331,766
12 Soaps and washing compounds	102	11,564,606	591	154	1,357,254
13 Toilet preparations	87	5,624,306	239	251	749,152
14 Wood distillation	6	2,064,721	13	—	21,941
9.—Miscellaneous Industries.	614	36,925,916	1,644	614	3,713,098
1 Artificial flowers and feathers	17	299,369	29	20	70,105
2 Automobile accessories, fabric	12	464,595	20	12	54,119
3 Brooms, brushes, and mops	79	4,142,485	208	81	421,564
4 Buttons	18	1,364,317	76	21	175,522
5 Candles	12	794,196	39	15	76,342
6 Fountain pens and pencils	9	1,919,858	71	33	184,346
7 Ice, artificial	40	4,287,090	112	20	202,829
8 Jewel cases and silverware cabinets	4	218,087	11	15	30,506
9 Mattresses and springs	61	6,326,821	229	78	576,073
10 Motion pictures	6	838,911	112	38	248,890
11 Musical instruments	19	2,203,805	52	12	83,217
12 Novelties, advertising and other	10	148,347	13	3	26,821
13 Pipes, tobacco	4	37,781	6	—	4,338
14 Regalia and society emblems	10	137,533	12	6	20,291
15 Scientific and professional equipment	30	6,249,514	187	100	549,814
16 Signs, electric	39	2,768,676	141	26	275,823
17 Sporting goods	36	1,589,567	87	42	151,045
18 Stamps and stencils, rubber and metal	35	767,317	74	17	132,125
19 Statuary and art goods	37	840,671	78	39	140,800
20 Store display accessories	3	121,253	7	3	11,901
21 Toys and toy equipment	11	229,478	22	8	68,543
22 Typewriter supplies	8	858,245	40	21	172,068
23 Umbrellas	7	184,815	13	3	28,761
24 All other industries	1	132,615	2	1	7,255
Grand Totals, All Industries.	24,282	3,271,263,531	81,469	23,008	173,198,657

Materials, and Values of Products of Canadian Manufacturing Industries, 1936—con.

Employees on Wages.			Power Installed.	Cost of Fuel and Electricity.	Cost of Materials.	Value of Products	
Male.	Female.	Wages.				Net.	Gross.
No.	No.	\$	h.p.	\$	\$	\$	\$
25,230	4,438	31,529,599	461,129	5,957,517	212,783,636	132,423,767	351,161,860
812	97	847,255	6,444	119,320	3,799,688	1,519,273	5,438,281
3,369	255	3,823,789	25,660	567,108	14,182,328	10,198,031	24,947,467
9,381	3,280	11,697,928	72,111	1,187,942	30,484,468	40,616,138	72,288,548
1,815	59	2,331,128	3,408	112,126	5,022,990	5,549,432	10,684,548
171	51	198,670	394	14,671	333,438	815,440	1,103,555
9,152	-	12,169,940	349,038	3,856,490	154,604,285	71,276,645	229,737,420
530	176	660,799	4,074	99,800	4,356,439	2,448,742	6,905,041
17,110	572	18,916,505	237,163	12,529,603	96,531,218	68,767,776	177,771,597
902	-	1,024,240	7,508	967,236	3,164,252	6,500,045	10,031,533
284	23	251,354	2,928	79,290	622,530	592,089	1,293,909
968	-	1,023,663	71,399	1,576,142	592,929	4,739,121	6,908,192
461	5	395,350	2,875	50,036	763,021	900,290	1,713,347
1,546	-	1,107,411	24,351	695,001	71,353	2,704,613	3,471,027
742	196	756,439	2,188	214,762	708,576	1,983,094	2,906,432
2,838	5	3,090,602	37,720	2,781,045	16,585,571	20,505,282	39,871,898
2,637	269	2,821,054	13,735	851,774	4,208,706	6,034,282	11,004,702
126	-	550,034	7,086	743,663	90,316	2,495,991	3,335,970
690	23	698,597	9,956	311,529	2,000,984	3,150,928	5,460,441
4,041	9	5,271,595	42,107	3,932,634	66,555,885	15,313,844	85,802,503
347	37	415,474	3,476	181,502	31,195	1,560,447	1,773,144
80	-	52,400	896	17,838	55,998	1,155,832	189,668
868	5	858,292	10,938	127,151	1,070,902	2,111,858	3,309,911
9,927	2,867	12,196,474	137,442	4,537,701	52,482,873	69,854,217	126,874,791
2,242	9	2,691,272	73,288	2,316,389	4,080,299	11,962,824	18,959,512
319	14	308,852	1,980	123,865	813,291	862,044	1,799,200
179	1	198,547	371	134,060	1,510,122	1,292,013	2,942,255
989	227	1,138,349	6,081	193,481	3,639,043	5,521,227	9,354,351
666	1	763,799	21,849	443,627	4,990,084	1,636,120	7,075,831
258	-	287,393	5,726	141,395	490,041	2,728,784	3,360,220
285	30	353,317	1,886	37,863	1,225,072	1,819,107	3,082,042
1,010	1,211	1,807,334	4,110	169,633	7,384,370	14,697,347	22,251,550
833	370	943,643	7,047	185,943	3,866,234	5,149,858	9,202,065
1,619	162	1,784,316	7,452	288,915	10,817,694	11,544,616	22,651,225
133	84	169,376	2,245	18,439	1,146,356	1,316,249	2,481,014
1,023	225	1,183,305	6,364	362,256	9,121,222	6,830,502	16,313,502
208	473	450,761	595	28,398	2,379,765	4,136,224	6,544,377
163	-	116,210	448	93,437	406,690	357,520	857,947
5,999	2,063	6,551,811	27,007	640,727	14,382,572	19,378,164	24,061,463
58	212	113,318	40	2,836	153,167	271,251	427,254
101	42	130,104	207	6,280	368,414	327,369	702,063
894	187	768,292	1,779	41,720	1,697,968	2,032,799	3,772,487
456	247	455,054	822	28,203	522,570	916,041	1,467,414
52	27	60,670	50	8,451	247,099	269,184	525,334
214	204	323,922	533	17,409	894,927	1,125,491	2,037,821
427	12	385,708	10,617	181,927	73,208	1,316,228	1,571,363
58	64	83,849	71	4,058	120,049	179,049	303,156
1,347	221	1,375,966	4,395	94,571	4,035,123	3,274,438	7,404,132
57	4	85,903	61	9,205	655,472	4,42,536	1,277,213
350	14	296,012	1,196	39,304	253,862	457,750	750,916
22	49	44,572	26	1,923	95,159	126,924	224,009
28	1	17,485	22	1,041	18,262	28,043	47,346
13	18	21,046	26	799	28,976	65,085	94,857
474	259	770,748	3,833	81,274	2,745,975	3,664,293	5,521,242
390	11	452,927	168	41,530	424,462	1,481,705	1,947,097
409	133	392,728	1,603	33,860	710,015	1,012,375	1,762,848
160	4	169,229	189	9,307	94,090	442,137	540,104
199	156	259,235	724	12,112	475,552	628,304	1,115,968
30	3	26,903	134	3,326	15,662	48,580	97,568
148	118	161,555	144	10,175	222,513	440,015	673,301
74	25	103,657	298	8,393	531,844	441,625	781,862
23	43	42,277	20	838	161,237	113,224	265,319
9	9	13,050	46	2,170	39,498	72,518	114,192
379,977	169,965	438,873,377	4,461,867	88,597,146	1,621,313,996	1,289,592,672	3,002,463,814

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

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 representative years, 1922-36, in summary form, and for 1936 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 14.2 p.c. of the total value of production in 1922 to 14.8 p.c. of the total in 1936, and the increase in "producers materials" from 27.9 p.c. to 32.0 p.c. during the same period. Another significant change is the decline in the "food" group which dropped from a production of 28.2 p.c. to 23.5 p.c. of the total. Whereas in 1922, food products comprised the leading group, in 1936 the production of producers materials ranked first in importance. It should also be noted, however, that the cost of materials in this group is abnormally high. The following other groups have improved their positions since 1922: vehicles and vessels advanced from an output of 6.7 p.c. to 7.8 p.c. of the total value of production; drink and tobacco from 4.2 p.c. to 4.6 p.c., while books and stationery held the same proportion at 4.2 p.c.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups for Representative Years 1922-35, and in Detail for 1936.

NOTE.—Figures have been revised since publication of the 1935 report. See headnote to Table 1, p. 7.

Year and Purpose Heading.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
1922.	No.	\$	No.	\$	\$	\$
Totals	21,016	2,667,493,290	156,256	189,397,230	1,282,011,450	2,385,230,338
Food	8,256	343,867,673	66,815	67,738,701	490,731,438	673,794,031
Drink and tobacco	496	104,047,461	13,402	13,777,986	33,027,203	99,529,819
Clothing	659	166,336,319	63,441	59,056,681	117,015,781	221,903,467
Personal utilities	930	56,060,262	16,994	17,080,049	21,899,031	57,258,476
House furnishings	600	75,168,053	18,032	19,861,883	24,956,966	62,961,060
Books and stationery	1,557	82,240,691	28,103	36,920,804	27,190,071	99,118,969
Vehicles and vessels	1,154	191,267,804	30,067	37,237,412	87,840,814	160,624,079
Producers materials	5,588	1,086,692,015	143,354	147,581,011	316,400,406	666,241,271
Industrial equipment	1,740	556,862,578	75,269	89,081,303	160,035,399	338,862,958
Miscellaneous	30	4,960,434	869	1,061,388	2,964,354	4,916,418
Totals	20,769	2,895,317,508	487,610	531,467,675	1,436,190,791	2,584,306,764
Food	8,036	364,420,646	74,721	73,119,482	515,708,299	702,713,901
Drink and tobacco	518	124,000,298	14,702	15,748,590	39,159,283	111,877,777
Clothing	1,438	182,111,110	73,604	67,911,133	127,911,158	245,366,956
Personal utilities	341	48,367,616	9,547	11,057,381	20,304,171	41,815,384
House furnishings	587	64,787,015	35,820	17,142,229	22,448,944	54,944,837
Books and stationery	1,690	100,017,954	29,446	40,212,106	32,360,935	107,272,029
Vehicles and vessels	980	205,551,891	34,149	44,677,601	117,515,075	195,403,284
Producers materials	5,710	1,251,962,266	163,523	179,646,067	384,533,201	767,759,256
Industrial equipment	1,253	521,063,329	67,578	82,937,350	160,470,513	310,069,502
Miscellaneous	150	33,035,383	4,420	4,714,828	15,779,190	27,080,778
Totals	21,301	3,208,071,197	559,161	625,682,212	1,726,520,016	3,111,693,230
Food	8,259	394,159,943	87,345	78,143,619	581,403,701	783,223,094
Drink and tobacco	574	137,139,189	15,341	16,817,622	45,115,122	130,995,267
Clothing	1,528	193,870,758	82,243	77,135,327	156,831,454	288,909,404
Personal utilities	384	50,497,988	10,633	12,470,247	24,236,592	49,724,101
House furnishings	543	60,277,954	15,084	16,858,549	22,673,689	55,353,652
Books and stationery	1,716	108,582,186	31,500	43,781,918	34,575,475	116,119,225
Vehicles and vessels	917	271,239,055	50,731	70,315,573	178,558,815	298,064,166
Producers materials	5,807	1,404,500,475	182,599	206,672,939	453,319,993	935,766,746
Industrial equipment	1,400	556,955,826	78,550	98,619,429	212,697,326	427,447,094
Miscellaneous	173	30,838,823	4,537	5,266,956	16,107,849	29,190,480

¹ For the years 1922, 1924 and 1926 the figures for "cost of materials" and "gross value of products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

10. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups for Representative Years 1922-35, and in Detail for 1936—continued.

Year and Purpose Heading.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No	\$	No	\$	\$	\$
1929.						
Totals	22,216	4,061,892,005	666,531	777,291,217	2,029,670,813	3,883,446,116
Food	8,351	463,984,555	94,707	87,960,036	597,396,238	837,986,384
Drink and tobacco	599	201,395,785	18,976	21,670,376	65,440,053	208,968,098
Clothing	1,680	223,379,104	13,935	18,914,849	172,726,557	330,452,685
Personal utilities	380	56,155,234	11,148	13,595,331	29,389,246	61,191,750
House furnishings	600	76,185,921	23,857	23,248,775	34,293,405	77,811,331
Books and stationery	1,917	144,222,921	38,141	56,003,183	45,384,362	155,947,990
Vehicles and vessels	784	310,942,028	61,835	01,239,185	243,258,350	407,947,648
Producers materials	6,227	1,776,758,115	223,071	258,255,079	524,193,104	1,154,908,260
Industrial equipment	1,576	719,112,914	99,922	131,820,142	304,581,449	614,827,756
Miscellaneous	105	32,789,005	3,939	4,584,261	13,007,989	27,403,344
1933.						
Totals	23,790	3,279,259,838	468,658	436,247,824	967,788,928	1,954,675,785
Food	8,759	408,995,499	75,434	68,652,798	313,760,942	492,729,174
Drink and tobacco	670	185,612,678	18,289	17,626,141	40,454,300	99,409,638
Clothing	1,922	143,382,082	15,363	50,001,234	103,209,050	194,627,734
Personal utilities	601	39,681,900	8,938	8,616,372	15,323,848	35,589,961
House furnishings	654	66,047,002	15,587	12,887,200	10,022,580	38,684,049
Books and stationery	2,170	132,507,101	34,300	42,830,661	28,818,380	103,477,707
Vehicles and vessels	479	232,153,543	37,618	35,725,625	56,917,292	120,992,781
Producers materials	6,564	1,459,509,284	139,734	126,208,238	252,383,314	573,991,467
Industrial equipment	1,819	688,147,285	60,061	64,155,426	133,382,392	277,075,032
Miscellaneous	142	23,163,454	3,334	3,544,129	7,516,826	18,497,642
1935.						
Totals	24,034	3,216,103,127	556,664	559,467,777	1,419,146,212	2,653,911,209
Food	8,561	405,894,748	83,930	78,173,759	415,364,620	614,425,247
Drink and tobacco	677	183,501,357	19,165	19,785,411	49,941,998	121,157,062
Clothing	2,028	154,799,641	88,141	67,334,919	127,396,562	233,209,222
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	24,484,871	52,944,029
Books and stationery	2,202	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	120,325,357	215,103,397
Producers materials	6,737	1,410,095,540	177,100	175,890,774	427,093,908	846,108,272
Industrial equipment	1,856	577,491,236	76,377	86,974,026	187,338,713	387,721,840
Miscellaneous	158	23,913,463	4,240	4,804,964	10,649,521	23,052,039
1936.						
Totals	24,292	3,271,263,531	594,359	612,071,434	1,624,213,996	3,002,403,811
Food	8,596	431,309,246	89,893	85,083,542	481,136,652	705,259,946
Drink and tobacco	651	179,038,633	19,742	21,481,951	57,637,978	137,285,390
Clothing	2,073	165,053,967	89,460	71,629,227	134,693,738	247,386,145
Personal utilities	625	38,851,436	11,137	11,227,804	23,011,381	46,932,602
House furnishings	768	84,064,261	23,928	22,580,127	32,195,275	72,887,652
Books and stationery	2,321	132,739,983	38,143	49,586,742	37,049,911	125,513,235
Vehicles and vessels	451	229,849,466	48,148	57,206,737	128,834,560	235,440,142
Producers materials	6,637	1,400,194,926	180,191	191,294,293	497,044,281	901,155,247
Industrial equipment	1,920	583,841,518	83,299	96,950,462	219,247,904	445,102,028
Miscellaneous	160	26,320,095	4,418	5,030,368	11,862,316	25,461,427
1936—Detail.						
Food	8,596	431,309,246	89,893	85,083,542	481,136,652	705,259,946
Breadstuffs	4,493	167,271,057	38,036	35,122,120	156,166,978	248,118,863
Fish	624	18,614,592	5,252	3,279,581	10,459,938	26,684,801
Fruits and vegetables	304	41,572,514	9,258	0,066,701	27,455,440	47,337,397
Meats	206	63,029,516	12,773	14,343,023	127,858,484	158,973,598
Milk products	2,640	67,737,953	16,707	16,084,827	87,050,738	123,613,519
Oils and fats	4	90,322	26	33,034	89,411	175,229
Sugar industries	10	33,199,993	2,559	3,413,698	27,924,998	40,405,377
Infusions	92	13,347,535	2,086	2,364,413	19,140,291	26,412,092
Miscellaneous	223	26,445,764	3,796	4,375,900	18,390,365	33,539,070
Drink and Tobacco	651	179,038,633	19,742	21,481,951	57,637,978	137,285,390
Beverages, alcoholic	86	93,057,376	6,572	8,821,562	20,283,886	64,243,979
Beverages, non-alcoholic	454	20,273,580	3,855	4,297,209	6,447,447	19,809,381
Tobacco	111	64,907,677	9,315	8,363,240	30,906,645	53,212,030

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, for Representative Years 1922-35, and in Detail for 1936—concluded.

Year and Purpose Heading.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1936—DETAIL—concluded.						
Clothing	2,073	165,053,967	89,160	71,629,227	131,693,738	217,386,115
Dress and shoes	219	25,318,549	15,961	11,622,002	18,889,035	35,543,115
Fur goods	345	12,822,777	3,952	4,140,861	9,489,349	15,981,037
Garments, etc.	1,084	64,394,351	42,874	34,772,943	72,268,824	127,643,859
Gloves and mittens	58	3,106,015	2,119	1,482,518	2,603,210	4,661,744
Hats and caps	187	7,191,706	4,784	4,198,915	6,301,453	12,801,064
Knitted goods	168	51,398,678	19,429	15,120,277	24,390,941	49,499,140
Waterproofs	12	821,891	341	291,711	780,926	1,275,526
Personal Utilities	625	38,851,136	11,137	11,727,801	23,011,381	46,932,602
Jewellery and timepieces	117	9,052,317	3,107	3,468,524	5,143,029	10,987,704
Recreational supplies	66	4,022,850	1,401	1,153,101	1,192,988	3,187,065
Personal utilities	442	25,776,269	6,629	6,606,179	16,675,354	32,757,833
House Furnishings	768	84,061,261	23,928	22,580,127	32,795,275	72,887,652
Books and Stationery	2,321	132,739,983	38,113	49,586,742	37,019,911	135,513,235
Vehicles and Vessels	451	229,819,466	48,118	57,206,737	128,831,560	235,410,112
Producers Materials	6,637	1,400,191,326	186,191	191,291,293	197,911,281	961,155,217
Farm materials	20	14,800,141	930	1,196,286	4,996,084	7,075,831
Manufacturers materials	1,068	1,087,763,451	121,447	134,844,615	383,224,398	734,788,070
Building materials	4,957	227,757,199	48,294	40,864,490	80,036,456	162,026,792
General materials	592	69,874,135	15,520	14,388,902	29,687,343	57,267,554
Industrial Equipment	1,920	583,811,518	83,299	96,950,622	219,217,901	445,102,028
Farming equipment	44	56,322,161	5,557	6,080,422	7,260,669	16,104,555
Manufacturing equipment	231	62,489,203	10,006	12,773,127	16,070,405	42,599,511
Fording equipment	141	8,951,528	1,684	2,004,563	1,034,995	5,138,600
Service equipment	291	32,863,839	6,439	7,677,090	12,162,007	33,538,664
Light, heat and power equip- ment	428	250,632,110	28,944	35,801,925	117,674,581	207,108,909
General equipment	785	172,642,677	29,769	32,013,515	65,045,247	140,611,759
Miscellaneous	160	26,320,095	4,418	5,030,368	11,862,316	25,161,427

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

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, 1935 and 1936. By this means manufacturing production may be analysed from another angle, and interesting comparisons can be made with the external trade classification according to origin (pp. 572 and 573 of the 1938 Year Book).

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.

The mineral origin group includes, in addition to the non-ferrous metals so largely produced in Canada, the manufactures of iron and steel, of petroleum, and other mineral substances the raw materials of which are very largely imported. Products of mineral origin with the exception of fuels are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. In 1936, the gross value of manufactures of mineral origin in Canada almost equalled those of farm origin, which included textiles as well as foods.

In value added in manufacture the mineral origin group advanced from second place in 1924 with 30.5 p.c. of the total value added by manufacture in all industries to first place in 1936 with 37.2 p.c. of the total. On the other hand, the manufacture of materials of farm origin receded from first place with 33.3 p.c. of the total in 1924 to second place with 32.0 p.c. of the total in 1936. The value added in manufacture of materials of forest origin was in third place at both the beginning and end of the period, but the proportion dropped from 26.0 p.c. in 1924 to 20.7 p.c. in 1936 and both the gross value and the value added were actually lower in 1936 than in 1924. These three groups accounted for about 90 p.c. of the value added.

In 1936, industries of the farm origin group had the largest number of employees but the mineral group had the greatest capital and paid out the most in salaries and wages. Industries of the mineral group had an average capital per employee of nearly \$7,000 and an average salary or wage of \$1,258, while for industries of the farm origin group the respective averages were \$4,600 and \$930.

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups for Representative Years 1924-36.

NOTE.—Figures have been revised since publication of the 1935 report. See headnote to Table 1, p. 7.

Year and Origin.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1924.						
Grand Totals	20,709	2,895,317,508	487,610	534,467,675	1,436,190,791	2,584,306,764
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..	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Canadian origin.....	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, Farm Origin	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Canadian origin.....	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin.....	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
Wild life origin.....	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Marine origin.....	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Forest origin.....	6,873	870,149,932	126,907	147,719,245	245,183,429	544,282,597
Mineral origin.....	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Mixed origin.....	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
1926.						
Grand Totals	21,361	3,208,071,197	559,161	625,682,212	1,726,520,016	3,114,693,230
Farm Origin—						
(a) From field crops.....	4,697	565,932,312	99,200	95,403,660	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..	4,137	248,759,804	65,939	69,690,146	333,770,293	467,253,826
Canadian origin.....	4,137	248,759,804	65,939	69,690,146	333,770,293	467,253,826
Totals, Farm Origin	8,834	814,692,116	165,139	165,093,812	820,292,801	1,240,277,054
Canadian origin.....	8,571	571,793,667	121,956	124,409,952	633,223,161	953,962,848
Foreign origin.....	263	242,898,449	43,183	40,683,860	187,069,640	286,314,206
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	36,190,764
Forest origin.....	6,710	926,726,166	133,428	159,969,652	260,039,864	597,551,657
Mineral origin.....	3,284	1,200,704,022	173,515	226,802,705	489,898,292	982,103,019
Mixed origin.....	1,410	223,759,154	66,009	63,864,505	121,795,580	236,795,048

¹For the years 1924 and 1926 the figures for "cost of materials" and "gross value of products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups for Representative Years 1924-36—continued.

Year and Origin.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1929.						
Grand Totals	22,216	1,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
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..	3,850	272,178,703	67,446	73,105,403	355,763,503	507,694,323
Canadian origin.....	3,850	272,178,703	67,446	73,105,403	355,763,503	507,694,323
Totals, Farm Origin	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Canadian origin.....	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin.....	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385
Wild life origin.....	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Marine origin.....	730	28,844,442	16,367	5,411,855	21,496,859	34,966,260
Forest origin.....	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Mineral origin.....	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Mixed origin.....	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
1933.						
Grand Totals	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785
Farm Origin—						
(a) From field crops.....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
Canadian origin.....	5,424	393,913,114	59,378	51,750,819	173,684,115	322,289,909
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
(b) From animal husbandry..	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Canadian origin.....	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, Farm Origin	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Canadian origin.....	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
Wild life origin.....	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Marine origin.....	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Forest origin.....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Mineral origin.....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Mixed origin.....	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
1935.						
Grand Totals	24,034	3,216,463,127	556,664	559,467,777	1,419,146,217	2,633,911,709
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..	3,881	242,276,644	74,556	67,115,718	264,608,357	389,696,072
Canadian origin.....	3,881	242,276,644	74,556	67,115,718	264,608,357	389,696,072
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	3,797,013	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.....	1,920	230,303,418	79,809	67,192,905	114,280,459	237,741,340

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups for Representative Years 1924-36—concluded.

Year and Origin.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
1936.						
Grand Totals	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	3,002,403,814
Farm Origin—						
(a) From field crops.....	6,042	621,273,209	110,000	103,311,060	387,870,445	691,001,191
Canadian origin.....	5,267	399,167,986	67,353	63,080,019	256,931,499	450,793,956
Foreign origin.....	775	222,105,223	42,647	40,231,041	130,938,946	240,207,235
(b) From animal husbandry..	3,912	253,730,953	79,361	72,356,777	303,076,995	440,171,338
Canadian origin.....	3,912	253,730,953	79,361	72,356,777	303,076,995	440,171,338
Totals, Farm Origin	9,954	875,004,162	189,361	175,667,837	690,947,440	1,131,172,529
Canadian origin.....	9,179	652,898,939	146,714	135,436,796	560,008,494	890,965,294
Foreign origin.....	775	222,105,223	42,647	40,231,041	130,938,946	240,207,235
Wild life origin.....	345	12,822,777	3,952	4,140,861	9,489,349	15,991,697
Marine origin.....	624	18,014,592	5,252	3,279,581	16,459,938	28,084,801
Forest origin.....	8,080	864,302,280	129,900	137,426,273	204,820,245	490,306,490
Mineral origin.....	3,301	1,293,369,809	165,581	223,553,588	584,795,869	1,097,328,476
Mixed origin.....	1,898	207,149,911	80,313	68,003,294	117,701,155	240,919,821

Subsection 4.—The Forty Leading Manufacturing Industries.

In the following statement, the rank of the ten leading industries in 1936, from the standpoint of gross value of production, is compared with their respective ranks in representative years since 1922.

THE TEN LEADING INDUSTRIES, 1936, COMPARED AS TO RANK FOR REPRESENTATIVE YEARS 1922-35.

Industry.	Rank in—						
	1936.	1935.	1934.	1933.	1929.	1926.	1922.
Non-ferrous metal smelting and refining. . .	1	1	2	2	9	9	—
Pulp and paper.....	2	2	1	1	1	1	2
Slaughtering and meat packing.....	3	3	3	3	2	3	3
Flour and feed mills.....	4	6	4	4	3	2	1
Butter and cheese.....	5	5	5	5	6	6	5
Automobiles.....	6	4	7	11	4	5	6
Petroleum products.....	7	7	6	6	10	11	9
Sawmills.....	8	8	11	14	5	4	4
Electrical apparatus and supplies.....	9	9	14	16	8	13	17
Cotton yarn and cloth.....	10	11	8	8	13	8	7

A prominent feature of Canadian manufacturing development in recent years has been the growth of non-ferrous metal smelting. This industry, based upon mineral resources, has now taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources.

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 or curtailment of capital expenditures 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.

Since the statistics of the forty leading industries in 1935 have been revised owing to the elimination of central electric stations since the publication of the 1935 report, they are given here in their revised form in Table 12A.

**12.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to Gross Value of Products, 1936.**

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Value of Products.	
						Net.	Gross.
	No.	\$	No.	\$	\$	\$	\$
1 Non-ferrous metal smelting and refin- ing	15	143,858,717	10,015	14,346,050	154,604,285	71,276,645	229,737,420
2 Pulp and paper	93	539,350,001	30,054	40,063,862	72,202,983	87,150,666	185,144,603
3 Slaughtering and meat packing	142	61,806,675	11,776	13,921,410	126,630,088	29,028,206	156,971,640
4 Flour and feed mills	1,118	61,867,287	5,685	6,542,945	90,614,236	22,680,670	114,617,099
5 Butter and cheese	2,573	60,201,575	15,545	14,772,250	80,983,372	30,018,633	112,712,327
6 Automobiles	16	46,497,259	12,933	18,164,042	71,201,646	33,450,762	105,350,035
7 Petroleum products	63	61,883,926	5,019	7,309,955	66,555,885	15,313,844	85,802,363
8 Sawmills	3,638	78,294,341	28,786	21,357,038	43,598,856	35,982,667	80,343,291
9 Electrical apparatus and supplies	186	79,794,524	17,037	19,501,882	30,484,468	40,616,138	72,288,548
10 Cotton yarn and cloth	35	71,564,646	17,910	14,218,231	37,042,911	26,636,505	65,635,805
11 Bread and other bakery products	3,101	46,108,482	19,598	17,703,572	32,124,708	31,458,312	65,558,437
12 Rubber goods, in- cluding footwear	50	64,600,479	11,881	11,954,016	23,598,661	37,199,378	62,054,808
13 Printing and publish- ing	789	53,273,296	17,377	24,035,719	11,967,553	45,559,802	58,275,911
14 Railway rolling-stock	37	83,258,169	18,633	22,161,277	30,486,569	24,701,059	56,969,453
15 Clothing, factory, women's	583	25,114,251	18,924	15,255,725	32,706,792	23,187,289	56,118,773
16 Hosiery and knitted goods	168	51,398,678	19,429	15,120,277	24,360,941	24,337,987	49,469,140
17 Fruit and vegetable preparations	304	41,572,514	9,258	6,066,761	27,455,449	19,215,422	47,337,397
18 Primary iron and steel	55	92,103,774	11,138	13,830,377	21,424,052	19,772,711	46,636,892
19 Biscuits, confection- ery, cocoa, etc.	206	39,802,756	11,201	10,101,275	22,191,155	23,120,592	46,051,641
20 Breweries	70	55,969,772	4,604	6,517,804	15,540,509	27,796,122	44,047,794
21 Machinery	218	61,206,866	10,277	12,305,422	15,761,565	25,005,145	41,447,473
22 Clothing, factory, men's	188	18,570,959	10,578	10,255,745	22,728,166	17,647,628	40,526,745
23 Sugar refineries	10	33,189,993	2,559	3,413,098	27,924,998	11,430,093	40,405,377
24 Tobacco, cigars, and cigarettes	95	58,785,097	7,593	7,207,737	20,111,289	20,020,045	40,287,359
25 Sheet metal products	138	50,323,623	7,482	7,942,190	22,617,288	16,796,358	39,994,151
26 Coke and gas pro- ducts	42	93,088,722	4,116	5,714,483	16,588,571	20,505,282	39,871,898
27 Boots and shoes, leather	219	25,318,549	15,961	11,622,002	18,889,035	16,372,950	35,543,115
28 Printing and book- binding	1,224	41,738,465	12,677	14,509,486	12,404,562	22,243,119	35,099,335
29 Automobile supplies	85	24,730,610	6,842	7,776,726	18,453,840	14,203,086	33,378,508
30 Castings and forgings	238	46,429,034	10,391	11,225,938	11,524,940	18,184,280	31,011,884
31 Silk and artificial silk	35	34,947,643	10,189	8,877,373	10,732,371	15,221,509	26,930,821
32 Fish curing and pack- ing	624	18,014,592	5,252	3,279,581	16,459,938	9,837,729	26,684,801
33 Coffee, tea and spices	92	13,347,535	2,086	2,364,413	19,140,291	7,172,270	26,412,092
34 Boxes and bags, paper	141	20,919,171	5,902	5,761,998	14,310,960	11,022,583	25,588,431
35 Brass and copper pro- ducts	126	22,890,531	4,596	5,293,457	14,182,328	10,198,031	24,947,467
36 Furnishing goods, men's	176	16,626,096	9,410	6,363,980	14,743,645	9,735,990	24,625,615
37 Leather tanneries	87	23,627,727	4,306	4,227,441	15,394,863	7,379,439	23,294,210
38 Paints, pigments and varnishes	78	23,274,558	3,124	4,428,387	10,817,694	11,544,616	22,651,225
39 Medicinal and phar- maceutical prepar- ations	169	20,760,912	3,857	4,797,458	7,384,370	14,697,547	22,251,550
40 Furniture	425	26,577,141	9,677	8,111,877	9,251,878	12,460,577	22,177,929
Totals, Forty Lead- ing Industries	17,652	2,433,298,916	443,678	457,423,850	1,335,194,709	960,181,687	2,344,252,923
Totals, All Indus- tries	21,292	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
Percentages of forty leading industries to all industries	72.9	74.4	74.6	74.7	82.2	74.5	78.7

**12A.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to the Gross Value of the Products, 1935.¹**

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Value of Products.	
						Net.	Gross.
	No.	\$	No.	\$	\$	\$	\$
1 Non-ferrous metal smelting and refin- ing	15	145,686,299	8,944	12,687,356	126,804,073	55,665,202	186,245,658
2 Pulp and paper	95	545,572,938	27,836	35,893,313	57,995,037	81,973,362	162,651,282
3 Slaughtering and meat packing	139	58,207,715	10,674	12,448,347	108,191,810	23,960,322	133,379,312
4 Automobiles	20	40,765,548	13,095	18,797,599	75,645,998	30,258,247	106,624,445
5 Butter and cheese	2,589	58,291,763	14,786	13,905,135	69,953,193	28,293,638	99,888,971
6 Flour and feed mills	1,127	56,475,315	5,454	5,165,507	78,071,667	18,139,432	97,567,868
7 Petroleum products	58	64,707,454	4,856	7,153,224	58,869,814	17,233,062	79,950,525
8 Sawmills	3,698	75,973,627	25,727	17,711,657	35,927,884	29,325,290	65,905,132
9 Electrical apparatus and supplies	182	75,499,255	15,549	17,594,759	25,409,806	34,672,227	61,152,834
10 Bread and other bakery products	3,045	43,788,924	19,167	16,369,912	28,343,545	29,141,417	59,400,668
11 Cotton yarn and cloth	35	70,741,613	18,121	13,206,265	33,689,873	23,812,460	59,378,664
12 Rubber goods, in- cluding footwear	45	63,435,798	11,023	11,017,431	20,258,774	34,501,782	55,949,570
13 Printing and publish- ing	793	53,721,846	16,889	23,061,512	11,197,377	43,904,537	55,832,925
14 Clothing, factory, women's	591	22,668,528	17,894	14,593,861	31,642,215	21,939,567	53,796,274
15 Hosiery and knitted goods	163	50,048,900	18,511	14,252,653	22,948,056	22,688,647	46,390,103
16 Railway rolling-stock	37	86,547,010	16,921	18,785,671	20,769,208	18,806,965	41,213,039
17 Biscuits, confection- ery, coconut, etc.	234	37,779,319	10,446	9,315,653	19,231,189	21,266,428	41,197,835
18 Breweries	73	57,928,298	4,460	6,155,642	15,024,625	24,966,377	40,699,040
19 Tobacco, cigars, and cigarettes	116	58,178,513	8,145	7,221,048	19,701,385	19,244,706	39,103,875
20 Castings and forgings	303	63,585,479	13,760	14,138,972	14,042,882	23,145,126	38,779,813
21 Primary iron and steel	53	86,465,490	9,523	12,279,390	16,539,072	15,316,330	38,700,961
22 Coke and gas pro- ducts	44	98,939,160	4,107	5,627,861	15,233,519	20,809,159	38,474,789
23 Fruit and vegetable preparations	298	38,272,379	7,912	5,063,481	22,252,826	15,446,800	38,276,487
24 Sugar refineries	8	33,017,874	2,134	3,086,691	25,137,568	10,496,252	36,597,997
25 Clothing, factory, men's	170	16,271,865	9,296	8,990,370	20,676,934	15,769,464	36,578,897
26 Boots and shoes, leather	217	24,313,445	15,930	11,742,871	19,431,799	16,276,684	35,989,912
27 Sheet metal products	129	47,369,004	6,580	6,802,698	18,971,146	14,070,732	33,564,302
28 Printing and book- binding	1,182	40,331,944	12,194	13,707,159	11,653,559	21,097,502	33,188,331
29 Machinery	211	59,899,705	8,949	10,531,251	12,194,263	20,050,537	32,856,175
30 Automobile supplies	82	23,260,333	6,614	7,411,434	18,528,296	13,467,926	32,684,252
31 Silk and artificial silk	33	35,063,023	10,088	8,371,037	10,940,739	16,160,863	28,045,340
32 Coffee, tea and spices	86	13,431,195	2,118	2,537,077	17,543,308	6,568,747	24,214,761
33 Boxes and bags, paper	146	21,153,422	5,562	5,432,060	12,952,362	10,278,576	23,466,368
34 Fish curing and pack- ing	630	17,144,806	4,766	2,874,553	14,772,722	8,340,663	23,458,356
35 Furnishing goods, men's	176	15,569,465	8,957	5,788,255	13,916,201	9,095,917	23,152,780
36 Medicinal and phar- maceutical prepa- rations	166	20,091,688	3,664	4,500,252	7,009,191	14,126,458	21,292,751
37 Leather tanneries	85	22,982,210	3,907	3,920,106	12,991,558	7,006,369	20,497,553
38 Paints and varnishes	80	22,709,466	3,060	4,242,116	9,610,743	10,440,819	20,341,407
39 Woollen cloth	65	19,620,649	6,305	5,108,603	10,342,336	8,402,570	19,343,305
40 Furniture	404	26,060,887	8,827	9,954,097	7,892,538	10,859,625	19,208,050
Totals, Forty Lead- ing Industries.	17,623	2,411,572,152	422,811	424,446,789	1,174,315,093	867,927,447	2,165,946,695
Totals, All Indus- tries.	24,034	3,216,493,127	556,661	559,467,777	1,419,146,217	1,153,485,104	2,633,911,399
Percentage of forty leading industries to all industries....	73.3	75.0	76.0	75.9	82.8	75.2	79.3

¹Revised since publication of the 1935 report. See headnote to Table 1, p. 7.

Section 3.—Provincial Distribution of Manufacturing Production.

Ontario and Quebec are the most important manufacturing provinces of Canada. Their combined production in 1936 amounted to \$2,411,000,000 or over 80 p.c. of the gross value of manufactured products of the Dominion. The proximity of Ontario to the coal-fields of Pennsylvania, the water-power and other varied 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 1936 the third largest gross manufacturing production, with 7.2 p.c. of the total, and Manitoba the fourth with 4.1 p.c. Alberta, Nova Scotia, New Brunswick, Saskatchewan, and Prince Edward Island followed in the order named.

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

Group and Industry.		Prince Edward Island.	Nova Scotia.	New Brunswick.
		\$	\$	\$
1.—Vegetable Products		577,461	11,143,497	13,885,033
1	Aerated and mineral waters	26,566	360,075	320,815
2	Biscuits, confectionery, cocoa and chocolate	—	2,143,435	1,676,727
3	Bread and other bakery products	129,047	1,321,663	1,168,424
4	Breweries	—	—	—
5	Coffee, tea, and spices	—	759,064	3,408,448
6	Distilleries	—	—	—
7	Flour and feed mills	139,662	517,410	687,318
8	Foods, breakfast	—	—	—
9	Foods, stock and poultry	162,235	—	—
10	Foods, miscellaneous	—	—	—
11	Fruit and vegetable preparations	—	888,313	171,867
12	Ice cream cones	—	—	—
13	Linseed oil and oil cake	—	—	—
14	Macaroni, vermicelli, etc.	—	—	—
15	Malt and malt products	—	—	—
16	Rice mills	—	—	—
17	Rubber goods, including footwear	—	—	—
18	Starch and glucose	—	—	—
19	Sugar refineries	—	—	—
20	Tobacco, cigars, and cigarettes	—	—	—
21	Tobacco processing and packing	—	—	—
22	Wine	—	—	—
23	All other industries	119,951	5,153,537	6,451,434
2.—Animal Products		1,770,015	9,146,956	6,268,762
1	Animal oils and fats	—	—	—
2	Belting, leather	—	—	—
3	Boot and shoe findings (leather)	—	—	—
4	Boots and shoes, leather	—	—	533,518
5	Butter and cheese	624,834	2,361,193	1,579,120
6	Condensed milk	—	—	—
7	Dairy products, other	—	85,054	—
8	Fish curing and packing	680,283	6,164,488	2,768,926
9	Fur dressing and dyeing	—	—	—
10	Fur goods	—	—	—
11	Gloves and mittens, leather	—	—	—
12	Hair goods, animal and human	—	—	—
13	Leather tanneries	—	—	—
14	Miscellaneous leather goods	—	78,488	51,368
15	Sausage and sausage casings	—	—	—
16	Slaughtering and meat packing	444,988	78,738	1,287,466
17	All other industries	19,910	378,995	48,364
3.—Textiles and Textile Products		109,213	5,086,194	4,078,519
1	Awnings, tents, and sails	—	18,720	—
2	Bags, cotton and jute	—	—	—
3	Batting and wadding	—	—	—
4	Carpets, mats, and rugs	—	—	—
5	Clothing, factory, men's	—	—	—

¹ Included with "All other industries".

Table 13 below gives an outline of the provincial distribution of manufacturing by groups and individual industries. Gross value of production only can be shown in this table, and in numerous cases figures cannot be given as there are less than three establishments reporting in a province. However, the table gives an excellent analysis of the manufacturing production of each province, as well as the provincial distribution of production in each industry. Industries of the vegetable and animal products groups are fairly well distributed among the provinces since their materials come from the farms and they chiefly produce foods for the consuming population. The textile industries are in a large measure concentrated in Quebec and Ontario. Wood and paper industries show their greatest development in provinces with large forest and water power resources. Ontario, Quebec, and Nova Scotia lead in the iron and steel industries.

Canada, by Provinces, Groups, and Individual Industries, 1936.

Quebec.	Ontario.	Manitoba.	Saskatchewan.	Alberta.	British Columbia and Yukon.	Canada.	
\$	\$	\$	\$	\$	\$	\$	
158,431,033	308,468,096	25,266,779	19,845,565	21,474,660	34,355,991	597,461,635	1
7,225,856	6,307,336	1,251,891	434,722	681,457	438,763	17,047,481	2
12,418,576	26,090,054	1,902,327	1	592,588	1,224,639	46,051,641	3
17,218,232	32,266,097	3,291,015	1,883,899	2,716,971	5,563,089	65,558,437	4
14,368,495	17,960,108	2,308,510	1,920,678	2,671,134	3,825,488	44,047,794	5
7,130,039	7,751,632	2,385,899	63,074	201,774	4,712,162	26,412,092	6
6,785,879	12,180,852	—	—	—	1,229,454	20,190,185	7
13,048,235	62,965,447	9,002,161	15,451,759	12,261,814	543,293	114,617,099	8
—	10,426,644	218,445	1	1	104,092	10,766,633	9
1,416,330	4,800,812	315,818	1	135,867	2,652,842	9,630,712	10
5,862,312	8,981,803	641,418	1	25,430	562,738	16,245,521	11
6,579,100	32,995,927	592,278	1	332,167	5,701,689	47,337,397	12
1	240,393	—	—	—	1	254,644	13
2,537,909	1	1	—	1	—	4,101,782	14
912,142	455,238	138,844	—	1	180,830	1,756,431	15
1,453,879	2,085,926	2,827,735	—	1	—	7,641,954	16
1	—	—	—	—	656,066	1,472,024	17
11,489,739	50,519,863	—	1	—	1	62,054,808	18
1	4,786,735	—	—	—	1	5,883,093	19
34,156,617	6,032,474	1	—	—	1	40,405,377	20
560,982	12,363,689	—	—	—	19,013	40,287,359	21
1	2,493,358	—	1	—	—	12,924,671	22
16,266,731	6,783,708	383,938	111,433	4,855,458	268,542	2,761,900	23
—	—	—	—	—	6,673,291	—	
97,355,266	172,166,327	37,898,499	15,713,173	25,444,407	32,161,836	397,955,241	1
1	—	—	—	—	—	175,229	2
408,910	373,261	—	—	—	—	782,171	3
1,026,886	336,552	—	—	—	—	1,363,438	4
20,501,021	13,746,493	214,600	—	—	453,941	35,543,115	5
30,262,103	50,722,285	8,449,575	7,431,966	7,337,840	3,943,411	112,712,327	6
—	7,142,530	—	—	1	1	8,507,866	7
474,573	976,194	1	1	211,851	465,170	2,393,326	8
706,392	—	—	—	—	16,364,712	26,684,801	9
1,175,830	269,048	1	—	—	—	1,516,762	10
6,829,627	5,972,715	1,306,974	52,598	84,613	174,640	14,474,935	11
2,247,412	1,222,398	372,174	—	—	182,996	4,024,590	12
1	1	—	—	—	—	54,262	13
2,284,286	20,707,959	108,977	1	31,902	1	23,294,210	14
2,279,573	4,514,487	280,945	16,036	69,938	152,266	7,454,611	15
877,653	645,173	320,228	—	—	135,554	2,001,958	16
28,264,075	65,339,616	26,699,357	8,138,764	17,681,494	9,037,142	156,971,640	17
16,925	197,616	235,669	73,809	26,769	1,192,394	—	18
189,206,001	153,409,312	9,291,809	12,686	1,453,668	2,637,006	366,245,008	1
428,525	910,339	43,812	1	59,515	319,907	1,801,790	2
3,074,754	2,625,098	2,712,695	—	—	1	9,057,276	3
1	658,247	—	—	—	—	962,787	4
1	4,053,716	1	—	1	1	4,133,325	5
25,200,973	14,093,591	668,826	—	1	1	40,526,745	6

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

Group and Industry.		Prince Edward Island	Nova Scotia.	New Brunswick.
		\$	\$	\$
3.—Textiles and Textile Products—concluded.				
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, <i>n.e.s.</i>	—	—	—
12	Cotton thread	—	—	—
13	Cotton yarn and cloth	—	1	1
14	Dyeing and finishing of textiles	—	1	—
15	Flax, dressed	—	—	—
16	Furnishing goods, men's	—	1	1
17	Gloves and mittens fabric	—	—	—
18	Hats and caps	—	1	1
19	Hosiery and knitted goods	—	2,257,260	—
20	Miscellaneous textiles, <i>n.e.s.</i>	—	—	—
21	Oiled and waterproofed clothing	—	124,182	—
22	Silk and artificial silk	—	—	—
23	Woollen cloth	1	1	1
24	Woollen goods, <i>n.e.s.</i>	—	13,490	40,119
25	Woollen yarn	—	2,672,542	4,038,400
26	All other industries	109,213	—	—
4.—Wood and Paper Products		486,358	11,843,988	23,732,793
1	Beekeepers' and poultrymen's supplies	—	—	—
2	Blue printing	—	1	—
3	Boat building	—	93,745	50,292
4	Boxes and bags, paper	—	—	128,386
5	Boxes, wooden	1	192,773	234,662
6	Carrriages, wagons, and sleighs	2,064	6,939	45,943
7	Charcoal	—	1	—
8	Collins and caskets	1	—	—
9	Cooperage	—	309,299	67,091
10	Engraving, stereotyping, and electrotyping	—	40,109	23,168
11	Excelsior	—	1	—
12	Flooring, hardwood	—	—	1
13	Furniture	—	\$3,336	135,148
14	Fasts, trees, and shoe findings	—	—	—
15	Lithographing	—	1	—
16	Miscellaneous paper products	—	1	—
17	Miscellaneous wooden products	—	—	—
18	Planing mills, sash and door factories	80,847	745,602	616,993
19	Printing and bookbinding	29,235	287,718	276,266
20	Printing and publishing	109,656	1,924,313	1,043,993
21	Pulp and paper	—	4,838,595	15,130,679
22	Refrigerators, other than electric	—	—	—
23	Roofing paper, wallboard, etc.	—	—	1
24	Sawmills	118,138	2,049,412	4,720,350
25	Trade composition	—	—	—
26	Woodenware	—	201,332	1
27	Wood turning	—	—	—
28	All other industries	86,418	1,070,815	1,259,832
5.—Iron and Its Products		234,148	17,399,652	5,291,342
1	Agricultural implements	—	—	—
2	Aircraft	—	—	—
3	Automobiles	—	—	—
4	Automobile supplies	—	—	1
5	Bicycles	—	—	—
6	Boilers, tanks, and engines	—	444,062	—
7	Bridge and structural steel work	—	—	—
8	Castings and forgings	120,288	1,193,100	296,515
9	Hardware and tools	—	128,861	40,296
10	Heating and cooking apparatus	—	1	1,127,007
11	Iron and steel products, <i>n.e.s.</i>	—	—	—
12	Machinery	—	—	—
13	Primary iron and steel	—	10,108,447	—
14	Railway rolling-stock	—	2,513,046	—
15	Sheet metal products	1	1	148,449
16	Ship building and repairs	—	874,653	—
17	Wire and wire goods	—	1	—
18	All other industries	113,860	2,137,483	3,583,075

¹ Included with "All other industries".

by Provinces, Groups, and Individual Industries, 1936—continued.

Quebec.	Ontario.	Manitoba.	Saskatchewan.	Alberta.	British Columbia and Yukon.	Canada.	
\$	\$	\$	\$	\$	\$	\$	
35,919,769	16,933,879	2,409,306	1	155,102	639,440	56,118,773	6
1,744,152	231,433	-	-	-	-	1,975,585	7
1	5,497,196	-	-	-	1	6,543,198	8
2,480,499	1,916,642	-	-	-	-	4,397,141	9
385,410	1,154,262	-	-	-	136,100	1,675,772	10
2,442,831	1,285,226	-	-	-	-	3,728,057	11
2,632,289	1	-	-	-	-	3,411,208	12
45,534,135	16,160,857	-	-	-	-	65,635,365	13
1,328,633	2,238,762	-	-	-	-	3,568,362	14
1	97,317	-	-	-	-	175,750	15
11,474,423	8,392,423	2,542,589	-	938,063	649,691	24,625,015	16
231,963	364,532	1	-	-	1	637,154	17
5,623,518	5,834,148	472,797	-	1	73,855	12,373,810	18
15,199,088	30,810,103	359,054	-	70,430	332,794	49,469,140	19
8,064,182	2,387,167	-	-	-	1	8,450,515	20
505,048	646,296	-	-	-	-	1,275,526	21
19,685,667	7,245,154	-	-	-	-	26,930,821	22
5,444,957	15,560,110	1	-	-	160,018	21,010,301	23
2,075,550	4,248,714	-	-	-	1	6,546,010	24
1,189,777	8,857,243	-	-	-	-	10,100,629	25
540,458	1,206,857	82,730	12,686	230,558	1,325,201	548,353	26
155,079,459	197,789,360	15,215,753	3,911,525	7,759,076	81,285,464	497,103,666	
1	58,986	1	-	-	-	147,065	1
126,357	57,145	1	1	1	25,010	229,384	2
29,086	820,673	-	-	1	160,569	1,159,739	3
6,827,150	15,838,371	1,353,670	1	1	1,050,658	25,588,431	4
846,591	2,223,175	466,270	1	402,101	1,571,543	5,970,840	5
311,067	282,250	152,443	13,187	-	1	815,293	6
43,068	1	-	-	-	-	58,069	7
524,714	1,264,139	238,770	1	1	100,641	2,372,691	8
193,104	1,196,061	1	1	-	82,068	1,857,222	9
1,036,073	5,006,827	416,173	1	58,867	201,526	6,797,176	10
1	101,838	1	1	1	1	227,996	11
617,571	1,725,845	-	1	-	-	2,805,117	12
5,657,412	13,487,809	692,622	1	219,571	1,897,531	22,177,929	13
887,778	141,050	-	-	-	-	1,152,068	14
1,554,897	6,959,327	1	1	-	436,102	9,517,400	15
3,253,843	10,370,942	252,147	1	-	1,005,187	14,938,401	16
329,281	1,948,157	27,922	-	-	744,130	3,532,435	17
5,054,234	9,090,638	445,209	440,047	466,712	4,697,997	21,638,279	18
8,801,532	19,640,684	3,247,108	315,786	914,903	1,586,103	35,099,335	19
13,222,286	28,201,017	3,832,154	2,354,797	2,865,494	4,862,211	58,275,911	20
88,854,952	59,166,958	1	-	-	15,399,905	185,144,003	21
1	339,614	1	-	-	-	446,163	22
2,149,497	2,157,110	-	-	-	-	4,908,640	23
11,871,123	13,068,688	1,049,480	515,224	1,404,446	45,546,430	80,343,291	24
158,430	427,685	1	8,945	1	1	655,628	25
345,390	382,003	1	-	-	47,553	995,465	26
714,658	880,997	-	-	-	121,628	1,722,154	27
1,668,375	2,951,371	3,051,785	265,539	1,626,932	1,751,612	8,526,911	28
82,694,209	312,495,622	16,621,297	536,389	4,283,106	14,529,688	453,285,533	
169,264	15,385,517	376,244	-	-	-	15,957,460	1
1	654,759	-	-	-	-	1,347,894	2
1	103,751,229	1	-	-	1	105,350,035	3
130,183	32,752,442	105,592	-	127,846	252,755	33,378,508	4
1	1,501,866	-	-	-	-	1,501,866	5
1,821,884	5,391,003	1	1	-	567,965	8,305,860	6
2,911,721	5,041,367	1	-	1	-	11,913,918	7
7,253,738	19,716,937	636,534	155,515	513,036	1,126,221	31,011,884	8
5,505,831	11,589,304	-	-	-	320,763	17,791,055	9
1,995,342	9,690,161	-	-	-	162,085	13,032,554	10
1,071,208	2,295,765	1	-	-	79,601	4,136,099	11
11,524,968	28,532,769	612,120	1	91,230	501,021	41,447,473	12
5,074,845	30,019,258	1,160,667	-	-	227,865	46,636,892	13
26,154,991	10,617,280	10,916,608	-	2,985,060	-	56,969,453	14
10,007,204	23,626,382	632,134	212,412	234,202	5,028,004	39,994,151	15
2,486,971	1,092,743	1	-	-	1,439,949	6,241,054	16
4,989,741	9,839,840	1	-	-	1,038,832	18,369,397	17
1,586,418	-	1,581,398	168,462	331,732	3,584,727	-	18

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

Group and Industry.		Prince Edward Island.	Nova Scotia.	New Brunswick.
		\$	\$	\$
6.—Non-Ferrous Metal Products				
1	Aluminium products	—	51,071	499,710
2	Brass and copper products	—	1	1
3	Electrical apparatus and supplies	—	1	—
4	Jewellery and silverware	—	—	1
5	Miscellaneous non-ferrous metal products	—	—	—
6	Non-ferrous metal smelting and refining	—	—	—
7	White metal alloys	—	—	—
8	All other industries	—	51,071	499,710
7.—Non-Metallic Mineral Products		27,033	11,003,352	784,175
1	Abrasive products	—	1	—
2	Asbestos products	—	—	—
3	Cement	—	—	—
4	Cement products	—	1	1
5	Clay products, from domestic clay	—	355,254	102,256
6	Clay products, from imported clay	—	—	—
7	Coke and gas products	—	1	1
8	Glass products	—	—	1
9	Lime	—	1	128,016
10	Miscellaneous non-metallic mineral products	—	1	1
11	Petroleum products	—	1	1
12	Salt	—	1	—
13	Sand-lime brick	—	—	—
14	Stone, monumental and ornamental	1	98,681	52,541
15	All other industries	27,033	10,550,017	501,362
8.—Chemical and Allied Products		106,995	1,868,016	1,239,163
1	Acids, alkalies, and salts	—	1	—
2	Adhesives	—	—	—
3	Coal tar distillation	—	1	—
4	Explosives, ammunition, and fireworks	—	—	—
5	Fertilizers	—	1	828,608
6	Gases, compressed	—	1	—
7	Inks, printing and writing	—	—	1
8	Medicinal and pharmaceutical preparations	—	1	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	—	—	—
15	All other industries	106,995	1,868,016	460,555
9.—Miscellaneous Industries		—	241,644	485,704
1	Artificial flowers and feathers	—	—	—
2	Automobile accessories, fabric	—	—	—
3	Brooms, brushes, and mops	—	—	1
4	Buttons	—	—	—
5	Candles	—	—	—
6	Fountain pens and pencils	—	—	—
7	Ice, artificial	—	—	—
8	Jewel cases and silverware cabinets	—	—	—
9	Mattresses and springs	—	1	1
10	Motion pictures	—	—	—
11	Musical instruments	—	—	—
12	Novelties, advertising and other	—	—	—
13	Pipes, tobacco	—	—	—
14	Regalia and society emblems	—	—	—
15	Scientific and professional equipment	—	1	1
16	Signs, electric	—	—	—
17	Sporting goods	—	1	—
18	Stamps and stencils, rubber and metal	—	—	—
19	Statuary and art goods	—	—	—
20	Store display accessories	—	—	—
21	Toys and toy equipment	—	1	—
22	Typewriter supplies	—	—	—
23	Umbrellas	—	—	—
24	All other industries	—	241,644	485,704
Grand Totals		3,311,223	67,784,970	56,225,201

1 Included with "All other industries".

by Provinces, Groups, and Individual Industries, 1936—concluded.

Quebec.	Ontario.	Manitoba.	Saskat- chewan.	Alberta.	British Columbia and Yukon.	Canada.	
\$	\$	\$	\$	\$	\$	\$	
82,417,242	227,615,258	8,049,669	4,398,028	332,493	27,800,288	351,164,860	1
1,241,761	4,196,520	-	-	-	-	5,438,281	2
7,012,020	16,278,402	641,694	-	1	203,918	24,947,467	3
15,701,098	55,800,685	462,642	-	58,796	263,851	72,288,548	4
2,163,908	8,324,071	15,280	1	1	136,226	10,684,548	5
119,585	1,042,597	1	1	-	-	1,163,555	6
54,296,636	137,344,892	1	-	-	1	229,737,420	7
1,862,234	4,628,092	-	-	-	199,635	6,905,041	8
-	-	6,930,053	4,398,028	274,697	26,996,758	-	9
50,106,988	81,878,508	4,262,692	6,915,357	9,516,824	13,324,857	177,271,597	1
1	9,994,415	-	-	-	-	10,631,533	2
853,334	425,878	-	-	-	-	1,293,909	3
1	2,180,895	1	-	1	1	6,908,192	4
260,035	1,100,315	1	1	1	291,713	1,713,347	5
691,765	1,573,936	55,564	95,584	315,777	280,891	3,471,027	6
612,822	2,286,058	-	-	-	-	2,906,432	7
10,226,647	22,562,214	1,138,623	1	-	2,268,429	39,871,898	8
3,632,790	6,680,308	-	-	1	62,464	11,094,762	9
718,585	1,946,060	211,035	-	78,259	134,785	3,335,970	10
1,416,690	2,996,331	1	-	-	219,403	5,469,441	11
27,504,940	26,532,661	1,477,159	6,638,204	7,410,882	9,253,691	85,802,363	12
1	1,557,078	-	-	-	-	1,773,144	13
598,388	178,868	-	-	-	-	189,668	14
3,592,992	1,863,491	139,391	134,002	90,634	305,750	3,309,911	15
-	-	1,180,921	47,567	1,621,282	516,931	-	16
38,487,587	72,631,167	4,241,879	228,953	604,924	7,216,107	126,874,791	1
4,168,726	13,437,273	-	-	-	1,276,853	18,959,512	2
593,719	1,176,726	-	-	-	1	1,799,200	3
1	1,491,899	1	-	-	-	2,942,255	4
5,349,138	1	-	-	-	-	9,354,351	5
1,152,148	2,102,645	-	-	-	2,329,795	7,075,831	6
810,482	1,480,934	300,377	1	-	-	3,360,220	7
406,025	2,586,609	59,623	-	-	-	3,082,402	8
7,051,447	13,781,231	1,204,838	7,745	-	78,373	22,251,560	9
4,035,642	4,820,960	115,080	68,587	41,539	79,295	9,202,035	10
9,123,233	10,510,533	1,217,132	1	-	1,222,094	22,651,225	11
603,655	1,862,879	-	-	-	8,372	2,481,044	12
1,688,259	12,887,200	655,141	1	296,386	367,846	16,313,502	13
2,318,315	4,170,373	28,692	-	-	21,255	6,544,377	14
1	-	-	-	-	-	857,647	15
1,186,798	2,521,905	660,696	152,621	266,999	1,832,225	-	16
8,916,884	20,888,290	1,778,624	22,834	181,892	1,875,601	31,401,463	1
318,152	109,102	-	-	-	-	427,254	2
1	604,572	1	-	-	-	702,063	3
516,110	2,351,480	165,331	1	-	251,182	3,772,487	4
638,670	828,744	-	-	-	-	1,467,414	5
463,339	-	1	-	-	-	525,334	6
734,253	1,303,568	-	-	-	-	2,037,821	7
216,483	978,086	1	-	-	328,575	1,571,363	8
1	303,156	-	-	-	-	303,156	9
2,932,638	2,374,715	1,343,870	-	1	467,568	7,404,132	10
-	215,150	-	-	-	-	1,277,213	11
346,211	403,805	-	-	-	1	750,916	12
1	178,588	1	-	-	-	224,006	13
40,458	1	-	-	-	-	47,346	14
1	68,264	1	-	-	1	94,857	15
294,170	6,183,492	16,827	-	1	-	6,521,242	16
592,887	659,334	110,281	1	66,446	511,649	1,947,697	17
220,391	1,456,630	8,877	-	-	1	1,762,848	18
115,599	354,494	17,442	1	1	42,719	546,104	19
183,719	821,521	1	-	-	107,437	1,115,968	20
1	-	-	-	-	-	67,588	21
15,494	656,077	-	-	-	-	673,301	22
1	664,412	-	-	-	-	781,862	23
109,139	144,397	-	-	-	1	265,319	24
1,179,171	238,693	115,996	22,834	115,446	166,571	114,192	25
863,687,389	1,547,351,931	122,956,502	51,604,516	74,652,016	216,136,078	3,002,463,814	

Subsection 1.—The Manufactures of the Maritime Provinces, 1936.

Table 14 gives statistics of the leading industries in each of the Maritime Provinces in 1936. In Prince Edward Island the predominant fishery and agricultural resources make fish curing and packing, butter and cheese, and slaughtering and meat packing the leading manufactures of the province. Nova Scotia is renowned for its coal mines and its fisheries, but it has also extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron ore supply of Newfoundland. These resources give rise to its leading manufactures of primary iron and steel, fish curing and packing, pulp and paper, railway rolling-stock, and butter and cheese. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries, although manufactures of fish and agricultural products add to the varied output of the province.

14.—Statistics of the Leading Industries of Each of the Maritime Provinces, 1936.

PRINCE EDWARD ISLAND

Industry.	Estab-lish-ments.	Capital.	Em-ploy-ees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
1 Fish curing and packing.....	93	219,119	289	70,503	524,883	680,283
2 Butter and cheese.....	25	257,841	87	57,475	497,977	624,834
3 Slaughtering and meat packing...	3	151,435	50	37,085	371,626	444,988
4 Printing and publishing.....	4	266,483	99	82,732	21,889	169,656
5 Foods, stock and poultry.....	3	62,932	25	27,850	103,816	162,235
6 Flour and feed mills.....	12	66,579	15	6,331	97,630	139,662
7 Bread and other bakery products.	10	103,131	45	28,770	78,251	129,047
8 Castings and forgings.....	3	336,499	54	48,771	23,568	120,288
9 Sawmills.....	51	139,963	80	16,421	63,095	118,138
10 All other leading industries ²	3	133,285	50	32,262	246,445	313,693
Totals, Leading Industries.....	297	1,737,267	794	498,390	2,029,150	2,992,824
Totals, All Industries.....	233	2,394,532	996	553,098	2,200,028	3,311,223

NOVA SCOTIA

1 Primary iron and steel.....	6	20,112,270	1,996	2,553,168	5,154,383	10,108,447
2 Fish curing and packing.....	172	3,172,982	1,934	1,029,427	3,917,817	6,164,488
3 Pulp and paper.....	5	12,837,117	721	1,005,401	1,464,082	4,838,595
4 Railway rolling-stock.....	3	3,749,404	305	295,958	1,846,354	2,513,046
5 Butter and cheese.....	29	1,183,166	290	296,701	1,572,690	2,361,193
6 Hosiery and knitted goods.....	3	2,000,494	735	547,763	1,089,935	2,257,260
7 Biscuits, confectionery, cocoa, etc.	8	2,281,453	768	676,445	929,168	2,143,435
8 Sawmills.....	498	1,510,381	1,655	454,924	1,123,634	2,049,412
9 Printing and publishing.....	34	1,902,966	694	809,181	336,531	1,924,318
10 Bread and other bakery products.	73	698,221	366	257,570	744,244	1,321,063
11 Castings and forgings.....	10	1,821,267	468	486,488	407,025	1,193,100
12 All other leading industries ²	6	18,312,004	1,573	1,890,755	10,958,349	17,688,914
Totals, Leading Industries.....	847	69,581,705	11,595	10,363,781	29,544,212	54,563,866
Totals, All Industries.....	1,159	87,888,353	15,944	13,784,556	36,077,900	67,784,970

For footnotes see end of table on p. 45.

14.—Statistics of the Leading Industries of Each of the Maritime Provinces, 1936
—concluded.

NEW BRUNSWICK

Industry.	Estab- lish- ments.	Capital.	Em- ploy- ees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
1 Pulp and paper.....	6	35,563,508	2,379	2,823,931	5,871,548	15,130,679
2 Sawmills.....	279	4,798,932	2,326	1,060,541	2,537,452	4,720,350
3 Coffee, tea, and spices.....	5	1,426,777	191	164,131	2,487,774	3,408,448
4 Fish curing and packing.....	129	2,240,964	757	297,180	1,707,076	2,768,926
5 Biscuits, confectionery, cocoa, etc.	6	1,541,626	601	421,736	834,898	1,676,727
6 Butter and cheese.....	31	1,122,416	217	197,277	1,033,123	1,579,120
7 Slaughtering and meat packing...	7	510,938	161	157,499	1,139,483	1,287,466
8 Bread and other bakery products...	71	748,373	360	260,151	670,064	1,168,424
9 Heating and cooking apparatus...	3	1,413,271	405	414,802	363,832	1,127,007
10 Printing and publishing.....	24	1,327,489	401	500,521	154,504	1,043,983
11 All other leading industries ²	6	13,791,523	2,513	2,057,772	6,985,276	11,535,867
Totals, Leading Industries.....	567	64,485,817	10,311	8,975,541	23,785,630	45,446,997
Totals, All Industries.....	784	81,468,098	13,710	11,855,651	29,292,851	56,225,261

¹ Net value is derived from gross value by deducting costs of materials, fuel, and electricity. ² Individual statistics cannot be given because there are fewer than three establishments in each industry. Such industries are: in Prince Edward Island, cotton and jute bags, sheet metal products, and fertilizers; in Nova Scotia, sugar refineries, cotton yarn and cloth, wire and wire goods, coke and gas, and petroleum products; in New Brunswick, sugar refineries, railway rolling-stock, and cotton yarn and cloth.

Subsection 2.—The Manufactures of Quebec, 1936.

Among the assets of Quebec which have tended to develop manufacturing industries in the province, may be mentioned its natural resources of forests, water powers, minerals, and agricultural lands, and also its geographic position astride the St. Lawrence estuary permitting sea-going shipping to reach its main centres of population. Added to these natural advantages, there is a stable and industrious population, which is an important factor in industries such as textiles, clothing, boots and shoes, etc., where a large labour force is required.

The most notable change among the manufactures of Quebec in recent years has been the development of the non-ferrous metal smelting industry. This industry first appeared among the forty leading industries of the province in nineteenth place in 1927. It was in second place in 1935 and 1936. The petroleum-refining industry has also expanded and risen in importance during about the same period.

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 69 p.c., the value of railway rolling-stock 46 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.

15.—Statistics of the Leading Industries of the Province of Quebec, 1936.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
1 Pulp and paper.....	41	263,914,480	14,570	18,544,953	33,132,626	88,854,952
2 Non-ferrous metal smelting.....	4	27,917,462	1,452	2,029,032	38,861,842	54,296,636
3 Cotton yarn and cloth.....	14	46,843,842	11,603	9,172,969	26,855,843	45,534,135
4 Clothing, women's, factory.....	304	15,297,322	11,295	8,938,490	21,243,533	35,919,769
5 Tobacco, cigars, and cigarettes.....	57	50,042,412	6,325	5,978,367	17,176,641	34,156,617
6 Butter and cheese.....	1,213	15,721,628	4,588	3,362,006	23,244,433	30,262,103
7 Slaughtering and meat packing.....	33	10,170,742	1,952	2,177,097	23,833,917	28,264,075
8 Petroleum products.....	7	21,022,130	1,067	1,670,552	20,753,097	27,504,940
9 Railway rolling-stock.....	11	35,808,519	8,255	10,215,364	14,350,747	20,154,991
10 Clothing, men's, factory.....	123	11,305,982	5,697	5,141,792	14,646,828	25,200,973
11 Boots and shoes, leather.....	131	14,262,275	10,255	6,758,889	11,021,957	20,501,021
12 Silk and artificial silk.....	24	24,125,165	7,208	6,265,944	8,180,115	19,685,667
13 Bread and other bakery products.....	973	11,774,481	5,216	4,263,717	8,657,037	17,218,232
14 Electrical apparatus and supplies.....	29	20,753,954	4,200	5,131,330	6,638,899	15,701,098
15 Hosiery and knitted goods.....	53	14,910,764	6,235	4,493,683	7,430,443	15,199,088
16 Breweries.....	8	18,967,242	1,492	2,126,400	5,980,613	14,368,495
17 Printing and publishing.....	72	13,109,893	4,330	5,478,533	2,773,419	13,222,286
18 Flour and feed mills.....	233	6,295,888	770	821,138	10,411,167	13,048,235
19 Biscuits, confectionery, cocoa, etc.....	48	8,879,608	3,124	2,500,114	6,903,287	12,418,576
20 Sawmills.....	1,492	12,289,603	5,968	2,569,181	6,452,167	11,871,123
21 Machinery.....	36	19,600,145	3,391	4,072,211	4,580,848	11,524,968
22 Rubber goods, including footwear.....	13	11,172,954	3,331	2,716,089	4,110,062	11,489,739
23 Furnishing goods, men's.....	78	7,207,070	4,594	2,785,974	7,239,923	11,474,423
24 Coke and gas products.....	5	12,652,318	800	1,261,939	3,124,228	10,226,047
25 Sheet metal products.....	27	12,101,784	2,105	2,130,551	5,862,067	10,007,204
26 Paints, pigments, and varnishes.....	22	11,684,568	1,166	1,754,728	4,021,539	9,123,233
27 Printing and bookbinding.....	349	10,902,640	3,431	3,661,028	3,023,539	8,801,532
28 Castings and forgings.....	54	12,348,915	2,323	2,353,767	2,947,650	7,253,738
29 Aerated and mineral waters.....	128	5,636,028	1,318	1,337,170	2,197,511	7,225,856
30 Coffee, tea, and spices.....	21	2,868,357	515	589,504	4,920,556	7,130,039
31 Medicinal and pharmaceutical preparations.....	65	7,571,360	1,294	1,651,953	2,159,862	7,051,447
32 Brass and copper products.....	30	7,410,962	1,282	1,494,746	3,987,905	7,012,020
33 Fur goods.....	123	5,291,959	1,365	1,473,698	4,595,829	6,829,627
34 Boxes and bags, paper.....	37	6,615,274	1,752	1,502,066	3,629,522	6,827,150
35 Distilleries.....	5	10,775,547	684	708,033	1,319,738	6,785,879
36 Fruit and vegetable preparations.....	57	5,631,773	1,603	952,619	4,108,539	6,579,100
37 Miscellaneous textiles.....	8	8,977,738	1,019	1,246,749	2,740,784	6,064,182
38 Foods, miscellaneous.....	41	3,791,065	717	761,861	2,233,770	5,862,312
39 Furniture.....	99	6,522,613	2,503	1,914,309	2,218,103	5,557,412
40 Hats and caps.....	75	2,878,812	2,036	1,778,914	2,815,447	5,623,518
Totals, Forty² Leading Industries.....	6,143	815,115,274	152,829	143,787,460	380,995,573	707,933,038
Totals, All Industries.....	7,969	1,029,546,039	194,876	182,319,454	455,627,759	863,687,389
Percentage of forty leading industries to totals of all industries in the province.....	77.1	79.2	78.4	78.9	83.7	82.0

¹ See footnote 1 to Table 14.

² 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.

Subsection 3.—The Manufactures of Ontario, 1936.

Ontario is the most important manufacturing province of the Dominion. The gross value of its manufactured products in 1936 represented about 51·5 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 geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible, has resulted in a greater development of the iron and steel industries in this province than in any other. The province is endowed with a wide range of natural resources of forests, minerals, water powers, and agriculture. Its large population and central position in Canada, with excellent water and rail transportation facilities to other parts of the country, have encouraged industrial development. Other factors in this development have been its proximity to one of the most densely populated sections of the United States and the establishment within the province of branch factories of United States industries as in automobile manufacturing.

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 49 p.c. of the gross value of all products manufactured in the Dominion in 1933, had by 1936 increased the relative value to 51·5 p.c.

Outstanding among 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 1936, were as follows: agricultural implements, 96 p.c.; leather tanneries, 89 p.c.; rubber goods, 81 p.c.; furniture, 61 p.c.; fruit and vegetable canning, preserving, etc., 70 p.c.; electrical apparatus and supplies, 77 p.c.; castings and forgings, 64 p.c.; primary iron and steel, 64 p.c.; slaughtering and meat packing, 42 p.c.; flour and feed mills, 55 p.c.; hosiery and knitted goods, 62 p.c.

16.—Statistics of the Leading Industries of the Province of Ontario, 1936.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries- and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
1 Non-ferrous metal smelting.....	8	82,614,689	5,323	7,722,117	87,646,185	137,344,892
2 Automobiles.....	11	45,204,693	12,053	17,748,655	70,199,196	103,751,229
3 Slaughtering and meat packing...	60	28,277,962	4,619	5,742,655	51,501,439	65,339,610
4 Flour mills.....	637	25,788,874	3,013	2,690,904	50,340,695	62,965,447
5 Pulp and paper.....	34	170,720,720	9,145	13,185,738	25,407,091	59,166,958
6 Electrical apparatus and supplies.	134	58,400,322	12,029	14,132,231	23,501,825	55,800,685
7 Butter and cheese.....	983	26,591,699	7,091	7,097,301	35,952,151	50,722,285
8 Rubber goods.....	34	53,384,026	8,523	9,216,801	19,474,037	50,519,863
9 Fruit and vegetable preparations.	153	29,931,437	5,521	3,768,366	18,765,112	32,995,927
10 Automobile supplies.....	62	24,200,414	6,625	7,529,651	18,215,008	32,752,442
11 Bread and other bakery products.	1,271	21,857,920	9,641	9,287,758	15,255,916	32,266,097
12 Hosiery and knitted goods.....	96	33,111,447	11,949	9,732,147	15,239,635	30,810,103
13 Primary iron and steel.....	25	57,527,056	6,686	8,720,512	13,854,120	30,019,258
14 Machinery.....	150	39,039,620	6,442	7,704,223	10,734,594	28,532,769
15 Printing and publishing.....	293	23,467,197	7,618	11,171,917	6,330,770	28,201,017
16 Petroleum products.....	14	20,861,503	2,064	2,917,761	21,729,194	26,532,661
17 Biscuits, confectionery, cocoa, etc.	85	24,017,831	5,724	5,691,637	11,791,672	26,090,054
18 Sheet metal products.....	75	27,549,181	4,366	4,844,093	12,680,566	23,626,382
19 Coke and gas products.....	22	53,385,545	2,449	3,407,555	9,942,259	22,562,214
20 Leather tanneries.....	32	20,996,236	3,662	3,690,195	13,594,035	20,707,050
21 Castings and forgings.....	119	26,415,107	6,407	7,033,101	7,414,069	19,716,937
22 Printing and bookbinding.....	553	22,081,676	6,597	7,830,872	7,220,375	19,640,684
23 Breweries.....	29	19,334,238	1,887	2,629,085	5,764,108	17,960,108
24 Clothing, women's, factory.....	232	8,442,908	6,323	5,347,291	9,450,696	16,933,879
25 Brass and copper products.....	79	13,903,586	2,835	3,309,717	9,542,484	16,278,402
26 Cotton yarn and cloth.....	16	17,850,530	4,985	3,995,115	8,305,833	16,160,857
27 Boxes and bags, paper.....	81	11,853,419	3,544	3,616,500	9,110,879	15,338,371
28 Woollen cloth.....	35	14,938,009	4,661	4,082,595	8,296,809	15,560,110
29 Agricultural implements.....	26	55,285,112	5,294	5,850,840	6,957,063	15,385,517
30 Clothing, men's, factory.....	50	6,520,322	4,424	4,763,996	7,342,541	14,093,591
31 Medicinal and pharmaceutical preparations.....	86	11,883,508	2,350	2,924,191	4,727,552	13,781,231
32 Boots and shoes, leather.....	70	9,679,819	5,217	4,476,010	7,120,152	13,746,493
33 Furniture.....	220	17,547,291	6,001	5,179,916	5,673,173	13,487,809
34 Acids, alkalies, and salts.....	12	19,537,744	1,715	2,396,157	3,107,967	13,437,273
35 Sawmills.....	710	18,405,850	4,785	3,052,108	6,944,322	13,068,088
36 Soaps and washing compounds.....	47	8,399,857	1,413	1,820,754	7,585,923	12,887,200
37 Tobacco processing and packing...	8	5,523,051	1,459	1,057,755	10,472,145	12,363,689
38 Distilleries.....	8	22,530,977	1,049	1,295,526	2,916,006	12,180,852
39 Railway rolling-stock.....	15	19,311,141	3,003	3,585,217	6,210,141	11,617,280
40 Hardware and tools.....	103	18,919,445	3,932	4,206,181	3,841,213	11,599,304
Totals, Forty Leading Industries		6,678,125,291,962	212,624	234,445,264	670,531,051	1,216,436,133
Totals, All Industries.....		9,753,158,484,130	288,992	314,872,843	822,884,081	1,547,551,931
Percentages of forty leading industries to totals of all industries..	68.5	76.5	73.9	74.5	81.5	78.6

¹ See footnote 1, Table 14.

Subsection 4.—The Manufactures of the Prairie Provinces, 1936.

The leading industries of these provinces are those based on their agricultural resources—their grain-growing, cattle-raising, and dairying areas. Next in importance, generally, are industries serving the resident population such as bread and baking, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock. The widespread use of motor vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests, and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the three provinces as an economic group, slaughtering and meat packing had the largest gross production in 1936, amounting to \$52,500,000, followed

by flour milling with \$36,700,000, and butter and cheese with \$23,200,000. These three industries for the processing of the agricultural products of the provinces accounted for 45 p.c. of their total manufacturing production.

17.—Statistics of the Leading Industries of Manitoba, Saskatchewan, and Alberta, 1936.

MANITOBA.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
No.		\$	No.	\$	\$	\$
1 Slaughtering and meat packing...	8	8,645,295	1,713	2,184,434	21,188,926	26,699,357
2 Railway rolling-stock.....	4	13,878,759	4,475	5,111,843	5,363,231	10,916,608
3 Flour mills.....	41	5,244,412	524	515,865	7,444,391	9,002,161
4 Butter and cheese.....	80	5,502,354	1,124	1,430,742	5,547,556	8,449,575
5 Printing and publishing.....	81	3,695,721	1,112	1,584,293	624,805	3,832,154
6 Bread and other bakery products.	136	3,014,512	1,064	944,588	1,625,189	3,291,015
7 Printing and bookbinding.....	80	3,878,441	1,157	1,379,435	1,089,763	3,247,108
8 Malt and malt products.....	4	4,288,746	119	203,628	1,902,482	2,827,735
9 Bags, cotton and jute.....	5	1,842,579	221	263,137	2,131,057	2,712,695
10 Furnishing goods, men's.....	14	1,270,107	898	668,338	1,600,019	2,542,589
11 Clothing, women's factory.....	23	946,886	954	717,543	1,539,183	2,409,306
12 Coffee, tea, and spices.....	9	1,533,798	144	163,377	1,824,107	2,385,899
13 Breweries.....	6	2,967,044	335	452,018	604,038	2,308,510
14 Biscuits, confectionery, cocoa, etc.	16	1,785,546	484	364,153	912,312	1,002,327
15 Petroleum products.....	4	497,039	68	74,378	951,886	1,477,159
16 Boxes and bags, paper.....	7	1,174,894	260	290,454	770,566	1,353,670
17 Mattresses and springs.....	4	1,184,829	328	346,990	698,238	1,343,870
18 Fur goods.....	34	1,071,869	392	339,301	813,297	1,306,974
19 Aerated and mineral waters.....	17	657,809	198	236,034	391,374	1,251,891
20 Paints, pigments, and varnishes.....	5	1,716,280	203	234,760	657,943	1,217,132
21 Medicinal and pharmaceutical preparations.....	7	1,025,458	141	143,778	449,858	1,204,838
22 Primary iron and steel.....	4	1,465,671	327	409,900	363,138	1,160,667
23 Coke and gas products.....	3	5,660,947	175	216,409	463,502	1,138,623
24 Sawmills.....	92	1,164,000	438	261,789	374,872	1,049,480
Totals, Leading Industries².....	684	74,119,596	16,851	18,536,617	59,337,733	95,631,343
Totals, All Industries.....	1,011	118,515,841	22,567	24,496,299	74,371,078	122,650,502

SASKATCHEWAN.

1 Flour and feed mills.....	68	15,060,056	550	637,682	11,530,744	15,451,759
2 Slaughtering and meat packing...	6	2,886,188	748	791,987	6,987,579	8,138,764
3 Butter and cheese.....	73	3,659,445	871	943,833	5,067,854	7,431,966
4 Petroleum products.....	18	4,853,294	466	606,919	5,246,588	6,638,204
5 Printing and publishing.....	125	2,367,532	852	1,099,554	443,276	2,354,797
6 Breweries.....	7	2,706,558	202	277,472	674,192	1,920,678
7 Bread and other bakery products.	134	1,950,244	559	451,811	973,087	1,883,899
8 Sawmills.....	93	529,270	387	133,092	215,917	515,224
9 Planing mills.....	18	905,871	174	131,067	231,589	440,047
10 Aerated and mineral waters.....	18	402,705	85	92,295	158,600	434,722
Totals, Leading Industries².....	560	35,327,169	4,894	5,165,712	31,516,026	45,210,666
Totals, All Industries.....	694	42,655,557	5,782	6,613,378	33,311,132	51,601,510

ALBERTA.

1 Slaughtering and meat packing...	10	6,539,806	1,734	1,893,732	14,129,786	17,681,494
2 Flour mills.....	81	8,320,043	672	740,866	9,332,962	12,261,814
3 Petroleum products.....	12	5,260,904	488	721,058	5,646,597	7,416,882
4 Butter and cheese.....	104	4,470,216	868	917,699	5,404,321	7,337,840
5 Railway rolling-stock.....	3	6,819,310	1,489	1,625,293	1,255,230	2,985,060
6 Bread and other bakery products.	149	2,124,327	718	655,264	1,427,691	2,716,971
7 Breweries.....	5	4,245,034	227	376,055	926,339	2,671,134
8 Printing and publishing.....	83	2,936,508	802	1,094,899	441,391	2,665,494
9 Sawmills.....	178	1,504,916	920	438,039	538,878	3,404,446
10 All other leading industries ²	5	8,580,609	646	652,519	3,736,337	5,941,018
Totals, Leading Industries.....	630	50,961,623	8,564	9,115,421	42,833,532	63,078,153
Totals, All Industries.....	965	70,324,578	11,756	12,328,471	47,681,929	74,652,010

¹ See footnote 1 to Table 14.

² Other leading industries, individual statistics of which cannot be given because there are fewer than three establishments in each industry, are: Manitoba, pulp and paper and non-ferrous metal smelting and refining; Saskatchewan, non-ferrous metal smelting and refining; 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".

Subsection 5.—The Manufactures of British Columbia,* 1936.

British Columbia was, in 1936, the third most important manufacturing province in the Dominion with 7.2 p.c. of the total production. The rich forests have given the wood industries a pre-eminence in the province. Sawmilling, in 1936, accounted for 21 p.c. of the manufacturing production of the province and for nearly 57 p.c. of the total value of sawmill output in the Dominion. Further emphasising the importance of the forests in the industrial life of the province, the pulp and paper industry ranked third. Second in importance was fish curing and packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 61 p.c. of the total production of this industry in Canada. The varied resources of the province and its position on the Pacific coast have resulted in a good deal of diversification in its manufactures.

*Includes Yukon.

18.—Statistics of the Leading Industries of British Columbia and Yukon, 1936.

Industry.	Estab-lish-ments.	Capital.	Em-ploy-ees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
1 Sawmills	245	37,860,820	12,227	13,350,883	25,348,519	45,546,430
2 Fish curing and packing	91	12,531,513	1,747	1,777,843	9,793,993	16,364,712
3 Pulp and paper	6	46,048,509	2,932	4,083,308	5,528,256	15,396,905
4 Petroleum products	6	5,553,666	408	660,333	7,101,835	9,253,691
5 Slaughtering and meat packing	12	4,538,562	774	912,783	7,404,345	9,037,142
6 Fruit and vegetable preparations	52	4,323,069	1,356	947,884	3,413,775	5,701,689
7 Bread and other bakery products	284	3,831,273	1,629	1,553,943	2,692,629	5,563,089
8 Sheet metal products	14	7,245,667	473	558,960	3,279,109	5,028,004
9 Printing and publishing	73	4,199,507	1,469	2,214,089	840,968	4,862,211
10 Coffee, tea, and spices	10	1,589,403	265	280,404	3,522,225	4,712,162
11 Flaming mills	51	3,189,707	1,345	1,181,035	2,415,006	4,697,997
12 Butter and cheese	35	1,692,810	409	469,216	2,663,267	3,943,411
13 Breweries	11	6,621,765	310	474,225	1,192,524	3,825,488
14 Foods, stock and poultry	27	1,525,897	217	238,554	2,002,244	2,652,842
15 Fertilizers	3	10,416,468	391	630,028	1,652,667	2,329,795
16 Coke and gas products	5	12,263,119	292	393,824	607,154	2,268,429
17 Furniture	53	1,486,068	707	646,413	817,128	1,897,531
18 Printing and bookbinding	101	2,051,825	616	725,977	533,961	1,586,103
19 Boxes, wooden	20	1,493,408	527	511,121	849,968	1,571,543
20 Shipbuilding	15	6,453,800	596	766,120	329,704	1,459,849
21 Acids, alkalies, and salts	3	1,109,828	193	313,920	33,663	1,276,853
22 Distilleries	3	4,681,080	235	300,139	507,633	1,229,454
23 Biscuits, confectionery, cocoas, etc.	30	909,261	361	333,628	558,857	1,224,639
24 Paints, pigments, and varnishes	9	1,585,791	179	229,154	563,145	1,222,094
25 Castings and forgings	28	1,648,043	442	518,531	295,175	1,126,221
26 Boxes and bags, paper	9	729,017	185	220,941	522,820	1,050,658
27 Wire and wire goods	8	1,352,373	131	161,982	615,369	1,038,832
28 Miscellaneous paper products	7	868,220	145	150,087	638,269	1,005,187
29 All other leading industries ²	12	38,926,639	4,164	5,731,368	27,064,017	40,622,419
Totals, Leading Industries	1,223	226,727,108	34,725	40,310,693	112,788,227	197,455,380
Totals, All Industries	1,693	250,686,493	39,796	45,854,371	121,362,118	216,136,078
Percentages of leading industries to totals of all industries	72.2	90.4	87.3	88.0	92.9	91.4

¹ See footnote 1 to Table 14.

² Includes other leading industries, statistics of which cannot be published, because there are fewer than three establishments in each industry. Such industries are: condensed milk, sugar refineries, wood preservation, non-ferrous metal smelting and refining, bridge and structural steel, and explosives, ammunition, and fireworks.

Section 4.—Principal Factors in Manufacturing Production.

Subsection 1.—Capital Employed.

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century 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 1936 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was \$3,271,000,000 as compared with \$2,334,000,000 in 1917, an increase of 40 p.c. in 19 years, while wholesale prices have declined about 35 p.c. in the same period.

Wood and paper products was the leading group in 1936. Next in importance were the iron and its products and the vegetable products groups. It is interesting to note that in the case of the wood, iron, non-metallic mineral, and chemical groups the capital exceeded the gross value of products, while in the remaining groups the reverse was the case. These remaining groups, however, had relatively high material costs. By a comparison with Table 25, the non-metallic mineral group had the largest capital per wage-earner and also paid the highest average wage, but this relationship does not hold good in the case of all groups.

The statistics of capital employed in the manufacturing industries are of interest in deducing the proportions of fixed and liquid assets. In 1924, land, buildings, machinery, and tools constituted 59 p.c. of the total capital; in 1929 the proportion was still 59 p.c.; in 1933 it was 66 p.c.; but in 1936 it had declined again to 63 p.c. The fixed assets amounted to \$2,062,000,000 in 1936, while current assets, including inventories of raw materials and finished products, bills and accounts receivable, cash, and sundries, were valued at \$1,210,000,000. 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 1917-36

NOTE.—Figures have been revised since publication of the 1935 report. See headings to Table 1, p. 7.

Province or Group.	1917.	1920.	1926.	1929.	1933.	1935.	1936.
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
PROVINCE.							
Prince Edward Island	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nova Scotia	5.3	4.6	3.3	3.0	2.8	2.7	2.7
New Brunswick	2.6	3.5	2.6	2.3	2.7	2.6	2.5
Quebec	28.4	30.1	30.2	31.1	31.6	31.5	31.5
Ontario	49.6	50.1	50.4	49.6	48.4	48.0	48.5
Manitoba	3.6	3.2	2.7	3.0	3.1	3.6	3.6
Saskatchewan	1.0	0.8	0.8	1.1	1.2	1.2	1.3
Alberta	2.1	1.6	1.8	2.0	2.1	2.1	2.1
British Columbia and Yukon	7.3	6.0	8.1	7.8	8.0	8.2	7.7
Totals	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP.							
Vegetable products	12.0	13.7	14.3	14.5	15.9	15.8	16.0
Animal products	8.9	7.6	7.0	6.1	6.2	6.6	6.8
Textiles and textile products	8.2	10.4	9.4	9.0	9.1	9.5	9.7
Wood and paper products	23.0	26.5	28.9	28.8	27.2	27.1	26.8
Iron and its products	29.8	24.8	20.4	20.6	18.8	18.2	18.4
Non-ferrous metal products	3.0	3.7	6.3	7.5	8.1	8.1	8.1
Non-metallic mineral products	6.2	7.4	7.8	7.9	9.0	9.0	8.6
Chemicals and allied products	7.5	4.2	4.2	4.1	4.7	4.6	4.5
Miscellaneous industries	1.4	1.7	1.7	1.5	1.0	1.1	1.1

20.—Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Groups of Industries, 1936, and Totals for Representative Years 1924-35.

NOTE.—Figures have been revised since publication of the 1935 report. See headnote to Table 1, p. 7.

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, 1924	20,709	1,717,122,081	658,360,145	519,834,982	2,895,317,508
Totals, 1926	21,301	1,905,620,436	707,413,136	595,037,625	3,208,071,197
Totals, 1927	21,501	2,043,427,886	751,983,995	656,113,648	3,451,525,529
Totals, 1929	22,216	2,356,913,335	867,689,319	780,289,355	4,004,892,009
Totals, 1930	22,618	2,479,137,784	837,517,995	721,044,696	4,041,030,475
Totals, 1931	23,083	2,343,876,260	710,212,778	651,582,855	3,705,701,893
Totals, 1932	23,402	2,218,729,234	597,939,060	563,807,215	3,380,475,509
Totals, 1933	23,780	2,151,091,557	573,587,617	551,380,661	3,275,959,835
Totals, 1934	24,209	2,109,729,523	598,110,478	511,508,863	3,219,348,864
Totals, 1935	24,034	2,080,221,792	610,814,942	525,366,393	3,216,403,127
PROVINCE.					
Prince Edward Island	233	1,500,390	403,596	490,546	2,394,532
Nova Scotia	1,158	59,647,988	16,407,852	11,832,513	87,888,353
New Brunswick	784	58,511,562	12,987,359	9,969,177	81,468,098
Quebec	7,969	678,213,291	189,435,373	161,897,373	1,029,546,039
Ontario	9,753	959,016,420	332,756,305	296,711,405	1,588,484,130
Manitoba	1,011	79,176,137	23,804,517	15,535,187	118,515,841
Saskatchewan	694	21,523,510	10,073,974	10,458,073	42,055,557
Alberta	905	45,389,672	16,454,328	8,380,578	70,224,578
British Columbia and Yukon	1,695	158,631,288	49,448,153	42,606,902	250,686,403
Totals, 1936	21,202	2,061,610,260	651,771,457	557,881,814	3,271,263,531
INDUSTRIAL GROUP.					
Vegetable products	5,824	265,910,192	148,664,233	109,590,068	524,164,493
Animal products	4,433	125,729,983	57,755,584	38,814,277	222,299,844
Textiles and textile products	1,879	170,593,142	79,832,950	65,846,911	316,273,003
Wood and paper products	8,175	665,902,485	99,774,423	108,915,973	874,592,781
Iron and its products	1,317	359,338,705	121,599,999	119,485,618	600,424,322
Non-ferrous metal products	512	160,515,825	54,880,171	50,926,078	266,322,074
Non-metallic mineral products	803	210,581,667	48,489,570	23,535,298	282,596,535
Chemicals and allied products	745	84,938,489	32,381,501	30,344,543	147,664,533
Miscellaneous industries	514	18,099,772	8,393,126	10,433,048	36,925,946

Subsection 2.—Employment in Manufactures.

The total number of persons engaged in those manufacturing industries of Canada for which statistics were obtained in 1936 was 594,359, as compared with 468,658 in the same industries in 1933 and 666,531 in 1929. The 1936 employees included 104,417 salaried employees, this figure being obtained from the manufacturers at the end of the year, and 489,942 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 were 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. 17 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. 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 has increased by 40 p.c. from 1917 to 1936, compared with a decrease of 9.5 p.c. in wage-earners, while the horse-power used per wage-earner has increased from about 3 in 1917 to 9 in 1936. The factor of better organization is not susceptible of measurement. However, salaried employees have increased 61 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 65.1 p.c. in the volume of production per wage-earner and a smaller increase of 52.4 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 the elimination of less competent workers 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.

21. Salaried Employees and Wage-Earners in the Manufacturing Industries of Canada, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1917-36.

NOTE.—Figures in this table have been revised since publication of the 1935 report. See headnote to Table 1, p. 7.

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 Employees.		Per Wage-Earner.	Per Employee.
	No.	No.	No.	p.c.	p.c.			
1917	64 918	541 605	606 523	100.0	100.0	100.0	100.0	100.0
1918	66 137	536 042	602 179	99.0	99.3	102.0	103.0	102.7
1919	76 473	517 593	594 066	95.6	97.9	98.1	102.6	100.2
1920	78 334	520 559	598 893	96.1	98.7	95.0	98.0	96.3
1921	70 253	375 109	445 362	69.2	73.4	86.1	124.4	117.3
1922	71 586	384 670	456 256	71.0	75.2	96.0	135.4	127.7
1923	73 374	432 829	506 203	79.9	83.5	104.8	131.3	125.5
1924	70 020	417 590	487 610	77.1	80.4	102.9	133.5	128.0
1925	71 275	451 649	522 924	83.4	86.2	112.7	135.1	130.7
1926	75 337	483 824	559 161	89.3	92.2	128.1	143.4	138.9
1927	78 860	516 192	595 052	95.3	98.1	136.5	143.2	139.1
1928	84 147	547 282	631 429	101.0	104.1	148.8	147.3	142.9
1929	88 841	577 690	666 531	106.7	109.9	157.5	147.6	143.3
1930	84 711	529 985	614 696	97.9	101.3	142.8	145.9	141.0
1931	91 491	437 149	528 640	80.7	87.2	124.1	153.8	142.3
1932	87 050	381 783	468 833	70.5	77.3	105.0	148.9	135.8
1933	86 636	382 022	468 658	70.5	77.3	105.1	149.1	136.0
1934	92 095	427 717	519 812	79.0	85.7	123.7	156.6	144.3
1935	97 930	458 734	556 664	84.7	91.8	136.4	161.0	148.6
1936	104 417	489 942	594 359	90.5	98.0	149.4	165.1	152.4

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. 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 The apparent increase in the number of salaried employees in 1931, at a time when the total number of employees decreased, is due to the following changes in method: (a) Working proprietors, such as bakers, sawmill and feed-mill operators, were classed as salaried employees instead of wage-earners, as formerly had been the case; (b) Travelling salesmen who were attached to the plant and devoted all or the greater part of their time to selling the products of that plant were included with salaried employees. Prior to this they were not reported at all.

Distribution of Employees in 1936.—The percentages, by provinces and industrial groups, of employees on salaries and on wages are shown for 1936 in Table 22. The actual numbers upon which these percentages are based appear in Table 25. Interesting comparisons may be made with the distribution of capital appearing in Tables 19 and 20 and with that of values produced shown in Tables 2 and 3. In 1936, the 24,202 establishments covered, employed 104,417 salaried employees and 489,942 wage-earners, a total of 594,359 persons. Out of every 1,000 persons employed in manufacturing, 176 were classed as salary earners and 824 as wage-earners; the former earned 28.3 p.c. and the latter 71.7 p.c. of the total amount paid out as remuneration for services.

Ontario had a lower percentage of salaried employees and a lower percentage of wage-earners than its proportion of gross production (51.5 p.c.) or of net production (53.2 p.c.). In Quebec, on the other hand, the percentages of both salaried and wage-earning employees were higher than the proportions of gross (28.7 p.c.) and net (29.3 p.c.) production. The percentages of salaries were relatively high in both Ontario and Quebec, as these provinces contain the head offices of many large corporations with their salaried executives. In Ontario the percentage of female salaried employees was higher than that of the male, i.e., it had a larger proportion of females among its salaried employees than the other provinces. The same was true of Quebec with regard to the wage-earners, due, no doubt, to the textile industries of Quebec.

The proportion of salaried employees was relatively high in the wood and paper group, while the proportion of wage-earning employees was high in the textile and the iron groups. The proportion of females to males among both salaried and wage-earning employees was high in the textile group. The vegetable products group also had a high proportion of female wage-earners, while the wood and paper, iron, and non-metallic mineral groups had very low proportions. It is of interest to note that out of every 1,000 wage-earners in the textile industries 541 were females, while in all the other groups 141 were females. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that out of all female wage-earners engaged in the manufacturing industries of Canada, 50.4 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, 1936.

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.	
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
PROVINCE.								
Prince Edward Island	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1
Nova Scotia	2.0	1.8	2.0	1.6	3.1	2.0	2.8	2.5
New Brunswick	1.8	1.6	1.7	1.6	2.6	1.7	2.4	2.1
Quebec	31.8	27.8	30.9	30.4	30.4	42.7	33.2	29.5
Ontario	49.5	57.9	51.3	53.1	48.5	46.5	48.1	50.8
Manitoba	4.2	3.5	4.1	3.9	4.0	2.9	3.7	4.0
Saskatchewan	1.9	1.1	1.7	1.3	1.0	0.3	0.8	0.8
Alberta	2.7	1.8	2.5	2.2	2.2	0.9	1.9	2.0
British Columbia and Yukon	5.9	4.3	5.6	5.8	8.1	2.8	6.9	8.2
Totals	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP.								
Vegetable products	17.0	15.2	16.6	16.0	12.8	19.0	14.2	12.9
Animal products	12.5	9.3	11.8	9.5	10.6	10.0	10.5	9.4
Textiles and textile products	10.5	17.0	11.9	12.5	12.4	50.4	20.9	16.7
Wood and paper products	25.4	22.1	24.7	23.7	25.6	8.7	21.8	22.8
Iron and its products	15.2	13.8	14.9	16.5	23.3	2.9	18.7	22.4
Non-ferrous metal products	6.8	7.7	7.0	7.8	6.6	4.0	6.1	7.2
Non-metallic mineral products	4.2	3.6	4.1	4.3	4.5	0.5	3.6	4.3
Chemicals and allied products	6.4	8.6	6.9	7.5	2.6	2.6	2.6	2.8
Miscellaneous industries	2.0	2.7	2.1	2.2	1.6	1.9	1.6	1.5

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 1936 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 575,693 wage-earners were on the payrolls. This compared with the peak month in 1933 of 410,954 wage-earners, 440,664 in 1934, 476,961 in 1935, and 511,072 in 1936. 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 1922-36.

NOTE.—Figures in this table have been revised since publication of the 1935 report. See headnote to Tables 1, p. 7.

TOTAL WAGE-EARNERS.

Month.	1922.	1926.	1929.	1933.	1934.	1935.	1936.
January.....	324,257	417,469	502,644	340,027	377,227	406,437	448,706
February.....	336,729	430,469	519,423	347,777	394,005	422,089	458,114
March.....	349,110	444,597	536,865	355,888	407,421	431,375	468,053
April.....	360,248	457,680	555,711	358,759	418,289	441,289	477,860
May.....	382,504	478,541	574,905	377,659	439,981	459,239	496,874
June.....	393,935	491,858	575,693	392,196	444,151	465,724	500,829
July.....	391,186	494,467	573,554	393,464	432,515	462,567	497,840
August.....	389,511	489,367	567,022	402,249	435,377	463,092	499,134
September.....	392,423	490,115	564,795	410,854	440,664	476,961	511,072
October.....	385,262	486,996	553,338	405,757	434,800	476,715	507,922
November.....	378,992	467,936	527,213	396,384	424,817	467,502	497,313
December.....	367,724	449,342	499,893	380,612	409,253	452,139	486,116

WAGE-EARNERS BY SEX.

Month.	1922.		1929.		1933.		1935.		1936.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
January.....	243,682	80,575	397,459	105,185	257,445	82,582	312,201	94,236	348,703	100,003
February.....	253,178	83,551	410,865	108,558	260,728	87,049	323,859	98,230	354,513	103,601
March.....	263,849	85,261	426,713	110,153	267,259	88,629	331,753	99,622	363,250	104,803
April.....	274,821	85,427	443,569	112,142	271,348	87,411	341,076	100,213	372,777	105,083
May.....	294,095	88,409	459,781	115,122	285,705	91,954	354,659	104,580	387,636	109,238
June.....	304,395	89,540	460,294	115,399	296,937	95,259	360,714	105,010	391,998	108,831
July.....	304,020	87,166	459,051	114,503	300,329	93,135	361,267	101,300	392,594	105,246
August.....	301,234	88,277	449,721	117,301	302,969	99,280	355,933	107,159	387,892	111,242
September.....	298,918	93,505	441,510	123,286	304,908	106,046	359,940	117,021	389,444	121,628
October.....	291,973	93,289	432,576	120,762	301,315	104,442	362,203	114,512	388,681	119,241
November.....	286,511	92,481	412,114	115,099	294,945	101,439	355,846	111,656	381,687	115,626
December.....	277,854	89,870	391,903	107,690	285,690	94,922	346,939	105,200	376,457	109,659

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 1936 and in detail by provinces, industrial groups and in the forty leading industries for 1936 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.

24.—Wage-Earners Working Specified Numbers of Hours in the Month of Highest Employment from 1932 to 1935 and in Detail by Provinces, Groups, and the Forty Leading Industries, 1936.

NOTE.—These are the regular hours worked per week and do not, therefore, include overtime. Totals for years prior to 1936 have been revised since publication of the 1935 report.

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.	Total Number of Wage- Earners.	Average Hours Worked per Week
Totals,¹ 1932	78,223	9,593	65,063	31,193	81,894	67,823	14,438	30,095	39,817	18,131	62,296	498,569	48.9
Totals,¹ 1933	82,896	9,571	63,594	33,633	75,358	66,310	15,764	28,770	44,465	14,150	59,158	493,273	48.7
Totals,¹ 1934	70,736	9,814	69,217	38,805	95,669	71,997	16,562	34,320	46,437	21,938	64,659	530,354	49.2
Totals,¹ 1935	72,528	11,448	78,561	44,672	130,840	62,328	19,100	25,935	42,261	21,068	59,712	568,446	48.7
PROVINCE.													
Prince Edward Island.....	150	43	172	39	574	40	41	131	81	38	528	1,637	52.3
Nova Scotia.....	1,330	211	926	1,589	3,882	1,266	640	2,313	685	2,508	3,630	18,980	52.1
New Brunswick.....	1,776	222	453	843	3,938	2,072	542	1,865	166	1,496	4,083	17,156	52.3
Quebec.....	21,749	3,693	22,492	13,226	38,802	20,495	7,469	6,487	27,405	7,843	27,810	197,451	50.1
Ontario.....	34,274	5,551	40,850	32,552	61,384	41,633	8,165	13,823	14,626	10,332	23,709	280,899	48.3
Manitoba.....	5,742	1,208	5,039	1,078	3,761	1,149	475	507	231	381	1,528	21,099	44.9
Saskatchewan.....	531	96	631	120	1,383	213	274	365	28	120	964	4,725	50.3
Alberta.....	2,155	185	1,763	485	3,306	447	182	1,402	47	122	1,349	11,443	47.7
British Columbia and Yukon.....	7,517	611	7,876	1,627	21,470	425	499	2,839	108	529	621	44,122	45.7
Totals,¹ 1936	75,224	11,820	80,202	51,239	138,500	67,740	18,287	29,712	43,377	23,369	64,222	603,712	48.7
INDUSTRIAL GROUP.													
Vegetable products.....	13,325	2,594	8,110	9,395	15,347	10,536	3,571	10,425	4,958	6,136	15,898	100,304	50.2
Animal products.....	4,837	821	4,739	2,913	12,620	8,026	2,803	3,909	4,064	1,844	5,548	52,124	49.8
Textiles and textile products.....	8,089	2,317	22,825	7,817	17,690	22,217	6,190	1,473	23,161	2,450	2,560	116,709	48.6
Wood and paper products.....	6,969	2,123	13,819	6,764	51,457	8,031	2,263	7,963	3,998	6,726	31,879	141,992	51.7
Iron and its products.....	27,026	2,085	17,062	14,650	19,862	12,076	2,133	3,622	4,623	3,423	4,217	110,779	45.5
Non-ferrous metal products.....	6,470	142	5,523	5,896	10,597	2,473	439	342	1,104	880	623	34,489	45.5
Non-metallic mineral products.....	4,651	892	2,380	688	5,793	1,590	297	1,258	739	1,137	2,592	22,017	47.7
Chemicals and allied products.....	3,245	725	3,128	1,987	3,336	1,011	359	287	201	478	481	15,238	45.1
Miscellaneous industries.....	662	121	2,607	1,149	1,828	1,780	232	433	629	295	424	10,060	47.8

¹ Exclusive of dairy factories.

24.—Wage-Earners Working Specified Numbers of Hours in the Month of Highest Employment from 1932 to 1935 and in Detail by Provinces, Groups, and the Forty Leading Industries, 1936—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.	Total Number of Wage- Earners.	Average Hours Worked per Week
1	Non-ferrous metal smelting	2,954		469	713	4,997	1	5	185	-	498	64	9,886	44.5
2	Pulp and paper	1,706	439	430	520	17,571	1,143	888	2,144	512	921	3,207	29,481	49.9
3	Slaughtering and meat packing	504	289	371	485	3,349	1,580	625	1,081	1,008	437	1,071	10,806	51.7
4	Flour and feed mills	239	13	573	17	1,597	39	30	333	349	144	1,094	4,428	52.3
5	Butter and cheese	1	1	1	1	1	1	1	1	1	1	1	1	1
6	Automobiles	7,330	200	1,154	3,842	475	6	20	5	-	23	33	13,088	39.8
7	Petroleum products	3,208	50	155	44	722	41	19	42	9	23	111	4,424	38.9
8	Sawmills	433	81	834	238	14,248	699	134	3,016	554	3,443	24,010	47,490	57.6
9	Electrical apparatus and supplies	2,128	89	2,861	3,844	4,188	1,136	119	82	682	178	114	15,421	45.6
10	Cotton yarn and cloth	176	143	41	407	3,044	3,504	249	-	10,803	85	1,107	19,619	53.0
11	Bread and other bakery products	743	134	628	206	3,470	1,246	908	4,840	994	1,616	2,910	17,701	53.3
12	Rubber goods, including footwear	2,183	532	274	1,665	981	1,393	775	1,570	449	773	859	11,434	48.3
13	Printing and publishing	1,292	606	1,788	1,266	4,373	286	172	149	29	71	49	10,081	45.4
14	Railway rolling-stock	13,803	191	2,567	2,590	469	272	66	100	59	63	140	20,320	38.6
15	Clothing, factory, women's	3,422	980	7,461	1,672	5,241	1,126	173	37	77	96	79	20,364	44.2
16	Hosiery and knitted goods	763	194	1,467	2,277	2,395	6,047	1,371	140	4,291	192	183	19,320	49.5
17	Fruit and vegetable preparations	6,493	916	842	3,046	1,466	1,142	745	975	1,250	2,637	7,783	26,795	51.0
18	Primary iron and steel	588	291	282	959	6,036	3,009	257	204	309	1,228	1,092	11,555	50.0
19	Biscuits, confectionery, cocoa, etc.	660	376	1,159	1,807	2,100	1,645	266	1,193	999	147	322	10,674	48.5
20	Breweries	278	38	460	259	340	1,122	148	90	211	234	670	3,850	51.0
21	Machinery	527	60	2,309	966	1,760	2,716	150	68	293	261	278	9,388	47.6
22	Clothing, factory, men's	93	266	7,233	218	1,259	486	97	65	-	2	-	9,719	44.8
23	Sugar refineries	581	26	13	27	1,347	78	141	93	11	98	1,034	3,440	51.5
24	Tobacco, cigars, and cigarettes	712	513	955	271	571	2,587	238	139	207	85	77	6,355	46.8
25	Sheet metal products	258	511	2,733	601	1,752	657	190	113	614	153	202	7,329	47.4
26	Coke and gas products	119	60	331	149	1,398	203	60	108	19	366	235	3,048	49.7
27	Boots and shoes, leather	1,241	249	1,394	1,325	3,612	3,513	982	563	2,068	790	883	16,620	49.4
28	Printing and bookbinding	707	243	3,313	970	5,331	384	25	14	7	3	16	11,013	45.8
29	Automobile supplies	576	275	622	915	737	1,943	249	808	588	477	303	7,493	48.5
30	Castings and forgings	943	449	1,841	2,121	1,420	914	289	1,062	667	557	469	10,732	48.0
31	Silk and artificial silk	32	72	187	175	304	2,835	2,148	13	3,019	943	204	9,032	52.5
32	Fish canning and curing	985	95	116	133	2,949	214	248	1,532	148	318	3,053	9,791	53.3
33	Coffee, tea, and spices	42	87	483	395	46	74	26	18	1	17	1	1,550	45.9
34	Boxes and bags, paper	150	118	845	829	1,395	1,428	223	135	337	100	263	5,763	46.2
35	Brass and copper products	1,112	24	794	265	397	772	136	62	167	319	4,143	45.9	
36	Furnishing goods, men's	543	150	2,515	1,434	1,346	2,061	311	267	541	75	10	9,253	46.9
37	Leather tanneries	28	12	473	144	653	1,853	232	415	215	87	285	4,397	50.4
38	Paints and varnishes	394	14	475	305	400	250	32	5	14	16	46	1,951	44.8
39	Medicinal preparations, etc.	252	95	827	930	279	165	23	3	10	3	10	2,587	44.7
40	Furniture	477	164	1,891	1,295	1,347	1,069	283	668	634	495	1,027	9,950	49.7
Totals, Forty Leading Industries		58,655	8,299	52,766	39,325	105,731	47,605	13,633	22,337	32,133	17,756	53,553	451,200	49.0
Totals, All Industries		75,224	11,820	80,202	61,259	138,500	67,710	18,287	29,712	43,377	23,369	64,222	603,712	48.7

¹ Figures not available.

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. The period of five years, for which the figures of Table 24 are available, is not long enough to establish a definite trend in the average hours worked.

For Canada as a whole, 36 p.c. of the wage-earners worked under 48 hours in 1936, 23 p.c. worked 48 hours, 19 p.c. worked between 49 and 54 hours, while 22 p.c. worked 55 hours or over.

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

The total salaries and wages disbursed by manufacturers in 1936 was \$612,071,434 paid to 594,359 workers, compared with \$777,291,217 paid to 666,531 persons in 1929 and \$497,801,844 paid to 606,523 persons in 1917. Of the 1936 aggregate, \$173,198,057 or 28.3 p.c. was paid to 104,417 salaried employees who constituted 17.6 p.c. of the total number, and \$438,873,377 or 71.7 p.c. was paid in wages to 489,942 wage-earners, who formed 82.4 p.c. of the aggregate number of employees.

The average salary paid in the manufacturing industries during 1936 was \$1,659, compared with \$2,007 in 1930 and \$1,315 in 1917, while the average wage in 1936 was \$896, compared with \$777 in 1933, \$1,042 in 1929 and \$762 in 1917. Thus during the nineteen years since 1917, average salaries have increased by 26 p.c., while average wages have increased by only 18 p.c. (See Table 26.)

Average Earnings, by Provinces and Industrial Groups.—In 1936, British Columbia showed the highest average salary of \$1,722, followed by Ontario with \$1,718, Quebec, \$1,631, and Manitoba with \$1,579. 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 average salaries as shown by Table 25.

British Columbia, with average wages paid of \$1,055 per annum, was the highest in 1936, being \$159 higher than the general average. In the western provinces, average wages are usually higher, due to an unusually small proportion of women workers. 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., \$1,866, was reported by the non-ferrous metal products group, while the animal products group, with an average salary of \$1,338 in 1936, was the lowest. In wages paid, the iron and the non-metallic groups were highest with an average of \$1,070, there being few female wage-earners in these groups. The textile industries, on the other hand, had the lowest average wage of \$715, due to the fact that in this group about 54 p.c. of the wage-earners were females. As is stated at the top of p. 55, of all the female wage-earners in the manufactures of Canada, over 50 p.c. found employment in the textile industries.

25.—Employees on Salaries and Wages in the Manufacturing Industries, 1936, by Sex, and Average Salaries and Wages, 1935 and 1936, by Provinces and Groups.

Province or Group.	Employees on Salaries.			Average Salaries.		Employees on Wages.			Average Wages.	
	Male.	Female.	Total.	1936.	1935.	Male.	Female.	Total.	1936.	1935. ¹
	No.	No.	No.	\$	\$	No.	No.	No.	\$	\$
PROVINCE.										
Prince Edward Island...	195	42	237	796	801	329	230	759	480	456
Nova Scotia...	1,671	414	2,085	1,349	1,341	11,603	2,250	13,859	792	785
New Brunswick...	1,459	372	1,831	1,534	1,514	10,008	1,871	11,879	762	724
Quebec...	25,852	6,404	32,256	1,631	1,631	115,619	47,001	162,620	798	768
Ontario...	40,261	13,320	53,581	1,718	1,696	184,307	51,104	235,411	947	929
Manitoba...	3,445	803	4,248	1,579	1,559	15,075	3,184	18,259	974	937
Saskatchewan...	1,524	262	1,786	1,282	1,246	3,719	277	3,996	932	883
Alberta...	2,169	410	2,579	1,448	1,413	8,212	965	9,177	937	908
British Columbia and Yukon...	4,833	981	5,814	1,722	1,626	30,905	3,077	33,982	1,055	1,002
Totals	81,409	23,008	104,417	1,659	1,638	379,977	109,965	489,942	896	870
INDUSTRIAL GROUP.										
Vegetable products.....	13,865	3,500	17,365	1,594	1,566	48,799	20,917	69,706	814	785
Animal products.....	10,191	2,132	12,323	1,338	1,400	40,318	10,968	51,286	806	794
Textiles and textile products.....	8,503	3,914	12,417	1,748	1,673	47,082	55,467	102,549	715	699
Wood and paper products	20,688	5,084	25,772	1,593	1,570	97,078	9,524	106,602	940	903
Iron and its products.....	12,372	3,178	15,550	1,831	1,802	88,444	3,209	91,653	1,070	1,047
Non-ferrous metal products.....	5,494	1,773	7,267	1,866	1,838	25,230	4,438	29,668	1,063	1,038
Non-metallic mineral products.....	3,454	838	4,292	1,744	1,679	17,110	572	17,682	1,070	1,068
Chemicals and allied products.....	5,201	1,975	7,176	1,816	1,796	9,927	2,807	12,734	958	943
Miscellaneous industries..	1,641	614	2,255	1,647	1,587	5,999	2,063	8,062	813	767

¹ Revised since publication of the 1935 report. See headnote to Table 1, p. 7.

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 1936, together with average salaries and wages paid in 1935. The rank of each industry is based on the aggregate salaries and wages paid.

In only nine industries did the average salaries exceed \$2,000; in six they ranged from \$1,800 to \$2,000; in sixteen they ranged from \$1,500 to \$1,800; while in the remaining nine they were below \$1,500. The lowest salaries were reported by the sawmilling, butter and cheese, and bread and other bakery products industries which include a large proportion of small establishments.

The highest wages, those above \$1,200, were paid in six industries—non-ferrous metal smelting and refining, \$1,330; printing and publishing, \$1,316; petroleum products, \$1,302; coke and gas products, \$1,298; automobiles, \$1,286; and pulp and paper, \$1,201—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. 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 fourteen 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 males.

26. Statistics of Salaries and Wages Paid in the Forty Leading Industries, 1936, together with Comparative Figures of Average Salaries and Wages Paid in 1935, and Totals and Averages Paid in Previous Representative Years.

NOTE.—Industries ranked according to the aggregate salaries and wages paid. Totals for years prior to 1936 have been revised since publication of the 1935 report.

Industry.	Salaries.					Wages.				
	Salaried Employees.		Total Salaries.	Average Salaries.		Wage-Earners.		Total Wages.	Average Wages.	
	Male.	Female.		1936.	1935.	Male.	Female.		1936.	1935.
No.	No.	\$	\$	No.	No.	\$	\$			
1 Pulp and paper.....	2,994	494	8,151,012	2,337	2,379	25,873	693	31,912,840	1,201	1,143
2 Printing and publishing.....	6,074	2,027	11,828,058	1,460	1,473	8,065	1,211	12,207,061	1,316	1,275
3 Railway rolling stock.....	1,282	70	2,705,829	2,001	1,952	17,255	26	19,455,448	1,126	1,040
4 Sawmills.....	2,510	207	2,598,318	956	800	25,884	185	18,758,720	720	666
5 Electrical apparatus.....	3,205	1,171	7,803,954	1,783	1,782	9,381	3,280	11,097,928	924	906
6 Automobiles.....	1,508	474	4,080,484	2,659	2,097	10,648	303	14,083,558	1,286	1,321
7 Bread, bakery products.....	2,193	607	2,906,890	1,038	1,015	14,619	2,179	14,796,682	881	826
8 Clothing, factory, women's.....	1,662	948	4,062,438	1,556	1,520	4,587	11,727	11,193,287	686	698
9 Hosiery, knitted goods.....	955	630	2,914,978	1,839	1,808	6,555	11,289	12,205,299	684	678
10 Butter and cheese.....	4,394	766	4,748,886	920	978	9,937	448	10,023,364	965	929
11 Printing and bookbinding.....	2,091	738	5,437,417	1,586	1,567	8,873	2,375	9,072,069	981	957
12 Non-ferrous metal smelting.....	752	111	2,176,110	2,522	2,199	9,152	-	12,169,940	1,330	1,327
13 Cotton yarn and cloth.....	422	142	1,390,549	2,466	2,052	11,265	6,081	12,827,682	740	686
14 Slaughtering and meat packing.....	2,164	346	4,358,346	1,736	1,726	8,249	1,017	9,563,064	1,032	998
15 Primary iron and steel.....	782	175	2,180,091	2,278	1,735	10,142	39	11,650,286	1,144	1,247
16 Machinery.....	1,919	540	4,130,452	1,680	1,707	7,613	205	8,174,970	1,046	1,010
17 Rubber goods, including footwear.....	1,352	445	3,115,782	1,734	1,718	7,115	2,909	8,838,234	876	867
18 Boots and shoes, leather.....	1,198	429	2,644,644	1,625	1,640	8,907	5,427	8,977,358	626	642
19 Castings and forgings.....	1,054	297	2,452,180	1,815	1,781	8,920	120	8,773,758	971	908
20 Clothing, factory, men's.....	1,340	401	2,548,648	1,464	1,390	4,499	4,338	7,707,097	872	877
21 Biscuits, confectionery, cocoa, etc.....	1,956	537	4,193,891	1,682	1,707	3,875	4,833	5,907,384	678	664
22 Silk and artificial silk.....	668	353	2,011,144	1,970	1,830	5,687	3,481	6,806,229	749	731
23 Furniture.....	1,125	253	1,962,364	1,424	1,357	7,980	319	6,149,513	741	688
24 Sheet metal products.....	1,191	298	2,361,387	1,586	1,640	5,228	765	5,580,803	931	887
25 Automobile supplies.....	598	251	1,517,062	1,787	1,784	5,385	608	6,259,664	1,044	1,031
26 Petroleum products.....	823	146	2,038,360	2,104	2,108	4,041	9	5,271,595	1,302	1,323
27 Tobacco, cigars, etc.....	1,611	390	3,554,031	1,776	1,579	2,008	3,584	3,653,706	653	630
28 Breweries.....	1,006	123	2,379,205	2,107	2,173	3,439	36	4,138,599	1,191	1,138
29 Furnishing goods, men's.....	750	354	1,892,861	1,715	1,656	1,251	7,055	4,471,119	538	525
30 Flaming mills.....	1,197	193	1,687,679	1,214	1,171	6,223	31	4,549,549	727	693
31 Fruit and vegetable preparations.....	812	285	1,563,870	1,426	1,446	3,844	4,317	4,502,891	552	525
32 Agricultural implements.....	692	201	1,445,633	1,619	1,594	4,559	56	4,595,987	996	962
33 Hardware and tools.....	578	252	1,539,070	1,854	1,775	4,125	718	4,363,083	901	870
34 Boxes and bags, paper.....	754	267	2,005,832	1,965	2,054	2,666	2,215	3,756,166	770	751
35 Coke and gas products.....	958	315	2,023,881	1,590	1,559	2,838	5	3,690,602	1,298	1,282
36 Flour and feed mills.....	1,533	184	2,143,380	1,248	1,197	3,809	159	3,399,565	857	829
37 Woolen cloth.....	374	131	1,020,791	2,021	2,018	3,587	2,360	4,372,159	735	709
38 Brass and copper.....	789	183	1,669,668	1,718	1,752	3,369	255	3,623,789	1,000	923
39 Medicinal preparations.....	1,074	562	2,990,124	1,828	1,830	1,010	1,211	1,807,334	814	807
40 Heating and cooking apparatus.....	521	173	1,171,047	1,687	1	3,724	37	3,466,127	922	1
Totals, Forty Leading Industries	59,461	16,169	123,406,346	1,625	-	294,187	85,966	314,515,109	906	-
Totals, Grand Totals, All Industries	81,409	23,008	173,198,057	1,659	1,659	379,977	109,963	438,873,377	896	896
1936.....	76,213	21,717	160,455,040	1,678	1,678	353,790	101,911	399,012,697	870	870
1934.....	71,963	20,132	168,760,126	1,615	1,615	326,598	101,119	355,090,929	830	830
1933.....	67,875	18,761	139,317,916	1,608	1,608	287,266	91,756	296,929,878	777	777
1932.....	68,261	18,786	151,355,790	1,739	1,739	288,817	92,966	322,715,926	844	844
1931.....	71,198	20,293	172,289,095	1,803	1,803	337,636	99,513	346,277,895	850	850
1930.....	64,161	20,550	169,992,216	2,007	2,007	416,790	113,195	327,563,162	795	795
1929.....	67,731	21,110	175,553,710	1,976	1,976	454,788	122,922	361,737,507	1,042	1,042
1928.....	58,245	17,092	112,353,900	1,890	1,890	374,214	109,580	283,328,342	779	779
1927.....	54,379	15,641	130,314,822	1,857	1,857	322,719	91,871	304,122,853	868	868
1922.....	71,586	22,836	129,836,431	1,811	1,811	381,670	109,569	359,369,399	935	935
1920.....	78,324	24,837	141,837,361	1,811	1,811	529,559	157,656	375,656,315	1,106	1,106
1917.....	64,918	25,553	167,667	1,315	1,315	341,695	112,148	177	762	762

¹ Included with "castings and forgings" in 1935.

² See headnote to Table 27, p. 62.

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 24.6 p.c. between 1917 and 1936. 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 5 p.c. From then until 1931 there was a definite and almost continuous upward trend. In 1931 real wages reached 119.1 and then declined to 112.7 in 1933 and rose again to 124.6 in 1936, 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, 1917-36.

NOTE.—The averages of wage-earners and earnings for the years 1931 to 1936 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. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries. (See footnote 1 to Table 4.) Figures have been revised since publication of the 1935 report. (See headnote to Table 1, p. 7.)

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	412,448,177	541,605	762	100.0	100.0	100.0
1918	471,396,933	536,042	879	115.4	113.8	101.4
1919	486,192,367	517,593	939	123.2	125.2	98.4
1920	575,656,515	520,559	1,106	145.2	145.1	100.1
1921	373,456,383	375,109	996	130.7	127.6	102.4
1922	359,560,399	384,670	935	122.7	116.8	105.1
1923	413,515,032	432,829	955	125.3	116.8	107.3
1924	404,122,853	417,590	968	127.0	114.5	110.9
1925	436,534,944	451,649	967	126.9	116.0	109.4
1926	483,328,342	483,824	999	131.1	116.8	112.2
1927	511,285,921	516,192	990	129.9	115.0	113.0
1928	558,568,627	547,282	1,021	134.0	115.5	116.0
1929	601,737,507	577,690	1,042	136.7	116.7	117.1
1930	527,565,162	529,985	995	130.6	115.9	112.7
1931	415,277,895	437,149	950	124.7	104.7	119.1
1932	322,245,926	381,783	844	110.8	95.0	116.6
1933	296,929,878	382,022	777	102.0	90.5	112.7
1934	355,090,929	427,717	830	108.9	91.8	118.6
1935	399,012,697	458,734	870	114.2	92.4	123.6
1936	438,873,377	489,942	896	117.6	94.4	124.6

Percentages of Wages and Salaries to Net 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, repairs, and all other overhead charges that must be ordinarily met. The percentage of salaries was highest in the years 1931 to 1936. 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 1936, due to decreased

industrial activity, the percentage of salaries to value added was abnormally high. It should be borne in mind, however, that salaried employees increased 49 p.c. during the period 1924-36 while wage-earners increased but 17.2 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 3.6 p.c. lower in 1936 than in 1924. The percentage was highest in 1920, when, in the post-war inflation, average wages were highest 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 gross values, it is possible to go back to 1924 only.

28.—Percentages of Wages and Salaries Paid to the Total Net Values of Manufacturing Production, 1924-36.

NOTE.—Figures in this table have been revised since publication of the 1935 report. See headnote to Table 1, p. 7.

Year.	Value Added by Processes of Manufacture. ¹	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	1,075,458,459	130,344,822	404,122,853	12.1	37.6	49.7
1925	1,167,936,726	133,409,498	436,534,944	11.4	37.4	48.8
1926	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1927	1,427,649,292	151,419,411	511,285,921	10.6	35.8	46.4
1928	1,597,887,676	162,903,007	558,568,627	10.2	35.0	45.2
1929	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1930	1,522,737,125	169,992,216	527,563,162	11.2	34.6	45.8
1931	1,252,017,248	172,289,095	415,277,895	13.8	33.2	47.0
1932	955,980,724	151,355,790	322,245,926	15.8	33.7	49.5
1933	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1934	1,087,301,742	148,760,126	355,090,929	13.7	32.7	46.4
1935	1,153,485,104	160,455,080	399,012,697	13.9	34.6	48.5
1936	1,289,592,672	173,198,057	438,873,377	13.4	34.0	47.4

¹ Equivalent to "net value of products". (See footnote 1, Table 1, p. 7.)

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 in which the cost of raw materials is relatively high appear to operate on a larger scale. Both measures are subject to two limitations: firstly, they depend on the fluctuation of business activity and the demand of the consumer; secondly, over any lengthy period of time there is the difficulty of comparability resulting from changes in the method of the census.

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, 1935, and 1936.

Group of Gross Values.	1922. ¹			1929. ¹		
	Estab-lish-ments.	Total Production.	Average Pro-duction.	Estab-lish-ments.	Total Production.	Average Pro-duction.
	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	1,793	129,320,947	72,125	2,209	156,308,744	70,700
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	306,618	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	2,026,400
5,000,000 or over	56	575,592,599	10,278,439	118	1,298,198,865	11,001,685
Totals and Averages	22,541	2,482,209,130	110,129	23,597	4,063,987,279	172,225
	1935. ²			1936. ³		
	Estab-lish-ments.	Total Production.	Average Pro-duction.	Estab-lish-ments.	Total Production.	Average Pro-duction.
	No.	\$	\$	No.	\$	\$
Under \$25,000	16,476	117,586,181	7,137	15,846	119,766,944	7,558
\$ 25,000 to \$ 50,000	2,552	90,448,169	35,442	2,625	93,736,051	35,709
50,000 " 100,000	1,943	137,698,893	70,869	2,040	144,718,010	70,940
100,000 " 200,000	1,377	192,476,536	139,780	1,413	198,268,333	140,317
200,000 " 500,000	1,191	372,397,600	312,676	1,251	391,284,269	312,777
500,000 " 1,000,000	452	315,147,466	697,229	512	358,345,875	699,894
1,000,000 " 5,000,000	396	786,490,824	1,986,088	447	949,275,501	2,123,659
5,000,000 or over	63	657,976,801	10,444,076	68	747,098,831	10,985,423
Totals and Averages	24,456	2,670,222,476	109,212	21,202	3,002,593,814	124,056

¹ These figures include the production of "central electric stations" and the "dyeing, cleaning and laundry" industry. ² These figures include the production of the "dyeing, cleaning and laundry" industry but not of "central electric stations". ³ These figures include neither "central electric stations" nor the "dyeing, cleaning and laundry" industry.

30.—Manufacturing Establishments, Grouped According to Gross Values of Products, with Total Values of Products in each Class, by Provinces, 1936.

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	204	1,286,323	937	5,387,583	607	3,825,384
\$ 25,000 to \$ 50,000	16	551,579	76	2,646,625	64	2,274,535
50,000 to 100,000	6	370,528	61	4,208,223	40	2,876,709
100,000 to 200,000	7	1,102,793	38	5,261,746	30	4,298,703
200,000 to 500,000	—	—	27	8,253,442	26	8,762,322
500,000 to 1,000,000	—	—	7	4,479,488	5	3,053,527
1,000,000 to 5,000,000	—	—	12	37,547,893	12	31,134,021
5,000,000 or over	—	—	—	—	—	—
Totals	233	3,311,223	1,158	67,784,970	784	56,225,201

30.—Manufacturing Establishments, Grouped According to Gross Values of Products, with Total Values of Products in each Class, by Provinces, 1936.—concluded.

Group of Gross Values.	Quebec.		Ontario		Manitoba	
	Estab-lish-ments.	Production.	Estab-lish-ments.	Production.	Estab-lish-ments.	Production.
	No.	\$	No.	\$	No.	\$
Under \$25,000.....	5,680	40,205,272	5,637	49,979,212	616	4,355,987
\$ 25,000 to \$ 50,000.....	713	25,133,530	1,247	44,727,786	118	4,441,495
50,000 to 100,000.....	534	37,743,351	1,006	71,589,411	103	7,201,098
100,000 to 200,000.....	375	52,531,957	709	100,078,722	74	10,237,055
200,000 to 500,000.....	377	118,475,011	618	191,872,409	57	17,661,483
500,000 to 1,000,000.....	143	100,442,428	274	192,189,225	26	19,118,949
1,000,000 to 5,000,000.....	120	262,658,457	228	449,252,418	14	32,472,131
5,000,000 or over.....	27	226,497,383	34	447,862,748	3	26,562,304
Totals.....	7,969	863,687,389	9,753	1,547,551,931	1,011	122,056,582

Group of Gross Values.	Saskatchewan.		Alberta.		British Columbia.	
	Estab-lish-ments.	Production.	Estab-lish-ments.	Production.	Estab-lish-ments.	Production.
	No.	\$	No.	\$	No.	\$
Under \$25,000.....	510	2,637,304	630	4,150,070	1,025	7,939,809
\$ 25,000 to \$ 50,000.....	68	2,388,979	114	4,116,759	209	7,454,763
50,000 to 100,000.....	53	3,856,130	76	5,233,480	151	11,639,080
100,000 to 200,000.....	33	4,460,978	33	4,363,059	114	15,933,320
200,000 to 500,000.....	17	5,112,120	24	8,290,442	105	32,857,040
500,000 to 1,000,000.....	4	2,067,878	11	7,633,096	42	29,361,284
1,000,000 to 5,000,000.....	9	31,081,121	17	40,265,104	35	64,864,386
5,000,000 or over.....	-	-	-	-	4	46,080,390
Totals.....	694	51,604,510	965	74,652,910	1,695	216,134,078

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). With the recovery in production since 1933 the percentage has risen again and in 1936 stood at 24.4 p.c. The same also holds true for all establishments employing 101 hands or over. In 1923 they employed 58.6 p.c. of the total, in 1929, 61.9 p.c., in 1933, 55.7 p.c., and in 1936, 61.2 p.c.

31.—Establishments and Employees in Canadian Manufactures, Grouped According to the Number of Employees per Establishment, 1923, 1929, 1935, and 1936.

Group.	1923. ¹			1929. ¹		
	Estab-lish-ments.	Employees.	Average Employed.	Estab-lish-ments.	Employees.	Average Employed.
	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	81,846	32.3
51 " 100 ".....	1,031	73,449	71.2	1,262	90,238	71.6
101 " 200 ".....	566	79,737	140.9	745	103,944	139.5
201 " 500 ".....	374	115,585	309.1	444	136,397	307.2
501 or over.....	112	112,447	1,004.0	182	189,253	1,040.0
Totals and Averages...	22,642	525,267	23.2	23,697	694,434	29.4

Group.	1935. ²			1936. ³		
	Estab-lish-ments.	Employees.	Average Employed.	Estab-lish-ments.	Employees.	Average Employed.
	No.	No.	No.	No.	No.	No.
Fewer than 5 employees....	13,719	24,058	1.8	13,441	26,659	2.0
5 to 20 employees.....	6,390	62,737	9.8	6,353	62,298	9.8
21 " 50 ".....	2,173	69,792	32.1	2,151	69,017	32.1
51 " 100 ".....	1,027	71,660	69.8	1,042	72,902	70.0
101 " 200 ".....	613	84,825	138.4	657	91,966	140.0
201 " 500 ".....	386	115,331	298.8	411	126,368	307.5
501 or over.....	142	139,013	979.0	147	145,149	987.4
Totals and Averages...	24,459	567,416	23.2	24,292	594,359	24.6

¹ See footnote 1, Table 29.

² See footnote 2, Table 29.

³ See footnote 3, Table 29.

32.—Establishments and Employees in Canadian Manufactures, by Provinces, and Average Number of Employees per Establishment, 1936.

Province and Item.	Under 5 Em- ployees.	5-20.	21-50.	51-100.	101-200.	201-500.	501 or Over.	Total.
Prince Edward Island—								
Establishments.....	182	42	9	—	—	—	—	233
Employees.....	345	367	284	—	—	—	—	996
Averages per establishment.....	1.9	8.7	31.6	—	—	—	—	4.3
Nova Scotia—								
Establishments.....	736	293	71	32	9	17	—	1,158
Employees.....	1,466	2,743	2,258	2,149	1,247	6,081	—	15,944
Averages per establishment.....	2.0	9.4	31.8	67.2	138.6	357.7	—	13.8
New Brunswick—								
Establishments.....	471	212	52	24	14	8	3	784
Employees.....	964	1,985	1,700	1,651	2,016	2,892	2,502	13,710
Averages per establishment.....	2.0	9.4	32.7	68.8	144.0	361.5	834.0	17.5
Quebec—								
Establishments.....	4,870	1,724	664	311	205	133	62	7,909
Employees.....	8,787	17,099	21,208	21,546	28,308	41,262	56,666	194,876
Averages per establishment.....	1.8	9.9	31.9	69.3	138.1	310.2	914.0	24.5
Ontario—								
Establishments.....	4,810	2,809	996	509	341	209	70	9,753
Employees.....	10,327	27,665	31,913	35,958	47,885	62,783	72,461	288,992
Averages per establishment.....	2.1	9.8	32.0	70.6	140.4	300.4	1,035.2	29.6
Manitoba—								
Establishments.....	514	310	94	50	30	8	5	1,011
Employees.....	1,098	3,027	3,126	3,345	4,160	2,154	5,597	22,507
Averages per establishment.....	2.1	9.8	33.3	66.9	138.7	269.2	1,119.4	22.3
Saskatchewan—								
Establishments.....	473	170	28	15	8	—	—	694
Employees.....	863	1,460	958	1,028	1,473	—	—	5,782
Averages per establishment.....	1.8	8.6	34.2	68.5	184.1	—	—	8.3
Alberta—								
Establishments.....	593	222	48	22	8	12	—	905
Employees.....	1,180	2,130	1,551	1,581	1,034	4,280	—	11,756
Averages per establishment.....	2.0	9.6	32.3	71.9	129.2	356.7	—	13.0
British Columbia—								
Establishments.....	783	571	189	79	42	24	7	1,695
Employees.....	1,629	5,822	6,019	5,644	5,843	6,916	7,923	39,796
Averages per establishment.....	2.1	10.2	31.8	71.4	139.1	288.2	1,131.9	23.5

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 cases of non-ferrous metal smelting, petroleum products, automobiles, slaughtering and meat packing, pulp and paper, and cotton yarn and cloth, whereas in the cases of butter and cheese, and sawmills, the degree of concentration is low. 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, EACH WITH A GROSS PRODUCTION OF \$1,000,000 AND OVER, IN CERTAIN INDUSTRIES,¹ 1936.

Industry.	Number of Such Establish- ments.	Percentage to Total Number in the Industry.	Percentage of Total Production in the Industry.
	No.	p.c.	p.c.
Non-ferrous metal smelting.....	15	100	100
Pulp and paper.....	54	58	93
Slaughtering and meat packing.....	35	25	91
Flour and feed mills.....	20	1.8	64
Butter and cheese.....	9	0.3	13
Automobiles.....	9	56	99
Petroleum products.....	15	24	92
Sawmills.....	12	0.3	26
Electrical apparatus and supplies.....	14	8	61
Cotton yarn and cloth.....	21	60	91

¹ These were the ten leading industries in 1936, as per Table 12, p. 36.

33.—Size of Establishments of Some of the Leading Industries, Grouped According to the Gross Value of Products, and the Number of Persons Employed, 1936.

Group and Item.		Metal Smelting.	Pulp and Paper.	Meat Packing.	Flour and Feed.	Butter and Cheese.
GROSS VALUE OF PRODUCTS.						
Under \$25,000—	Establishments...No.	—	—	25	637	1,696
	Production.....\$	—	—	291,089	7,069,040	20,312,165
\$ 25,000 to \$ 50,000—	Establishments...No.	—	4 ¹	20	286	385
	Production.....\$	—	141,318	706,878	10,152,935	13,369,250
50,000 to 100,000—	Establishments...No.	—	5	21	119	273
	Production.....\$	—	373,148	1,633,656	7,958,858	19,368,376
100,000 to 200,000—	Establishments...No.	—	4	19	32	138
	Production.....\$	—	481,223	2,611,727	4,177,828	18,321,113
200,000 to 500,000—	Establishments...No.	—	17	17	14	60
	Production.....\$	—	5,790,830	5,299,216	4,203,491	17,273,684
500,000 to 1,000,000—	Establishments...No.	—	9	5	10	12
	Production.....\$	—	6,997,279	3,577,726	7,462,719	9,415,257
1,000,000 to 5,000,000—	Establishments...No.	7 ²	42	29	15	9
	Production.....\$	9,130,920	100,312,517	72,807,929	37,301,004	14,652,482
5,000,000 or over—	Establishments...No.	8	12	6	5	—
	Production.....\$	220,606,500	71,048,288	70,043,419	36,301,224	—
NUMBER OF PERSONS EMPLOYED.						
Under 5—	Establishments...No.	—	—	33	1,005	2,075
	Employees.....No.	—	—	76	1,525	4,264
5 to 20—	Establishments...No.	3	3	56	80	402
	Employees.....No.	15	40	607	631	3,445
21 to 50—	Establishments...No.	—	12	17	12	56
	Employees.....No.	—	436	549	367	1,743
51 to 100—	Establishments...No.	3 ³	15	7	9	22
	Employees.....No.	201	1,073	502	596	1,516
101 to 200—	Establishments...No.	—	13	12	8	9
	Employees.....No.	—	1,962	1,659	1,183	1,339
201 to 500—	Establishments...No.	4 ⁴	27	11	4 ⁵	9 ⁶
	Employees.....No.	1,068	9,056	3,468	1,383	3,238
501 or over—	Establishments...No.	5	23	6	—	—
	Employees.....No.	8,731	17,487	4,915	—	—

Group and Item.		Auto-mobiles.	Petroleum Products.	Saw-mills.	Electrical Apparatus.	Cotton Yarn, etc.
GROSS VALUE OF PRODUCTS.						
Under \$25,000—	Establishments...No.	—	10	3,302	55	—
	Production.....\$	—	164,215	11,947,528	539,130	—
\$ 25,000 to \$ 50,000—	Establishments...No.	3 ¹	12	130	20	—
	Production.....\$	92,882	412,309	4,699,011	724,613	—
50,000 to 100,000—	Establishments...No.	—	10	75	32	—
	Production.....\$	—	700,060	5,151,885	2,203,926	—
100,000 to 200,000—	Establishments...No.	—	6	56	17	—
	Production.....\$	—	754,879	7,732,268	2,176,191	—
200,000 to 500,000—	Establishments...No.	4 ²	10 ³	40	30	9 ⁴
	Production.....\$	953,643	4,892,450	12,902,972	9,940,722	2,371,360
500,000 to 1,000,000—	Establishments...No.	—	—	23	18	5
	Production.....\$	—	—	16,622,622	12,592,131	3,608,715
1,000,000 to 5,000,000—	Establishments...No.	6 ⁵	9	12	11	18
	Production.....\$	10,783,620	25,142,492	21,287,005	22,540,933	38,082,799
5,000,000 or over—	Establishments...No.	3	6	—	3	3
	Production.....\$	93,519,990	53,735,958	—	21,570,902	21,572,491
NUMBER OF PERSONS EMPLOYED.						
Under 5—	Establishments...No.	—	9	2,933	31	—
	Employees.....No.	—	24	4,771	73	—
5 to 20—	Establishments...No.	4 ⁶	30	473	69	—
	Employees.....No.	32	274	4,444	761	—
21 to 50—	Establishments...No.	—	8	129	35	5 ¹⁰
	Employees.....No.	—	269	4,139	1,177	223
51 to 100—	Establishments...No.	—	4	60	21	—
	Employees.....No.	—	299	3,546	1,558	—
101 to 200—	Establishments...No.	6 ¹¹	5	35	14	6
	Employees.....No.	684	635	5,023	1,978	729
201 to 500—	Establishments...No.	—	4	14	11	10
	Employees.....No.	—	1,235	4,122	3,291	3,162
501 or over—	Establishments...No.	6 ¹²	3	2,741	5	14
	Employees.....No.	12,237	2,283	2,741	8,199	13,797

¹ Includes 1 establishment with production of \$25,000 or under. ² Includes 1 establishment with production of \$500,000 to \$1,000,000. ³ Includes 1 establishment with 21 to 50 employees.

⁴ Includes 1 establishment with 101 to 200 employees. ⁵ Includes 1 establishment with 501 or over employees. ⁶ Includes 1 establishment with production of \$50,000 to \$100,000, and 1 with \$100,000 to \$200,000.

⁷ Includes 2 establishments with production of \$500,000 to \$1,000,000. ⁸ Includes 2 establishments with production of \$25,000 to \$50,000. ⁹ Includes 1 establishment with under 5 employees.

¹⁰ Includes 2 establishments with 5 to 20 employees, and 2 establishments with 51 to 100 employees. ¹¹ Includes 2 establishments with 51 to 100 employees. ¹² Includes 2 establishments with 201 to 500 employees.

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.

34.—Totals for Canada of Power Installed in the Manufacturing Industries, 1922-35, with Details by Provinces and Industrial Groups for 1936.

NOTE.—Figures in this table have been revised since publication of the 1935 report. See headnote to Table 1, p. 7.

Year and Province or Group.	Primary Power.				Electric Motors Operated by Purchased Power.	Total Power Equipment.	Electric Motors Operated by Power Generated by Establishments Reporting	Total Electric Motors.
	Steam Engines and Turbines.	Internal Combustion Engines	Hydraulic Turbines and Water Wheels.	Total Primary Power.				
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1922	554,141	70,271	578,795	1,203,207	1	1	1	1,162,619
Totals, 1923	554,191	46,829	587,191	1,188,211	958,692	2,146,903	357,136	1,315,828
Totals, 1924	617,501	51,214	575,169	1,276,884	1,250,418	2,527,302	397,262	1,617,680
Totals, 1925	680,824	37,232	596,728	1,334,784	1,512,584	2,877,368	433,926	1,976,510
Totals, 1926	698,343	56,068	603,618	1,358,029	1,761,348	3,122,377	391,708	2,156,056
Totals, 1927	712,611	57,133	587,433	1,357,237	1,920,118	3,272,355	386,183	2,306,301
Totals, 1928	731,422	58,765	657,243	1,447,430	2,132,970	3,580,100	457,291	2,590,261
Totals, 1929	762,697	10,811	615,240	1,468,888	2,386,840	3,865,648	495,921	2,882,761
Totals, 1930	793,949	65,386	668,208	1,527,743	2,511,264	4,039,007	478,428	2,989,697
Totals, 1931	780,487	75,376	667,546	1,521,409	2,578,523	4,099,932	539,430	3,167,953
Totals, 1932	735,980	68,551	653,204	1,457,735	2,684,923	4,112,658	510,837	3,195,760
Totals, 1933	738,297	76,583	657,683	1,472,563	2,662,415	4,135,008	497,392	3,159,847
Totals, 1934	774,494	87,120	597,675	1,459,289	2,776,383	4,239,672	544,711	3,315,097
Totals, 1935	774,166	88,265	603,717	1,466,148	2,865,310	4,331,488	512,177	3,377,517
PROVINCE, 1936.								
Prince Edward Island	1,168	630	1,077	2,875	703	3,578	2	703
Nova Scotia	62,670	4,627	13,686	80,983	94,462	175,455	12,468	106,930
New Brunswick	65,001	4,089	28,511	97,601	105,461	203,062	48,273	153,734
Quebec	174,189	17,385	243,105	434,769	1,178,828	1,613,507	103,355	1,282,183
Ontario	265,418	45,480	249,088	559,086	1,174,325	1,734,311	241,184	1,415,609
Manitoba	14,501	3,432	25	17,958	112,153	130,111	1,359	113,512
Saskatchewan	11,765	2,725	60	14,550	21,566	36,116	61	21,627
Alberta	25,626	4,441	12	30,079	41,179	71,258	4,864	46,043
British Columbia and Yukon	122,846	9,671	112,825	245,342	249,037	494,370	116,937	365,974
Totals, 1936	743,181	92,480	648,489	1,484,153	2,977,714	4,461,867	528,501	3,506,215
INDUSTRIAL GROUP, 1936.								
Vegetable products	58,184	21,784	30,954	110,922	231,201	342,123	27,883	259,084
Animal products	20,886	6,259	2,204	35,349	91,458	126,807	2,792	94,250
Textile products	22,897	1,623	30,619	55,139	100,691	221,830	21,406	188,097
Wood and paper products	420,302	28,526	517,029	965,857	1,261,471	2,227,328	372,679	1,634,150
Iron and its products	130,456	24,002	3,599	158,057	522,981	681,038	76,342	599,323
Non-ferrous metal products	23,429	2,708	55,550	81,687	379,442	461,129	13,910	393,362
Non-metallic mineral products	40,445	7,189	26	47,660	189,503	237,163	5,863	195,366
Chemicals and allied products	17,491	238	8,508	26,237	111,205	137,442	7,521	118,726
Miscellaneous industries	3,094	151	1	3,245	23,762	27,007	105	23,867

¹ Not available.

² None reported.

Central electric stations, which generate electricity for sale for both lighting and power purposes have been eliminated from the manufacturing statistics and, therefore, are not included in Table 34. 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 great increase since 1923 in the power equipment of manufacturing industries has been in electric motors operated by power purchased from central electric stations. Nearly 96 p.c. of the power installation of these stations in 1936 was water power (see p. 391 of the 1938 Year Book). However, some sections of Canada are not so well provided with water power and 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, power produced from fuels is an important factor. The total installation of electric motors increased 2,190,387 h.p., or 167 p.c. in the 13 years from 1923 to 1936, by far the greatest part of this increase being in motors operated by power purchased from central electric stations.

Of the total power equipment installed in the manufacturing industries (Table 34), it will be seen that approximately 50 p.c. is used in the manufacture of wood and paper products; the next group in importance is iron and its products, which accounts for a little over 15 p.c.; non-ferrous metal products is third with 10.3 p.c. Together, these three groups account for about 75 p.c. of such installation.

Fuel and Electricity.—Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime and cement making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 35. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers has increased rapidly in recent years.

The figures of the table do not include fuel charged in furnaces in metallurgical operations as in the iron and steel industry and in non-ferrous metal smelting. Neither do they include fuels which constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry. Electricity used in metallurgical processes as in the electrolytic refining of non-ferrous metals is also excluded.

The value of fuel consumed was \$53,790,000 in 1924, \$60,564,000 in 1929, and \$44,816,000 in 1936. The value was, therefore, lower in 1936 than in 1924. The quantity of bituminous coal, the principal fuel consumed, declined by 17 p.c. and its value by 28 p.c. The cost of electricity, on the other hand, has increased during the same period by 134 p.c. and there has been a decline in the average unit cost of electricity as there has been in the case of fuels. According to Table 4, p. 390, of the 1938 Year Book, the revenue of central electric stations from the sale of power, per kilowatt hour generated, has declined by 33 p.c. from 1924 to 1936. Out of a fuel account of \$44,815,665, Ontario's requirements cost \$22,550,167 or 50.3 p.c. of the total; Quebec's cost \$12,066,700 or 27 p.c.; Nova Scotia's \$2,691,890; and British Columbia's \$2,676,212.

35.—Fuel and Electricity Used in the Manufacturing Industries of Canada, 1922-35, with Details by Provinces and Groups, 1936.

NOTE.—Figures in this table have been revised since publication of the 1935 report. See headnote to Table 1, p. 7.

Year and Province or Group.	Bituminous Coal.		Anthracite Coal.		Lignite Coal.	Coke.	Fuel Oils.	Wood.	Gas.	Other Fuel ¹ .	Cost of Electricity.	Total.
	short tons.	\$	short tons.	\$	\$	\$	\$	\$	\$	\$	\$	\$
Totals, 1922	3,914,141	29,472,236	244,124	2,400,389	489,810	3,295,785	5,462,572	2,001,113	1,599,185	1,522,829	1	46,243,949²
Totals, 1923	5,338,416	38,283,135	282,220	2,407,168	509,014	3,237,497	5,970,810	2,444,582	1,896,295	1,319,549	2	56,098,050³
Totals, 1924	5,442,719	33,944,237	337,041	2,625,644	575,047	2,227,456	5,519,456	2,179,312	1,618,333	1,710,056	19,739,585	72,529,526
Totals, 1925	5,359,910	31,817,738	317,508	2,454,938	608,387	5,024,427	6,933,153	2,580,267	3,516,616	1,793,702	22,410,722	77,139,980
Totals, 1926	5,776,719	34,500,291	283,678	2,173,178	533,928	4,157,935	7,102,676	2,533,424	1,182,186	1,496,882	26,235,597	82,916,097
Totals, 1927	6,177,059	31,552,608	301,446	2,331,940	582,771	3,867,043	6,862,239	2,359,951	5,207,853	1,278,994	31,393,484	88,436,873
Totals, 1928	6,379,337	36,406,271	263,939	1,977,964	745,687	1,787,828	6,841,693	2,332,090	5,374,007	1,131,819	33,790,079	90,130,438
Totals, 1929	6,787,610	37,765,943	258,457	1,861,253	707,058	2,332,823	7,936,574	2,604,803	4,125,954	1,239,563	37,824,395	98,388,366
Totals, 1930	6,006,251	32,109,678	241,028	1,752,393	722,912	1,906,850	7,287,460	2,222,243	5,895,375	1,163,410	39,651,414	92,711,715
Totals, 1931	5,016,261	27,338,993	130,520	999,358	448,116	1,784,288	5,515,743	1,720,700	4,930,991	1,152,203	37,276,526	81,197,218
Totals, 1932	3,883,637	20,438,561	136,947	1,002,631	497,154	1,592,015	4,684,012	1,483,066	4,692,700	974,884	34,764,666	70,129,722
Totals, 1933	3,525,828	18,342,019	145,017	1,033,154	522,626	1,574,426	4,606,527	1,635,689	4,827,310	981,591	33,092,334	66,615,676
Totals, 1934	3,936,088	21,372,079	166,242	1,166,745	601,520	1,670,877	5,182,216	1,150,553	5,731,229	1,519,086	38,150,061	76,877,366
Totals, 1935	4,024,956	22,108,876	173,188	1,191,905	684,396	1,921,138	5,981,169	1,419,130	5,707,589	1,773,010	40,489,645	81,279,888
PROVINCE, 1936.												
Prince Edward Island	2,988	22,846	46	484	—	3,278	1,112	7,613	—	4,333	16,325	55,994
Nova Scotia	303,565	1,284,038	865	9,821	105	115,360	503,599	28,095	723,294	27,578	1,226,670	3,918,560
New Brunswick	342,628	1,586,517	722	7,804	49	21,353	84,862	71,288	18,428	75,954	1,284,008	3,150,863
Quebec	1,157,800	6,630,901	112,849	727,400	—	267,314	1,944,841	545,778	1,609,476	340,930	19,077,932	31,144,632
Ontario	2,441,013	13,822,169	52,508	425,058	12,150	1,354,322	2,253,208	428,461	3,495,884	758,915	15,646,766	38,196,933
Manitoba	67,623	474,720	9,304	99,181	423,526	34,126	184,092	119,113	87,133	43,988	1,197,968	2,660,847
Saskatchewan	16,524	94,458	291	1,363	160,439	18,429	192,691	57,393	66,430	27,738	491,917	1,107,858
Alberta	88,595	210,461	116	705	138,142	11,409	70,227	22,266	364,060	28,865	521,890	1,367,485
British Columbia and Yukon	85,013	449,913	176	2,202	5,688	57,434	1,146,679	141,069	218,898	654,329	4,317,402	6,993,614
Totals, 1936	4,505,749	24,570,023	176,869	1,274,078	740,099	1,883,025	6,381,311	1,421,076	6,583,603	1,962,450	43,781,481	88,597,146
INDUSTRIAL GROUP, 1936.												
Vegetable products	606,346	3,312,083	47,683	423,125	197,204	405,135	605,278	428,955	654,280	238,660	3,499,136	9,763,856
Animal products	330,379	1,832,894	5,489	41,918	268,278	13,323	247,013	468,738	124,900	119,179	1,749,604	4,865,847
Textiles and textile products	409,562	2,458,065	22,474	117,063	1,374	23,178	323,565	33,225	65,755	101,475	3,147,353	6,271,053
Wood and paper products	1,356,717	7,537,797	55,168	372,573	12,072	22,212	944,073	205,572	145,472	1,115,740	19,749,200	30,104,711
Iron and its products	842,562	4,195,490	20,217	170,348	234,426	375,901	1,609,716	55,408	1,990,031	198,640	5,090,171	13,926,131
Non-ferrous metal products	136,981	784,776	5,823	48,069	1,456	89,873	240,748	3,309	159,387	26,763	4,603,136	5,957,517
Non-metallic mineral products	502,826	2,773,486	7,370	44,355	22,799	899,133	2,214,437	199,749	3,385,004	64,803	2,925,837	12,529,603
Chemicals and allied products	294,036	1,517,563	4,521	34,699	1,221	50,470	177,072	22,688	28,146	94,288	2,611,554	4,537,701
Miscellaneous industries	26,340	157,869	2,124	15,928	1,269	3,800	19,409	3,432	30,628	2,902	405,490	640,727

¹ Including gasoline and kerosene.² Cost of electricity not available.³ Does not include the cost of electricity.

The groups of industries in which fuel was most extensively used in 1936 were: wood and paper \$10,355,511, non-metallic minerals \$9,603,766, iron and steel products \$8,835,960, and vegetable products \$6,264,720.

The wood and paper products group is the largest user of electric power, the consumption in 1936 being 45.1 p.c. of the total cost of power used by all manufacturing industries. The iron and its products group ranks second with only 11.6 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 exceeded that of fuel. The expenditure of Quebec, which is the largest user of electric power, represented 43.5 p.c.; and British Columbia, 9.9 p.c.

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 over 90 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 about 69 p.c. 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, 1936.

NOTE.—Statistics published in this table are in some cases higher than the figures published in Table 38, 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 38 without disclosing the operations of individual establishments.

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	34	1,493,319	3,311,223	45.1
Nova Scotia.....	10	252	46,724,567	67,784,970	68.9
New Brunswick.....	8	223	38,513,246	56,225,201	68.5
Quebec.....	54	3,556	780,426,293	863,687,389	90.4
Ontario.....	102	6,366	1,463,044,997	1,647,551,931	94.5
Manitoba.....	5	657	104,580,074	122,050,502	85.7
Saskatchewan.....	4	221	39,499,792	51,604,510	76.5
Alberta.....	5	376	60,522,961	74,052,010	81.7
British Columbia.....	10	1,129	149,929,469	216,136,078	69.4
Totals.....	199	12,814	2,684,734,718	2,902,493,814	89.4

The six chief manufacturing cities of Canada in 1936 were: Montreal, Toronto, Hamilton, Windsor, Vancouver, and Winnipeg. Montreal proper exceeded Toronto proper by a slight margin. Greater Montreal was also ahead of Greater Toronto and continued 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 occupied population was employed in manufacturing. The amalgamation of the border cities to form the present city of Windsor did not occur until 1934, but the original city of Windsor at the time of the Census of 1931 had 34 p.c. of its gainfully employed population engaged in manufacturing. Toronto had 28 p.c., Montreal 27 p.c., Winnipeg, 18 p.c., and Vancouver 16 p.c.

Nineteen other important cities with a gross production of manufactured goods of over \$15,000,000 in 1936 were as follows, in descending order of the value of their products: Montreal East, Oshawa, London, Kitchener, Quebec, Calgary, Peterborough, Ottawa, Three Rivers, Brantford, Edmonton, Sarnia, St. Boniface, New Toronto, Niagara Falls, St. Catharines, Cornwall, Saint John, and Welland. 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 1936 in Table 38.

37.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1932-36.

NOTE.—The dyeing, cleaning and laundry industry is included for the years prior to 1936.

City and Year.	Estab-lish-ments.	Capital.	Em-ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$
Montreal.....	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 2,360	373,098,770	88,131	84,228,834	185,459,720	361,058,212
	1935 2,346	382,332,791	94,612	89,034,540	201,022,033	383,547,972
	1936 2,372	389,225,693	95,420	96,705,020	228,676,144	427,270,916
Toronto.....	1932 2,370	417,748,359	76,652	88,204,053	147,910,861	323,326,758
	1933 2,604	388,905,096	75,645	80,855,883	146,286,472	308,983,639
	1934 2,627	392,080,083	81,639	89,569,197	174,820,861	357,706,747
	1935 2,689	386,898,652	86,226	97,144,947	190,370,255	385,883,455
	1936 2,762	396,257,696	89,056	102,217,057	209,320,347	417,724,888
Hamilton.....	1932 445	176,981,408	21,733	23,378,011	34,372,679	83,068,855
	1933 469	171,625,714	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	26,769	30,162,244	53,740,074	114,691,789
	1936 466	176,519,530	28,625	32,288,022	61,676,060	130,578,232
Windsor ²	1932 246	72,317,312	10,410	13,470,342	24,298,607	49,285,543
	1933 247	66,398,372	10,212	10,719,819	25,752,258	49,359,245
	1934 251	63,066,481	11,926	15,057,327	43,208,280	76,487,032
	1935 236	64,298,564	15,227	20,714,545	64,062,711	104,908,197
	1936 214	66,934,274	15,613	21,180,684	59,871,643	104,556,881
Vancouver.....	1932 717	78,670,170	11,851	12,506,703	26,970,636	54,532,881
	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	16,780,590	39,863,397	73,981,872
	1936 807	83,199,508	16,397	18,479,302	47,394,136	87,581,068
Winnipeg.....	1932 559	70,201,107	16,119	17,426,358	26,989,727	56,415,286
	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	60,860,444
	1935 616	71,837,683	16,649	17,568,803	36,825,174	67,217,042
	1936 594	71,757,177	16,673	18,000,555	40,822,725	73,316,055

¹ Net value is derived from gross value by deducting costs of materials, fuel, and electricity. For cost of fuel and electricity in 1936 see Table 38.

² The figures for Windsor include constituent towns prior to the amalgamation in 1934.

38.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1936.

Municipality.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Fuel and Electricity.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$	\$
Prince Edward Island—							
Charlottetown.....	34	1,249,052	377	312,811	29,278	902,364	1,493,319
Nova Scotia—							
Sydney.....	27	23,835,309	2,333	3,028,165	1,621,336	7,028,509	14,398,012
Halifax.....	94	13,541,226	2,858	2,973,483	201,587	4,655,974	10,391,756
Dartmouth.....	13	4,336,703	402	466,708	163,929	3,412,435	5,268,319
Bathurst.....	5	10,925,940	547	846,868	654,164	1,217,252	4,283,656
Truro.....	3	7,270,071	657	582,090	134,915	2,356,792	3,661,118
Yarmouth.....	23	3,065,510	1,007	749,141	50,198	1,715,426	3,150,118
New Glasgow.....	30	2,202,544	507	380,075	64,391	854,993	1,729,958
Amherst.....	22	1,722,995	496	472,981	91,108	469,604	1,374,686
Windsor.....	24	3,104,138	460	389,089	67,205	641,891	1,253,550
	11	993,992	305	221,805	25,247	778,201	1,213,394
New Brunswick—							
Saint John.....	118	18,122,894	2,663	2,678,937	340,990	10,310,698	16,432,304
Moncton.....	9	6,256,067	1,959	2,025,772	156,611	3,380,458	5,962,274
Edmundston.....	8	6,098,505	504	490,335	452,742	1,503,527	3,553,892
Bathurst.....	13	6,483,322	704	844,382	360,842	1,178,546	2,875,008
St. Stephen.....	12	1,842,776	516	405,305	37,206	903,313	1,679,583
Milltown.....	3	2,826,119	592	441,375	29,450	717,493	1,335,557
Fredericton.....	27	1,493,141	389	318,850	32,238	614,600	1,240,838
Quebec—							
Montreal.....	2,372	389,225,593	95,420	96,705,020	6,878,092	228,676,144	427,270,916
Montreal East.....	10	37,969,569	1,725	2,240,504	1,614,582	39,929,718	51,398,777
Quebec.....	286	46,761,131	8,905	7,711,422	1,514,138	12,944,100	27,481,060
Three Rivers.....	58	59,233,078	5,338	5,530,911	3,072,202	10,140,744	24,911,465
Sherbrooke.....	74	21,262,300	4,938	4,477,426	372,824	6,810,957	14,869,311
Shawinigan Falls.....	25	39,366,124	2,779	3,065,504	1,942,934	5,835,468	14,064,579
Drummondville.....	24	19,096,217	4,414	4,341,421	615,063	4,588,947	13,526,367
La Salle.....	9	19,157,404	1,187	1,444,105	948,953	4,701,521	12,994,634
St-Hyacinthe.....	60	10,934,894	3,698	2,548,732	249,186	6,454,689	11,213,961
Hull.....	46	15,105,848	2,366	2,346,082	596,915	5,303,938	10,667,598
Granby.....	34	12,063,273	2,845	2,286,325	166,189	4,512,983	10,277,546
Magog.....	20	7,166,430	1,584	1,357,888	264,740	7,682,939	10,195,356
St-Jean.....	45	10,600,910	2,830	2,497,408	252,925	4,557,275	9,959,348
Lachine.....	31	14,650,480	2,200	2,946,151	267,064	3,624,629	8,636,479
Valleyfield.....	30	10,151,889	2,523	2,010,820	259,113	3,025,001	7,848,167
St-Jérôme.....	16	7,335,469	1,999	1,473,498	121,358	2,524,079	7,021,678
Grand Mère.....	16	15,869,802	1,496	1,301,308	655,966	2,212,358	5,595,584
Kenogami.....	6	11,922,428	932	1,307,507	718,258	2,049,696	5,051,666
La Tuque.....	13	11,867,864	768	862,996	357,398	2,227,011	4,734,804
Belœil.....	10	2,716,150	422	570,525	67,658	1,827,875	3,726,468
Huckingham.....	10	8,477,362	522	683,917	602,694	1,531,682	3,344,518
Louiseville.....	13	2,329,389	1,052	673,161	90,395	1,725,989	2,890,596
Farnham.....	14	3,931,555	638	505,754	87,273	1,328,748	2,809,876
Windsor.....	5	5,791,627	672	615,006	193,807	920,281	2,691,521
Dolbeau.....	10	10,629,824	277	476,212	523,228	776,204	2,674,752
Westmount.....	10	1,298,884	652	816,796	52,166	858,757	2,620,077
Victoriaville.....	23	2,483,511	1,296	934,513	49,073	990,830	2,488,792
East Angus.....	8	5,248,043	617	585,756	395,858	1,116,357	2,451,514
Brownburg.....	7	1,890,362	635	675,748	23,895	875,799	2,389,739
Cowansville.....	12	2,674,771	964	707,807	47,232	1,079,640	2,300,099
Lachute.....	9	3,402,784	553	464,496	20,699	1,110,568	2,171,823
Joliette.....	37	1,780,206	851	557,470	84,310	1,040,300	2,151,595
Montmagny.....	22	2,933,905	813	502,663	42,683	1,051,481	2,135,835
Coaticook.....	22	2,011,505	686	386,308	30,560	988,631	1,890,110
Beauharnois.....	9	3,314,198	398	410,108	65,647	631,339	1,557,566
Sorel.....	18	2,034,461	845	742,784	75,783	464,071	1,544,043
St-Laurent.....	8	1,459,823	619	616,009	48,516	767,383	1,445,209
Plessisville.....	15	1,092,614	453	297,245	17,303	802,051	1,400,070
Outremont.....	8	1,197,196	362	397,480	9,292	702,191	1,397,234
Jonquière.....	10	1,308,704	250	305,063	66,625	613,772	1,366,460
Cap-de-la-Madeleine.....	10	952,311	296	185,983	13,521	743,988	1,169,217
Longueuil.....	9	1,165,178	385	279,952	16,046	554,439	1,144,943
Acton Vale.....	9	924,640	388	247,470	23,907	538,522	1,117,771
St-Rémi.....	7	898,685	256	133,125	21,265	715,482	1,112,085
Mariville.....	15	775,559	426	248,594	15,058	660,272	1,083,189
Rock Island.....	11	965,588	368	297,717	22,324	321,858	1,050,296
Berthier.....	9	5,708,196	257	185,874	43,980	478,396	1,037,560

¹ Net value is derived from gross value by deducting cost of materials, fuel, and electricity.

38.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1936—continued.

Municipality.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Fuel and Electricity.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$	\$
Ontario—							
Toronto.....	2,762	396,257,696	89,056	102,217,057	6,500,881	209,320,347	417,724,888
Hamilton.....	466	176,519,530	28,625	32,288,022	4,925,883	61,676,060	130,578,232
Windsor.....	214	66,934,274	15,613	21,180,684	1,615,883	59,871,643	104,556,881
Oshawa.....	45	22,987,758	5,914	7,422,043	487,035	29,909,333	46,169,870
London.....	237	38,301,180	8,978	9,683,251	641,797	18,494,187	43,304,208
Kitchener.....	158	33,818,427	8,577	8,466,965	573,030	18,911,441	39,371,555
Peterboro.....	77	21,301,407	5,046	4,790,757	401,892	14,949,058	26,877,321
Ottawa.....	200	33,112,537	6,540	7,782,206	605,459	10,805,581	25,432,818
Brantford.....	109	38,025,348	6,384	6,219,900	576,860	11,478,219	23,532,005
Sarnia.....	42	17,842,608	2,852	3,592,036	1,033,274	18,349,179	23,116,580
New Toronto.....	19	26,122,504	2,627	3,531,467	488,938	10,831,266	22,073,345
Niagara Falls.....	63	25,902,570	2,989	3,602,359	1,246,885	6,568,087	19,125,082
St. Catharines.....	95	19,149,463	4,491	4,875,359	424,465	8,583,258	17,637,068
Cornwall.....	41	25,278,073	4,766	4,355,196	753,000	6,483,430	16,500,009
Welland.....	41	21,120,903	3,682	3,763,423	941,924	7,175,743	16,014,930
Sault Ste. Marie.....	46	39,588,937	2,635	3,555,843	1,573,123	6,479,882	14,506,305
Chatham.....	55	11,628,606	1,983	2,069,411	301,694	9,731,360	13,759,995
Guelph.....	88	12,819,283	3,752	3,510,553	326,230	6,194,563	13,074,892
Galt.....	78	13,737,130	4,049	3,609,526	275,517	4,806,980	11,308,835
Leamington.....	16	5,916,833	1,174	953,804	116,822	6,028,403	11,065,297
Thorold.....	16	18,342,266	1,437	2,178,762	1,418,690	4,355,778	10,406,618
Woodstock.....	50	7,199,207	2,220	1,951,968	148,425	4,441,709	8,763,399
Leaside.....	25	8,928,356	1,606	1,946,697	145,465	3,357,076	8,708,408
Simcoe.....	28	8,986,448	1,009	984,177	96,555	5,407,161	8,430,920
Stratford.....	55	7,599,473	2,419	2,431,506	184,885	4,627,916	8,257,152
Brookville.....	30	6,094,176	951	950,019	115,400	5,710,620	7,688,090
Kanapuskasing.....	5	32,356,517	784	1,254,806	500,955	2,424,752	6,355,144
Kingston.....	56	7,884,936	1,448	1,360,153	146,266	3,004,893	6,207,399
Waterloo.....	44	8,585,956	1,313	1,228,441	99,849	2,207,324	6,060,543
Preston.....	31	5,607,654	1,636	1,628,746	106,888	2,795,897	5,733,321
Chippewa.....	3	1,409,906	287	427,024	309,047	1,094,674	5,462,180
Delhi.....	7	1,178,769	533	341,778	15,174	4,674,668	5,196,653
Port Arthur.....	25	15,129,731	1,072	1,471,403	688,433	2,049,100	5,083,714
Merrittton.....	8	5,585,813	857	1,156,032	240,524	2,235,040	4,745,516
Port William.....	32	15,917,827	775	1,053,246	657,526	2,317,205	4,649,600
Owen Sound.....	55	5,645,474	1,443	1,200,189	88,625	2,047,249	4,167,010
Paris.....	20	6,282,476	1,221	1,068,251	97,771	2,036,143	4,097,261
Tilbury.....	7	1,118,851	434	439,862	34,470	2,891,830	4,096,428
Wallaceburg.....	15	4,287,449	924	1,008,196	292,974	1,783,061	3,944,139
Belleville.....	44	6,234,530	1,176	939,071	195,207	1,672,179	3,674,298
Newmarket.....	14	3,879,058	794	822,964	56,131	2,225,285	3,519,161
Trenton.....	23	3,379,380	718	635,782	167,074	1,907,831	3,413,184
Port Credit.....	3	4,320,574	258	348,267	108,284	1,729,826	3,378,644
Ingersoll.....	21	4,215,888	739	707,750	74,693	2,020,778	3,284,906
Kenora.....	16	10,809,212	430	566,332	583,260	1,852,298	3,273,895
Goderich.....	14	1,601,785	214	176,024	57,874	2,642,885	3,193,882
Petrolia.....	10	2,681,535	201	96,701	43,183	2,172,885	3,130,038
St. Thomas.....	41	3,279,896	954	897,906	77,388	1,416,230	3,057,689
Fergus.....	13	1,037,778	847	841,240	48,866	1,517,514	3,041,498
Bowmanville.....	11	2,911,774	523	523,828	82,033	1,198,148	2,985,588
Hespeler.....	15	3,869,755	1,165	900,196	152,071	1,437,045	2,979,347
Amherstburg.....	9	2,826,588	305	429,223	277,832	597,308	2,960,342
Perth.....	19	3,124,981	854	884,332	51,000	1,349,858	2,917,925
Weston.....	14	3,079,031	729	802,931	67,681	1,259,493	2,901,793
St. Mary's.....	17	5,137,810	389	418,585	310,905	1,283,021	2,838,604
Cobourg.....	26	2,903,889	534	557,816	72,817	1,270,516	2,733,582
Port Hope.....	29	2,102,703	653	693,948	82,780	908,456	2,694,336
Fort Erie.....	30	2,323,639	415	494,796	39,106	1,137,031	2,687,970
Tilsonburg.....	20	1,475,195	486	409,405	53,232	2,051,756	2,684,133
Dunnville.....	18	3,723,630	815	761,502	48,460	1,430,879	2,680,262
Barrie.....	21	1,289,929	425	376,341	39,613	1,719,883	2,603,339
Brampton.....	24	2,433,305	833	833,616	34,086	1,333,111	2,567,341
Orillia.....	35	3,057,550	841	747,559	51,212	1,276,252	2,554,753
Hawkesbury.....	7	2,048,347	484	600,459	310,022	1,331,690	2,542,884
Pembroke.....	35	3,953,599	800	614,037	48,149	1,195,701	2,453,397
Renfrew.....	21	2,251,398	750	648,708	68,498	1,192,884	2,361,030
Georgetown.....	12	2,607,644	519	494,060	87,535	1,304,622	2,277,218
Huntsville.....	10	2,130,546	331	240,018	33,740	1,488,213	2,234,906
Kanover.....	16	2,511,727	665	543,012	42,507	1,100,803	2,089,666
Kingsville.....	15	2,583,199	396	278,553	16,003	1,467,080	2,001,820

¹ Net value is derived from gross value by deducting costs of materials, fuel, and electricity.

38.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1936—concluded.

Municipality.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Fuel and Electricity.	Cost of Materials.	Gross Value of Products. ¹
	No.	\$	No.	\$	\$	\$	\$
Ontario—concluded.							
Lindsay.....	34	1,770,015	605	495,606	64,895	959,998	1,964,694
Sudbury.....	32	2,489,050	444	504,539	41,619	964,016	1,954,233
Aurora.....	8	1,336,209	415	410,906	24,729	1,212,375	1,911,689
Carleton Place.....	14	1,020,703	703	618,675	59,374	880,684	1,860,383
Aylmer.....	9	1,012,800	144	155,503	36,624	1,071,539	1,855,772
Burlington.....	10	1,517,369	315	253,346	28,391	1,033,689	1,796,182
Midland.....	13	1,915,864	210	181,059	21,153	1,564,569	1,784,986
Dundas.....	19	3,253,116	600	676,924	35,211	739,225	1,759,955
Humberside.....	4	760,536	430	361,403	6,217	910,314	1,390,383
Oakville.....	19	1,226,770	432	377,452	27,771	732,299	1,376,737
Smith's Falls.....	20	2,287,489	482	464,790	46,730	725,459	1,372,643
Chesterville.....	5	633,614	69	68,280	24,321	889,764	1,361,618
Strathroy.....	14	1,318,296	342	259,901	25,128	895,437	1,353,151
Arnprior.....	15	2,135,856	256	292,083	38,888	480,087	1,313,406
Timmins.....	28	1,616,274	328	315,168	31,448	495,911	1,310,820
Dryden.....	7	5,530,276	233	312,040	150,717	520,048	1,277,544
Steelesville.....	8	308,970	96	103,404	9,345	1,049,790	1,273,006
Gananoque.....	17	1,948,134	302	337,285	52,505	592,390	1,238,853
Fort Frances.....	8	2,221,158	453	342,048	6,840	731,198	1,220,196
Kincardine.....	13	1,601,171	400	293,517	28,536	673,601	1,163,164
Listowel.....	14	640,092	340	255,708	33,576	625,713	1,129,096
Tavistock.....	13	350,171	166	116,462	14,164	908,610	1,105,083
Grimsby.....	16	1,422,432	388	258,142	20,905	578,347	1,103,688
Elmira.....	13	1,196,778	285	230,951	19,840	522,562	1,058,530
Almonte.....	11	895,945	297	264,307	18,045	624,954	1,025,416
Manitoba—							
Winnipeg.....	594	71,757,177	16,673	18,060,555	1,378,202	40,822,725	73,316,055
St. Boniface.....	44	11,201,802	1,613	1,674,092	223,682	16,936,517	22,404,098
Transcona.....	3	6,664,623	1,679	2,030,018	195,705	3,248,392	5,630,460
Portage la Prairie.....	8	580,225	133	115,491	30,071	1,236,505	1,651,432
Selkirk.....	8	1,880,669	355	447,881	149,693	684,939	1,578,039
Saskatchewan—							
Moose Jaw.....	41	14,505,346	983	1,097,477	285,753	10,683,193	14,148,709
Saskatoon.....	66	7,205,826	1,192	1,384,922	219,900	7,617,655	11,789,474
Regina.....	95	9,709,925	1,676	1,983,521	318,592	6,728,114	10,511,760
Prince Albert.....	19	1,634,997	398	420,476	61,051	2,326,401	3,049,849
Alberta—							
Calgary.....	161	37,497,248	4,137	4,720,763	527,879	17,596,497	27,087,121
Edmonton.....	168	17,489,116	4,018	4,429,784	299,392	15,408,120	23,262,664
Medicine Hat.....	19	5,349,534	457	486,521	54,431	3,929,718	5,403,087
Lethbridge.....	26	1,730,726	323	398,549	41,301	1,269,702	2,767,240
British Columbia—							
Vancouver.....	807	83,199,508	16,397	18,479,302	1,212,690	47,394,136	87,581,068
New Westminster.....	78	11,628,413	2,385	2,563,933	229,261	8,318,142	14,401,671
Victoria.....	126	8,922,241	1,940	2,279,217	179,022	2,884,874	6,844,619
North Vancouver.....	22	4,296,930	607	711,556	77,790	1,642,279	3,108,393
Port Alberni.....	8	1,906,108	371	535,698	2,040	1,034,196	2,166,010
Prince Rupert.....	17	4,646,165	244	349,877	32,956	1,002,048	1,819,244
Kelowna.....	22	1,004,471	358	308,650	16,929	630,291	1,194,902
Nelson.....	23	1,313,917	268	316,287	21,854	507,411	1,125,938
Duncan.....	8	609,335	426	412,815	3,576	496,809	1,065,133

¹ Net value is derived from gross value by deducting costs of materials, fuel, and electricity.

39.—Principal Statistics by Counties and Census Divisions, 1936.

County.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Value of Products.
	No.	\$	No.	\$	\$	\$
Prince Edward Island—						
Kings.....	65	354,486	207	76,195	337,829	503,616
Queens.....	90	1,465,057	527	357,652	1,203,026	1,893,155
Prince.....	78	574,989	262	119,161	659,173	914,452
Totals.....	233	2,394,532	996	553,008	2,200,028	3,311,223
Nova Scotia—						
Annapolis.....	44	886,518	440	211,376	541,689	1,009,383
Antigonish.....	22	117,269	102	44,175	209,371	297,906
Cape Breton.....	76	24,856,910	2,681	3,249,207	7,591,003	15,472,737
Colchester.....	70	3,648,278	1,373	934,342	2,208,911	4,115,106
Cumberland.....	82	3,534,268	877	563,098	1,178,346	2,100,716
Digby.....	77	520,710	396	161,707	443,904	743,204
Guysboro.....	41	420,610	216	78,812	305,644	440,633
Halifax.....	166	24,225,077	4,283	4,457,237	13,803,880	24,275,619
Hants.....	62	2,810,539	624	416,194	1,102,624	1,818,545
Inverness.....	64	178,694	184	44,214	191,536	274,488
Kings.....	79	717,565	489	255,426	630,683	1,126,807
Lunenburg.....	120	1,698,153	792	446,995	945,235	1,716,690
Pictou.....	78	9,736,246	1,546	1,264,118	3,580,298	6,213,225
Queens.....	26	11,465,810	789	974,841	1,411,771	4,670,999
Richmond.....	20	46,338	53	12,855	47,854	68,772
Shelburne.....	45	619,464	409	229,538	756,760	1,359,837
Victoria.....	23	57,485	62	16,364	71,129	108,441
Yarmouth.....	63	2,348,419	628	424,057	966,658	1,965,862
Totals.....	1,158	87,888,353	15,944	13,784,556	36,077,900	67,784,970
New Brunswick—						
Albert.....	20	687,992	170	117,258	451,642	895,590
Carleton.....	42	663,708	183	95,662	260,546	588,295
Charlotte.....	68	6,625,254	1,559	1,137,743	2,752,180	5,117,641
Gloucester.....	96	6,758,005	970	897,536	1,444,140	3,288,917
Kent.....	41	252,832	204	69,337	276,956	392,004
Kings.....	46	635,255	274	168,205	604,586	1,115,672
Madawaska.....	22	6,533,691	717	596,867	1,699,777	3,885,709
Northumberland.....	51	2,319,537	689	323,630	907,263	1,493,712
Queens.....	15	275,874	105	72,868	159,740	274,851
Restigouche.....	42	23,903,578	1,564	1,713,937	3,152,277	8,735,683
St. John.....	136	20,396,304	3,256	3,226,484	11,477,827	18,917,050
Sunbury.....	7	212,173	111	67,920	158,102	255,540
Victoria.....	24	483,679	199	102,775	194,983	343,969
Westmorland.....	97	7,696,901	2,574	2,454,917	4,251,352	7,738,062
York.....	77	4,023,315	1,135	808,012	1,501,501	3,181,906
Totals.....	784	81,468,698	13,710	11,855,651	29,292,851	56,225,201
Quebec—						
Abitibi.....	66	690,712	296	157,597	478,061	868,544
Argenteuil.....	52	7,001,419	1,549	1,411,202	2,630,799	5,721,864
Arthabaska.....	115	4,140,064	1,839	1,246,403	2,237,175	4,347,961
Bagot.....	67	1,622,996	606	349,030	1,291,524	2,105,278
Beauce.....	153	1,769,558	1,300	601,824	1,465,165	2,509,029
Beauharnois.....	49	13,558,198	2,940	2,430,638	5,070,803	9,595,521
Bellechasse.....	77	248,000	112	32,258	251,618	337,527
Berthier.....	81	6,207,224	517	287,980	958,146	1,733,833
Bonaventure.....	69	407,471	302	75,449	267,711	417,856
Brome.....	34	494,295	309	180,739	635,402	938,541
Chambly.....	31	2,901,663	909	823,260	1,276,008	2,893,229
Champlain.....	159	29,688,650	2,994	2,590,441	6,069,440	12,832,368
Charlevoix.....	73	3,136,497	259	191,595	417,086	940,984
Chateauguay.....	26	439,808	258	110,999	549,354	829,741
Chicoutimi.....	143	50,320,872	2,885	3,433,055	8,332,104	21,455,420
Compton.....	66	9,463,059	1,512	1,328,442	2,550,065	4,952,941
Deux Montagnes.....	35	316,931	88	48,441	292,017	412,657
Dorchester.....	111	1,013,550	275	121,805	759,501	1,080,538
Drummond.....	76	20,841,377	4,604	4,447,005	5,218,947	14,483,568
Frontenac.....	81	878,088	520	295,290	825,612	1,287,482
Gaspé.....	138	625,316	704	179,940	642,022	977,640
Hull.....	98	42,021,763	3,432	3,877,049	8,441,233	19,152,931

39.—Principal Statistics by Counties and Census Divisions, 1936—continued.

County.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Value of Products.
	No.	\$	No.	\$	\$	\$
Quebec—concluded.						
Huntingdon.....	32	656,511	201	148,902	918,258	1,378,489
Herville.....	26	343,266	99	52,892	388,766	528,428
Joliette.....	103	4,876,421	1,314	902,799	2,077,382	3,937,904
Kamouraska.....	83	765,152	318	138,791	467,543	683,756
Labelle.....	75	780,648	215	96,236	488,050	753,180
La C St-Jean.....	201	23,373,456	1,296	1,478,882	3,304,020	8,280,063
Laprairie.....	23	3,437,456	454	360,386	1,050,639	1,878,943
L'Assomption.....	50	764,029	379	183,362	461,403	799,985
Levis.....	63	3,328,358	827	604,705	1,311,923	2,451,025
L'Islet.....	78	858,115	292	166,382	309,011	740,069
Lotbinière.....	88	529,568	1,207	113,465	732,720	948,911
Maskinonge.....	81	2,074,338	1,207	732,174	2,113,842	3,416,405
Matane.....	118	2,270,525	1,237	582,558	1,521,644	2,402,774
Megantic.....	108	1,817,055	792	450,608	1,429,959	2,355,230
Missisquoi.....	54	8,106,248	2,242	1,671,263	2,856,552	6,561,518
Montcalm.....	47	469,299	198	81,858	480,950	712,042
Montmagny.....	74	3,317,946	964	646,774	1,393,328	2,611,807
Montmorcency.....	47	137,513	76	24,067	134,447	191,036
Montreal and Jesus Island.	2,504	470,904,936	103,036	106,076,770	280,422,291	508,157,043
Napierville.....	15	1,205,869	352	168,095	988,585	1,514,818
Nicolet.....	125	941,789	401	186,905	1,133,367	1,546,830
Papineau.....	77	9,296,319	800	835,476	2,457,483	4,442,847
Pontiac.....	33	461,751	155	76,538	418,878	618,296
Portneuf.....	218	10,391,871	1,448	1,218,103	2,816,871	5,943,212
Quebec.....	344	52,186,141	10,978	9,222,954	16,012,821	33,579,584
Richelieu.....	55	2,524,831	1,169	998,115	986,259	2,435,876
Richmond.....	66	10,373,218	1,459	1,158,701	2,537,465	5,654,751
Rimouski.....	86	1,701,615	508	278,280	722,743	1,284,291
Ronville.....	61	1,373,584	702	360,889	1,367,148	2,076,152
Saguenay.....	86	1,380,878	447	310,245	399,784	655,494
Shelford.....	97	13,506,380	3,411	2,682,558	5,820,518	12,363,115
Sherbrooke.....	90	21,888,197	5,087	4,632,666	7,151,700	15,516,142
Soulanges.....	27	229,631	83	43,542	326,928	418,318
Stanstead.....	80	10,635,027	2,903	2,214,583	9,757,535	14,167,648
St. Hyacinthe.....	105	11,263,573	3,846	2,600,864	6,924,929	11,822,357
St. Jean.....	54	10,880,017	2,948	2,547,401	4,860,133	10,349,075
St. Maurice.....	134	98,833,562	8,203	8,626,683	10,298,545	39,406,098
Temiscamingue.....	46	24,634,155	1,324	1,820,106	12,611,390	22,803,784
Temiscouata.....	163	2,872,118	807	464,013	1,136,765	2,054,951
Terrebonne.....	125	11,615,057	3,049	2,217,459	4,148,325	10,246,316
Vaudreuil.....	30	194,136	71	37,854	201,581	265,486
Verchères.....	46	3,197,138	742	748,942	2,317,100	4,478,113
Wolfe.....	83	452,513	218	90,924	482,495	746,695
Yamaska.....	68	308,318	123	45,576	621,324	728,189
Totals.....	7,969	1,029,516,039	194,876	182,319,454	455,077,759	863,687,389
Ontario—						
Addington.....	15	505,508	85	54,070	276,831	507,277
Algoma.....	94	40,638,386	2,897	3,737,274	7,089,083	15,513,431
Brant.....	148	43,505,600	7,665	7,337,267	13,982,944	28,289,203
Bruce.....	152	5,453,499	1,635	1,198,612	3,746,182	5,850,634
Carleton.....	287	34,374,795	6,932	8,110,009	12,042,406	29,922,819
Cochrane.....	68	66,687,188	2,555	3,707,078	6,710,368	16,818,432
Dufferin.....	40	919,070	265	160,880	958,134	1,298,209
Dundas.....	61	1,387,804	328	265,124	2,189,154	3,174,516
Durham.....	89	5,221,118	1,274	1,282,487	2,603,397	6,268,205
Elgin.....	99	4,871,013	1,313	1,176,910	3,341,139	6,077,828
Essex.....	293	81,372,125	18,548	23,721,740	72,467,635	127,524,126
Frontenac.....	127	8,402,862	1,614	1,440,878	3,959,082	7,339,198
Glengarry.....	89	472,888	209	90,897	965,890	1,180,227
Grenville.....	62	4,697,272	768	819,853	2,724,620	4,846,538
Grey.....	186	10,297,152	2,860	2,241,648	5,333,774	9,550,533
Haldimand.....	61	4,604,734	992	905,883	2,513,193	4,292,938
Haliburton.....	11	106,553	91	49,989	67,938	250,454
Halton.....	85	8,200,996	1,767	1,492,268	3,956,974	7,153,966
Hastings.....	202	19,968,541	2,948	2,318,690	6,944,231	13,677,863
Huron.....	138	3,813,869	946	700,720	5,444,876	7,218,271
Kenora.....	43	20,211,266	994	1,210,600	8,576,711	12,372,212
Kent.....	122	16,693,984	3,149	3,247,380	12,290,117	18,879,881
Lambton.....	116	21,586,672	3,469	3,975,805	21,895,068	28,255,471
Lanark.....	123	8,162,239	2,449	2,270,550	3,982,330	7,677,668
Leeds.....	146	7,459,061	1,445	1,377,283	7,425,279	10,239,828

39.—Principal Statistics by Counties and Census Divisions, 1936—continued.

County or Census Division.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Value of Products.
	No.	\$	No.	\$	\$	\$
Ontario—concluded.						
Lennox.....	58	1,270,592	412	299,713	1,045,675	1,691,925
Lincoln.....	165	28,614,285	6,272	6,668,195	12,633,579	25,605,645
Munton.....	14	52,345	42	16,201	20,037	48,504
Middlesex.....	335	40,382,590	9,574	10,104,322	21,165,793	46,869,115
Muskoka.....	54	3,613,026	749	559,822	1,958,550	3,369,910
Nipissing.....	49	11,712,634	950	946,068	3,246,333	6,320,769
Norfolk.....	82	10,800,121	1,722	1,418,949	10,594,382	14,353,875
Northumberland.....	135	4,959,566	1,174	971,008	2,879,379	5,432,831
Ontario.....	115	25,135,824	6,401	7,772,932	30,094,372	48,076,008
Oxford.....	176	16,089,766	4,116	3,668,539	19,125,317	3,293,577
Perry Sound.....	65	2,758,937	693	595,574	1,335,815	8,438,245
Peel.....	68	9,393,928	1,500	1,523,199	4,692,807	12,387,400
Peterborough.....	159	14,511,104	3,379	3,263,779	8,276,399	27,463,419
Peterborough.....	125	21,514,515	5,160	4,844,437	15,398,100	3,795,695
Prosser.....	114	2,440,044	682	882,500	2,397,856	2,405,089
Prince Edward.....	63	2,488,477	617	292,073	1,522,533	1,449,300
Rainy River.....	24	2,488,280	566	433,636	1,442,893	9,106,122
Renfrew.....	142	11,002,107	2,382	1,982,605	4,645,277	1,166,593
Russell.....	73	486,815	190	104,592	940,746	10,056,918
Simcoe.....	193	11,930,705	2,181	1,852,320	6,666,585	18,830,034
Stormont.....	98	27,051,635	5,050	4,632,373	8,048,242	57,009,739
Sudbury.....	62	60,710,747	4,935	6,083,854	4,500,590	10,023,009
Thunder Bay.....	89	31,879,014	1,989	2,013,590	770,711	1,494,700
Timiskaming.....	75	1,934,984	445	440,483	1,287,492	2,360,450
Victoria.....	83	2,573,407	877	652,186	33,287,730	70,410,968
Waterloo.....	418	69,550,546	17,714	16,734,368	61,197,581	117,002,423
Welland.....	212	111,619,124	11,629	14,089,344	9,636,194	18,896,595
Wellington.....	183	16,630,794	5,157	4,761,119	63,327,865	133,772,476
Wentworth.....	522	183,783,239	29,494	33,208,925	229,960,516	459,721,092
York.....	2,945	441,490,044	95,742	110,190,202		
Totals.....	9,753	1,588,484,130	288,992	314,872,843	822,884,081	1,547,551,831
Manitoba—						
No. 1.....	22	167,677	55	31,688	436,883	532,265
No. 2.....	27	281,652	76	49,068	436,263	579,769
No. 3.....	26	492,202	71	45,598	403,784	609,918
No. 4.....	10	101,522	18	16,267	80,425	133,449
No. 5.....	22	16,957,971	2,085	2,491,792	4,167,890	7,575,167
No. 6.....	663	90,256,118	18,652	20,366,637	59,366,691	98,756,218
No. 7.....	49	1,216,656	270	274,429	735,595	1,269,035
No. 8.....	15	202,824	52	35,027	319,289	431,261
No. 9.....	24	2,300,557	462	535,207	923,086	1,970,004
No. 10.....	15	216,164	50	37,872	288,313	385,365
No. 11.....	23	213,148	70	50,167	273,864	501,370
No. 12.....	25	167,096	59	33,071	407,587	523,436
No. 13.....	23	294,221	74	45,219	452,236	504,947
No. 14.....	23	112,281	49	22,551	173,098	233,002
No. 15.....	16	170,057	40	22,551	116,068	176,920
No. 16.....	28	5,364,815	424	435,132	5,855,896	7,768,376
Totals.....	1,011	118,515,841	22,507	21,490,299	74,374,078	122,050,587
Saskatchewan—						
No. 1.....	27	735,760	60	47,869	253,535	384,811
No. 2.....	19	805,494	106	99,492	274,708	505,496
No. 3.....	14	80,084	19	8,370	27,068	46,407
No. 4.....	9	105,859	29	19,773	81,370	127,977
No. 5.....	26	291,366	80	69,078	631,973	829,283
No. 6.....	118	9,836,183	1,714	2,006,471	6,776,050	10,615,393
No. 7.....	52	14,599,501	972	1,109,219	10,726,030	14,210,358
No. 8.....	22	647,443	118	102,716	432,162	654,769
No. 9.....	35	807,345	158	130,500	587,050	934,507
No. 10.....	18	150,780	40	25,594	273,988	379,661
No. 11.....	91	7,440,403	1,239	1,423,855	7,841,436	12,101,783
No. 12.....	29	340,181	64	50,834	355,061	556,747
No. 13.....	29	202,320	51	35,591	159,468	244,323
No. 14.....	58	737,631	320	165,975	546,313	932,089
No. 15.....	56	2,495,577	493	476,490	2,672,484	3,585,772
No. 16.....	38	598,177	145	109,318	451,784	741,166
No. 17.....	39	154,183	79	34,117	191,932	278,251
No. 18.....	14	2,027,178	94	104,516	3,026,940	4,475,717
Totals.....	694	42,055,557	5,782	6,013,378	35,311,152	51,604,510

39.—Principal Statistics by Counties and Census Divisions, 1936—concluded.

Census Division.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Value of Products.
	No.	\$	No.	\$	\$	\$
Alberta—						
No. 1.....	29	6,591,637	612	685,372	5,282,285	7,396,438
No. 2.....	57	7,856,917	952	1,018,827	3,302,073	6,698,343
No. 3.....	11	1,612,923	278	275,985	405,949	798,178
No. 4.....	24	320,801	60	50,904	255,460	357,329
No. 5.....	7	39,897	21	12,837	104,892	141,221
No. 6.....	208	31,963,275	4,331	4,903,736	18,016,012	28,177,950
No. 7.....	37	579,129	105	90,958	626,117	878,167
No. 8.....	67	1,232,255	263	247,825	1,784,436	2,422,709
No. 9.....	47	446,125	204	102,667	353,512	546,654
No. 10.....	28	266,632	71	58,525	615,150	798,941
No. 11.....	212	18,078,751	4,160	4,529,097	16,169,200	24,284,424
No. 12.....	33	290,843	196	86,012	125,481	286,530
No. 13.....	19	118,056	39	22,033	155,632	213,381
No. 14.....	51	176,290	102	38,208	263,577	378,951
No. 15.....	28	368,685	236	147,072	116,062	442,289
No. 16.....	45	279,687	122	57,803	106,951	227,495
No. 17.....	2	2,675	4	600	1,240	3,010
Totals.....	905	70,724,578	11,756	12,328,471	47,684,029	74,652,610
British Columbia—						
No. 1.....	35	2,884,546	785	787,321	954,731	2,127,232
No. 2.....	86	40,746,666	4,154	5,716,686	22,038,316	32,135,570
No. 3.....	91	2,616,135	950	807,513	1,519,700	2,952,024
No. 4.....	1,041	118,640,041	23,564	26,383,830	72,687,060	128,888,925
No. 5.....	275	29,373,576	6,280	6,968,233	12,408,139	25,665,897
No. 6.....	41	841,272	291	238,483	541,892	1,069,552
No. 7.....	16	45,403,054	2,616	3,664,975	6,990,597	15,494,612
No. 8.....	39	1,508,051	321	291,198	289,480	691,053
No. 9.....	64	8,503,107	790	927,094	3,871,832	6,978,892
No. 10.....	2	21,100	4	1,732	880	4,505
Yukon.....	5	148,855	35	67,309	59,491	127,816
Totals, British Columbia and Yukon.....	1,695	250,696,493	39,796	45,654,374	121,362,118	216,136,678

APPENDIX I.

Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1936.

MONTREAL.

Industry.	Estab-lish-ments.	Capital.	Em-ploy-ees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
Coffee, tea, and spices.....	15	2,786,587	491	571,076	4,807,615	6,977,955
Fruit and vegetable preparations....	19	2,155,470	617	503,030	1,564,432	2,539,110
Flour and feed mills.....	4	4,760,316	471	670,207	8,311,938	10,283,380
Bread and other bakery products....	146	4,884,992	2,379	2,198,459	3,920,191	8,302,927
Biscuits, confectionery, cocoa, and chocolate.....	30	8,202,847	2,609	2,257,291	6,274,679	11,336,252
Stock and poultry foods.....	5	399,607	70	83,036	771,365	944,798
Miscellaneous foods.....	32	1,834,982	523	566,553	1,435,337	2,853,376
Breweries.....	6	16,709,111	1,322	1,894,917	5,381,701	13,043,399
Distilleries.....	3	1,833,354	90	165,110	431,861	1,195,386
Aerated waters.....	34	3,843,247	811	944,980	1,382,708	5,434,478
Rubber goods.....	3	3,401,158	539	526,649	1,036,612	2,255,993
Tobacco, cigars, and cigarettes.....	36	41,828,023	4,055	4,889,528	14,545,295	28,665,982
Linseed and soybean oil.....	4	1,186,489	107	137,011	2,017,551	2,524,820
Fur dressing and dyeing.....	4	613,996	396	361,576	141,120	760,313
Fur goods.....	95	4,250,295	1,079	1,270,435	4,084,825	6,045,510
Leather tanneries.....	6	731,917	177	154,898	410,444	770,080
Miscellaneous leather goods.....	29	1,279,093	849	560,377	1,175,996	2,040,238
Leather belting.....	5	403,796	80	87,678	173,684	276,333
Leather footwear.....	58	7,564,686	4,978	3,561,552	5,712,656	10,727,102
Boot and shoe findings, leather.....	7	413,831	75	71,874	86,966	230,261
Leather gloves and mittens.....	12	924,856	662	478,806	812,684	1,436,124
Slaughtering and meat packing.....	20	8,035,809	1,614	1,812,814	20,575,714	24,340,075
Sausage and sausage casings.....	18	497,288	170	219,587	480,797	853,021
Butter and cheese.....	12	5,766,819	1,586	1,854,705	4,077,255	7,728,846
Ice cream (Dairy products <i>n.e.s.</i>).....	6	311,124	92	92,699	180,799	464,588
Cotton yarn and cloth.....	4	10,437,336	2,125	1,900,573	5,343,233	9,738,678
Cotton thread.....	3	2,268,124	572	534,972	1,053,844	2,632,289
Cotton and wool waste.....	5	213,654	86	75,595	243,798	385,410
Cotton goods, <i>n.e.s.</i>	21	1,172,311	409	333,813	888,142	1,600,104
Hosiery and knitted goods.....	27	2,755,825	1,403	901,633	1,839,520	3,244,558
Dyeing and finishing of textiles.....	7	352,768	93	97,718	55,985	308,981
Men's factory clothing.....	102	7,699,532	3,798	3,643,833	11,330,659	19,163,391
Men's furnishing goods.....	52	4,711,067	2,471	1,668,429	4,031,158	6,654,463
Women's factory clothing.....	297	14,937,403	10,889	8,724,303	20,706,079	34,926,854
Oiled and waterproofed clothing.....	5	220,694	125	106,884	291,237	484,828
Corsets.....	5	212,234	112	99,831	173,538	387,834
Clothing contractors.....	90	528,929	1,589	1,034,019	80,868	1,207,214
Hats and caps.....	72	2,570,334	1,759	1,590,395	2,402,890	4,952,832
Awnings, tents, and sails.....	6	190,770	65	52,517	82,829	153,841
Cotton and jute bags.....	8	1,644,998	316	299,716	2,341,792	2,926,548
Miscellaneous textiles.....	4	5,929,719	748	972,991	2,030,383	4,785,872
Paper boxes and bags.....	20	4,668,613	1,314	1,209,338	2,560,343	5,034,186
Paper goods, miscellaneous.....	27	1,055,361	336	353,096	536,919	1,257,571
Printing and bookbinding.....	240	7,866,179	2,631	2,981,262	2,384,191	7,079,732
Printing and publishing.....	24	9,602,972	3,008	4,192,123	2,276,038	10,296,255
Lithographing.....	7	1,580,262	452	609,923	629,995	1,554,897
Engraving, stereotyping, and electro-tying.....	22	1,061,506	427	568,751	175,860	1,003,681
Blueprinting.....	3	69,162	41	31,978	30,269	103,857
Typesetting and trade composition.....	4	239,371	72	88,682	13,745	158,430
Sash, door, and planing mills.....	21	1,846,089	430	393,248	635,447	1,232,576
Furniture.....	61	2,471,755	1,118	869,998	1,010,193	2,491,095
Carrriages, wagons, and vehicle sup-plies.....	14	296,313	71	72,411	47,158	154,377
Cooperage.....	7	141,226	41	43,050	107,872	178,156
Boxes, baskets, and crates.....	6	661,149	252	198,178	231,749	542,903
Lasts, trees, and wood shoe findings.....	5	793,215	382	306,578	202,303	717,946
Miscellaneous wood-using industries.....	12	133,484	56	40,006	33,132	99,896
Primary iron and steel.....	5	10,292,090	1,509	1,534,443	1,622,968	3,630,356
Castings and forgings.....	13	7,985,559	1,300	1,403,108	2,081,059	4,961,441
Boilers, tanks, and engines.....	8	1,810,411	405	476,638	648,724	1,325,070
Machinery.....	20	4,989,477	830	1,065,757	1,176,302	3,102,024
Auto parts and accessories.....	4	89,542	43	48,384	36,468	130,183
Shipbuilding and repairs.....	3	3,759,013	478	524,623	270,168	1,067,284
Railway rolling-stock.....	7	28,543,393	7,542	9,327,178	13,509,544	24,207,523
Wire and wire goods.....	12	4,263,273	466	527,567	631,976	2,997,988

Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1936—continued.

MONTREAL—Concluded.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
Sheet metal products.....	21	11,783,961	2,057	2,098,793	5,654,493	9,624,448
Hardware, tools and cutlery.....	16	4,445,879	744	815,555	1,330,379	3,560,238
Miscellaneous iron and steel products.....	30	679,646	328	318,344	489,236	945,530
Aluminium products.....	3	20,416	13	14,036	4,566	34,295
Brass and copper products.....	26	7,084,555	1,187	1,382,858	3,892,534	6,718,930
White metal alloys.....	11	1,212,462	154	198,251	1,336,367	1,862,234
Jewellery and silverware.....	27	806,554	492	505,631	667,142	1,503,234
Electrical apparatus and supplies.....	25	19,404,244	3,955	4,899,074	6,113,115	14,536,669
Miscellaneous non-ferrous metal prod- ucts.....	3	152,083	43	42,958	35,552	119,585
Asbestos products.....	3	922,879	163	152,121	292,510	438,238
Glass products.....	11	5,491,583	1,056	1,140,778	1,048,770	3,630,990
Monumental and ornamental stone.....	11	508,183	126	138,828	91,917	321,828
Cement products.....	11	789,945	106	92,737	85,974	223,952
Miscellaneous non-metallic mineral products.....	6	435,974	35	35,061	55,563	134,221
Compressed gases.....	4	1,052,209	103	149,905	70,758	669,909
Medicinal and pharmaceutical prepara- tions.....	49	6,134,121	1,023	1,250,151	1,856,063	5,771,181
Paints, pigments and varnishes.....	20	11,195,920	1,110	1,679,327	4,506,178	8,806,628
Soaps, washing and cleaning com- pounds.....	27	1,210,044	282	378,196	578,648	1,549,810
Toilet preparations.....	20	1,610,520	389	394,146	712,313	2,165,073
Inks, printing and writing.....	6	210,492	60	76,525	68,514	285,823
Adhesives.....	5	449,314	67	88,547	251,861	461,782
Polishes and dressings.....	9	547,482	62	67,949	195,337	335,548
Miscellaneous chemical industries.....	17	466,087	90	96,881	177,205	355,113
Brooms, brushes and brooms.....	18	298,523	222	144,488	189,590	386,015
Mattresses and springs.....	9	2,677,957	639	732,442	1,404,161	2,597,897
Candles.....	4	196,389	42	40,841	73,677	170,713
Artificial ice.....	3	319,679	108	94,100	7,128	199,683
Sporting goods.....	3	168,923	65	49,072	50,652	142,329
Artificial flowers and feathers.....	9	153,079	234	133,009	111,157	318,152
Umbrellas.....	3	102,348	33	28,868	55,144	109,139
Scientific and professional equipment	5	175,310	38	56,976	74,321	294,170
Buttons, buckles and fasteners.....	8	327,827	289	202,135	190,989	487,001
Rubber and metal stamps and sten- cils.....	5	174,352	56	71,204	19,387	107,918
Signs, electrical, neon and other.....	7	1,156,016	156	190,557	81,473	563,222
Statuary and art goods.....	10	178,766	100	77,957	52,297	163,794
All other vegetable products ¹	8	12,898,957	989	1,202,729	13,633,249	18,419,993
All other animal products ¹	4	581,869	29	36,994	40,140	138,586
All other textiles and textile products ¹	7	2,528,126	877	795,487	654,792	1,586,419
All other wood and paper products ¹	15	4,374,924	402	467,092	742,657	1,921,418
All other iron and its products ¹	5	704,673	89	136,649	1,032,134	1,474,948
All other non-metallic mineral prod- ucts ¹	8	6,927,140	617	1,037,692	6,128,044	13,031,546
All other chemicals and allied prod- ucts ¹	3	1,883,642	48	68,407	371,519	689,417
All other miscellaneous industries ¹	15	1,057,674	236	293,489	634,029	1,233,226
Total.....	2,372	389,225,533	95,420	96,765,028	228,676,144	427,270,916

TORONTO

Coffee, tea and spices.....	19	4,005,937	554	729,199	4,551,314	6,087,312
Fruit and vegetable preparations.....	19	1,146,481	187	192,836	581,173	1,075,133
Flour and feed mills.....	3	1,765,579	187	203,945	3,539,921	4,228,764
Bread and other bakery preparations	275	8,670,906	3,688	4,024,205	5,812,710	12,985,663
Biscuits, confectionery, cocoa and chocolate.....	39	18,824,342	4,012	4,388,855	7,890,116	18,271,583
Prepared breakfast foods.....	5	372,862	61	53,777	141,278	451,544
Stock and poultry foods.....	7	1,077,979	147	213,381	1,417,332	1,876,205

¹ 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, Windsor, Winnipeg and Vancouver, 1936—continued.

TORONTO—Continued.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Miscellaneous foods.....	39	3,223,030	672	798,893	3,124,475	6,016,915
Breweries.....	7	6,166,120	622	896,892	1,685,060	5,254,742
Wine and grape juice.....	8	661,307	65	86,062	125,274	375,986
Aerated waters.....	19	2,491,007	603	863,643	795,512	3,379,630
Rubber goods, including footwear.....	12	14,000,877	2,434	2,748,688	4,336,626	10,433,354
Tobacco, cigars and cigarettes.....	12	2,450,343	527	472,687	998,424	2,222,388
Fur dressing and dyeing.....	5	215,564	182	158,018	59,724	269,048
Fur goods.....	109	3,412,385	982	1,144,261	3,035,844	4,927,871
Leather tanneries.....	9	4,536,646	1,054	1,086,109	3,393,251	5,229,858
Miscellaneous leather goods.....	47	2,207,930	998	892,190	1,375,449	2,669,427
Leather belting.....	3	276,763	47	56,123	212,202	274,562
Leather footwear.....	21	1,059,192	827	683,992	972,097	2,197,004
Boot and shoe findings, leather.....	4	90,023	33	26,667	176,360	215,218
Leather gloves and mittens.....	6	127,313	70	67,200	106,709	205,725
Slaughtering and meat packing.....	13	22,042,817	2,786	3,633,837	34,407,513	43,601,519
Sausage and sausage casings.....	12	341,093	61	63,064	287,478	419,561
Butter and cheese.....	11	7,349,476	1,850	2,342,874	4,653,354	8,889,705
Ice cream (dairy products n.e.s.).....	4	69,354	19	23,896	55,755	102,069
Woolen goods, n.e.s.....	8	487,714	167	168,943	836,706	1,191,887
Woolen yarns.....	4	2,242,393	721	654,124	1,853,580	3,383,847
Woolen cloth.....	4	2,314,673	495	473,091	1,379,016	2,231,608
Dyeing and finishing of textile goods.....	8	980,288	208	202,007	161,999	588,367
Silk and artificial silk goods.....	4	363,994	165	133,700	227,464	455,310
Cotton and wool waste.....	4	468,748	131	115,645	605,023	949,174
Carpets, mats and rugs.....	4	3,155,558	406	442,855	527,749	1,452,507
Hosiery and knitted goods.....	36	7,230,007	3,037	2,565,523	4,011,637	7,863,447
Women's factory clothing.....	208	7,078,651	5,615	4,873,725	8,697,708	15,420,940
Men's factory clothing.....	37	5,087,238	3,489	3,910,578	6,014,294	11,581,932
Men's furnishing goods.....	44	2,450,201	1,247	934,794	2,125,884	3,691,299
Corsets.....	10	723,657	408	429,830	644,502	1,437,381
Oiled and waterproofed clothing.....	3	457,701	155	147,743	406,746	646,296
Clothing contractors.....	19	73,024	205	182,126	13,462	222,880
Hats and caps.....	57	1,585,842	1,182	1,157,742	1,548,058	3,200,672
Awnings, tents and sails.....	14	265,634	104	94,851	194,729	347,881
Cotton and jute bags.....	3	867,211	150	161,649	988,979	1,241,858
Cotton goods, n.e.s.....	18	684,945	282	236,699	722,823	1,151,245
Pulp and paper mills.....	4	5,115,292	361	575,968	1,830,676	4,020,372
Paper boxes and bags.....	36	6,440,338	1,990	2,039,171	5,140,795	8,621,871
Paper goods, miscellaneous.....	40	3,962,198	832	966,928	1,865,402	4,254,988
Printing and bookbinding.....	302	15,270,365	4,645	5,505,783	5,182,312	13,958,639
Printing and publishing.....	34	11,659,404	4,151	6,711,972	4,817,796	18,161,425
Lithographing.....	16	3,925,258	859	1,269,400	1,390,393	3,503,968
Engraving, stereotyping and electro- typing.....	29	3,494,373	1,076	1,819,031	614,477	3,095,631
Blue printing.....	3	40,422	18	19,758	13,878	48,948
Typesetting and trade composition.....	17	493,752	152	235,588	23,742	367,972
Sash, door and planing mills.....	25	3,191,759	601	593,994	1,287,278	2,303,291
Hardwood flooring.....	3	350,861	100	104,167	215,861	415,302
Furniture.....	94	2,989,576	1,136	1,076,152	1,380,894	3,007,444
Cooperage.....	3	97,060	41	42,342	86,401	151,153
Boxes, baskets and crates.....	7	692,705	212	186,937	266,937	617,041
Woodenware.....	3	324,042	98	86,017	85,717	193,606
Boat building.....	3	58,247	20	18,957	17,307	45,273
Coffins and caskets.....	6	711,226	127	134,876	148,366	391,433
Miscellaneous wood-using industries.....	21	1,263,199	305	268,650	316,157	738,215
Castings and forgings.....	28	5,260,663	1,008	1,202,168	719,898	2,623,700
Heating and cooking apparatus.....	12	1,041,616	201	256,045	237,475	702,419
Boilers, tanks and engines.....	8	4,977,513	530	628,077	785,185	1,672,193
Machinery.....	65	14,816,486	2,602	3,170,509	5,003,402	13,408,535
Automobile parts and accessories.....	19	4,213,351	1,393	1,520,304	2,078,455	4,583,107
Bicycles.....	3	115,376	38	37,923	62,050	105,255
Wire and wire goods.....	13	897,969	179	203,553	485,117	842,164
Sheet metal products.....	29	9,777,883	2,049	2,249,049	3,536,826	7,770,422
Hardware, tools and cutlery.....	28	3,420,821	616	705,230	690,101	2,049,529
Miscellaneous iron and steel products.....	22	1,589,284	477	504,460	488,153	1,344,509
Aluminium products.....	9	2,726,438	811	927,139	2,209,177	3,795,022
Brass and copper products.....	35	3,328,126	667	737,691	728,003	1,974,598
White metal alloys.....	11	3,036,803	372	413,782	2,084,336	3,185,648
Jewellery and silverware.....	49	3,696,417	982	1,182,718	2,588,859	4,426,154
Electrical apparatus and supplies.....	83	20,657,353	4,741	5,476,054	11,640,278	26,019,980

Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1936—continued.

TORONTO—Continued

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
Miscellaneous non-ferrous metal products	10	831,600	246	285,994	255,639	815,546
Asbestos products	3	36,710	6	3,416	8,924	17,041
Coke and gas products	3	26,425,129	1,278	1,818,220	2,129,308	7,932,662
Products from imported clay	4	149,431	97	76,848	43,658	234,479
Glass products	26	879,336	341	352,529	451,182	954,427
Lubricating oils and greases	5	329,606	37	56,986	229,304	407,179
Monumental and ornamental stone	22	1,692,781	244	318,963	227,265	778,700
Cement products	11	433,441	124	109,993	174,549	349,870
Sand-lime brick	4	468,733	72	68,967	52,637	178,868
Miscellaneous non-metallic mineral products	4	266,394	42	50,438	69,587	116,552
Clay products from domestic clay	5	967,411	89	82,008	—	142,984
Acids, alkalis and salts	3	482,357	12	17,915	43,159	119,316
Compressed gases	8	1,670,621	225	353,498	134,788	947,806
Medicinal and pharmaceutical preparations	51	6,197,867	1,246	1,503,819	2,322,717	6,132,016
Paints, pigments and varnishes	16	4,761,551	951	1,373,619	2,917,061	6,935,477
Soaps, washing and cleaning compounds	29	5,576,981	1,090	1,414,661	4,911,433	9,426,324
Toilet preparations	37	2,656,115	472	519,028	1,211,439	3,224,005
Inks, printing and writing	19	2,524,809	417	724,948	1,059,846	2,586,609
Adhesives	6	691,767	195	226,918	340,388	729,746
Polishes and dressings	17	520,263	139	162,189	373,725	851,173
Miscellaneous chemical products	30	1,561,226	323	454,611	736,340	1,722,930
Toys and toy equipment	6	203,774	283	221,143	214,904	656,077
Brooms, brushes and mops	12	852,857	228	224,594	295,196	738,584
Mattresses and springs	24	1,424,779	538	542,328	1,254,960	2,188,624
Musical instruments and materials	7	317,943	96	90,385	61,204	163,057
Sporting goods	8	391,596	132	116,334	149,549	439,868
Buttons, buckles and fasteners	4	93,626	91	59,374	44,609	125,183
Jewel cases and silverware cabinets	3	105,715	48	42,109	58,436	134,448
Umbrellas	3	72,487	44	40,441	88,437	144,397
Fountain pens and pencils	5	953,366	297	288,942	451,212	1,121,552
Scientific and professional equipment	9	5,791,240	840	1,155,977	2,602,010	5,889,703
Statuary and art goods	13	507,022	290	264,281	356,970	783,904
Advertising and other novelties	6	116,898	66	61,433	78,629	178,588
Artificial flowers and feathers	6	132,085	68	45,447	38,974	98,503
Artificial ice	9	724,971	101	130,163	15,402	343,929
Regalia and society emblems	6	103,534	36	29,887	21,711	68,264
Signs, electrical, neon and others	13	680,045	171	220,361	199,885	572,649
Rubber and metal stamps and sten-cils	8	177,595	72	98,545	22,574	178,926
Typewriter supplies	5	664,399	116	210,884	247,648	573,448
All other vegetable products ¹	8	6,548,490	371	487,851	3,124,987	5,553,464
All other animal products ¹	3	92,167	32	32,106	99,459	182,376
All other textile products ¹	5	1,864,274	428	429,376	1,082,988	1,856,639
All other wood and paper products ¹	11	2,355,872	388	486,116	598,729	1,568,887
All other iron and its products ¹	9	22,225,296	2,114	2,689,604	2,591,452	5,120,069
All other non-metallic mineral products ¹	3	6,028,034	307	432,281	4,495,193	5,738,761
All other chemicals and allied products ¹	4	1,712,352	154	162,155	624,042	1,303,350
All other miscellaneous products ¹	6	254,169	74	72,047	115,804	312,964
Total	2,762	396,257,696	89,656	102,217,657	209,326,347	417,724,888

HAMILTON.

Coffee, tea and spices	5	650,086	146	165,389	530,113	817,048
Fruit and vegetable preparations	6	1,370,366	319	229,120	1,267,821	1,722,564
Bread and other bakery products	62	1,834,724	803	803,166	1,107,220	2,430,055
Biscuits, confectionery, cocoa and chocolate	9	504,839	190	178,849	435,821	1,034,781

¹ 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, Windsor, Winnipeg and Vancouver, 1936—continued.

HAMILTON—Concluded.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Rubber goods, including footwear...	3	4,732,998	664	885,903	2,877,533	7,606,560
Fur goods	9	294,620	52	61,135	129,797	292,709
Miscellaneous leather goods	4	77,036	31	31,924	102,183	143,011
Slaughtering and meat packing	5	1,496,499	489	527,309	3,737,760	4,518,294
Butter and cheese	6	1,329,912	387	520,208	749,424	1,709,561
Cotton yarn and cloth	5	7,429,623	1,678	1,376,362	3,269,866	6,106,141
Hosiery and knitted goods	9	7,890,895	2,889	2,455,365	3,902,684	7,477,949
Men's factory clothing	4	815,892	517	520,045	649,560	1,331,870
Men's furnishing goods	3	399,013	169	116,539	216,415	371,085
Women's factory clothing	3	39,648	50	30,981	94,086	134,939
Hats and caps	4	103,582	42	33,998	65,155	131,120
Awainigs, tents and sails	4	101,559	25	28,197	17,997	58,537
Paper boxes and bags	9	970,770	219	192,364	663,253	1,189,938
Miscellaneous paper goods	8	2,399,240	406	521,607	1,055,999	2,057,021
Printing and bookbinding	48	1,623,191	371	459,308	626,428	1,340,190
Lithographing	3	880,268	201	355,305	315,074	853,931
Engraving, stereotyping and electro- typing	4	143,890	66	97,024	14,425	72,787
Planing mills	7	744,331	95	112,100	150,009	324,739
Furniture	12	356,820	67	66,452	20,946	114,872
Carriages, wagons and vehicle sup- plies	3	125,509	13	12,526	12,831	27,713
Boatbuilding	3	11,311	6	6,700	1,604	11,703
Primary iron and steel	11	35,206,498	4,408	5,774,756	9,019,087	18,884,049
Castings and forgings	8	1,447,223	235	306,705	401,382	1,003,803
Machinery	14	4,787,232	595	686,270	840,514	3,091,037
Auto parts and accessories	3	70,690	23	18,866	19,437	55,176
Railway rolling-stock	4	7,738,217	538	682,372	2,004,860	3,617,102
Wire and wire goods	10	10,161,136	1,601	1,701,286	1,746,552	6,375,397
Sheet metal products	9	3,276,665	490	508,632	2,076,520	3,128,026
Hardware and tools	12	1,457,085	250	304,469	335,163	939,921
Miscellaneous iron and steel products	4	69,527	26	16,987	36,260	74,312
Brass and copper products	8	833,429	266	287,860	377,979	1,032,666
Jewellery and silverware	4	594,771	187	263,133	167,121	493,181
Electrical apparatus and supplies	9	18,183,654	3,625	4,101,355	3,220,435	10,748,432
Coke and gas products	3	15,731,441	481	680,639	4,840,124	9,212,873
Imported clay products	3	896,670	496	399,030	157,476	1,070,542
Glass products	4	2,746,866	745	789,646	832,292	2,281,173
Monumental and ornamental stone	7	223,853	35	44,387	43,078	115,882
Aerated waters	10	318,826	89	101,029	108,632	468,581
Domestic clay products	4	230,681	35	37,222	-	117,940
Miscellaneous non-metallic mineral products	4	60,802	19	11,158	23,471	44,191
Soaps, washing and cleaning com- pounds	7	2,293,652	252	317,423	2,419,353	2,976,652
Polishes and dressings	5	426,264	44	51,410	143,380	249,522
Miscellaneous chemical products	3	152,357	20	65,381	121,035	308,195
Brooms, brushes and mops	6	609,444	149	136,851	250,227	604,699
Straps and stencils, rubber and metal	3	134,585	34	34,155	17,999	75,672
All other vegetable products ¹	10	8,233,746	812	913,374	3,733,036	6,502,636
All other animal products ¹	5	338,191	42	49,174	97,110	242,621
All other textile products ¹	10	4,112,450	645	692,056	1,972,409	3,770,760
All other wood and paper products ¹	16	2,318,206	464	632,422	752,903	2,332,333
All other iron and steel products ¹	5	13,947,259	1,579	2,171,932	2,411,167	5,883,020
All other non-ferrous metal products ¹	5	270,568	73	76,164	214,021	369,798
All other non-metallic mineral products ¹	7	1,150,519	161	229,413	381,386	1,212,281
All other chemical products ¹	7	1,759,842	237	342,124	862,454	1,628,377
All other miscellaneous products ¹	8	331,559	80	72,459	64,614	220,705
Total	466	176,519,530	28,625	32,288,022	61,676,060	130,578,232

¹ 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, Windsor, Winnipeg and Vancouver, 1936—continued.

WINDSOR

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
Bread and other bakery products....	29	602,699	290	323,617	510,809	1,155,116
Aerated waters.....	7	113,405	30	34,059	37,925	206,549
Slaughtering and meat packing.....	4	117,721	42	51,963	468,898	591,023
Butter and cheese.....	4	600,069	206	282,969	473,957	1,020,326
Printing and bookbinding.....	19	361,419	103	138,823	111,495	321,456
Shed, door and planing mills.....	3	42,101	11	9,207	3,605	14,250
Miscellaneous wood products.....	3	186,276	41	62,460	31,500	109,462
Castings and forgings.....	11	2,860,149	891	1,157,527	1,494,540	3,993,775
Machinery.....	7	1,344,270	172	318,103	593,890	1,312,018
Automobiles.....	6	27,577,714	8,120	11,466,448	40,538,325	60,167,441
Automobile parts and accessories.....	13	5,560,087	1,564	2,049,851	7,833,034	12,193,852
Sheet metal products.....	4	490,702	82	111,947	227,507	445,821
Hardware, tools and cutlery.....	8	426,799	138	238,084	90,497	421,560
Brass and copper products.....	3	350,106	60	85,103	38,210	192,790
Monumental and ornamental stone.....	3	127,992	8	5,737	6,556	18,115
Cement products.....	3	35,359	4	3,869	3,816	7,855
Medicinal and pharmaceutical pre- parations.....	9	2,673,271	514	655,177	854,409	3,029,722
Dyeing, washing, and cleaning com- pounds.....	3	17,702	7	4,346	7,729	13,957
Toilet preparations.....	6	361,007	82	66,126	88,635	277,372
Miscellaneous chemical products.....	3	66,841	15	15,157	41,500	108,190
Artificial ice.....	3	562,283	101	70,007	22,128	256,131
All other vegetable products ¹	12	10,350,186	711	954,114	2,303,553	7,892,947
All other animal products ¹	6	668,189	143	182,387	334,634	836,583
All other textile products ¹	8	445,285	152	145,265	627,761	759,331
All other wood and paper products ¹	9	1,273,903	376	521,980	805,994	1,824,142
All other iron and its products ¹	8	5,109,197	859	1,097,786	1,213,483	2,596,736
All other non-ferrous metal products ¹	6	231,019	56	81,222	201,037	454,849
All other non-metallic mineral pro- ducts ¹	4	488,725	56	59,308	130,166	275,069
All other chemicals and allied pro- ducts ¹	5	2,991,010	586	780,977	706,191	3,016,995
All other miscellaneous products ¹	5	599,886	195	200,165	363,858	893,098
Total.....	214	66,234,274	15,613	21,186,684	59,871,643	104,556,881

WINNIPEG.

Coffee, tea and spices.....	9	1,533,798	144	163,377	1,824,107	2,385,899
Fruit and vegetable preparations....	8	562,468	181	111,146	312,618	551,892
Meat mills.....	3	2,882,847	75	120,352	1,144,625	1,757,993
Flour and feed mills.....	4	2,549,438	210	231,429	2,542,310	3,061,357
Bread and other bakery products....	67	2,605,706	855	819,162	1,324,946	2,732,011
Biscuits, confectionery, cocoa, and chocolate.....	16	1,785,546	484	364,153	912,312	1,902,327
Miscellaneous foods.....	4	650,096	53	39,198	495,349	641,418
Breweries.....	5	2,746,860	284	405,332	554,183	2,057,533
Aerated waters.....	11	541,366	169	212,878	366,745	1,158,918
Far goods.....	33	986,146	378	326,578	789,895	1,265,066
Miscellaneous leather goods.....	6	291,783	74	60,935	186,021	248,877
Leather footwear.....	5	129,444	81	59,935	131,424	214,600
Leather gloves and mittens.....	3	220,314	153	114,900	217,984	372,174
Slaughtering and meat packing.....	4	3,140,516	1,010	1,187,430	10,085,431	12,750,606
Sausage and sausage casings.....	7	138,251	63	56,284	223,351	320,228
Butter and cheese.....	10	3,696,139	602	847,454	1,464,012	2,853,810
Hosiery and knitted goods.....	6	274,011	144	99,739	223,070	359,054
Clothing, factory, women's.....	23	946,886	954	717,543	1,530,183	2,409,306
Clothing, factory, men's.....	10	297,570	217	171,537	428,543	668,826
Furnishing goods, men's.....	13	1,236,726	863	646,668	1,510,966	2,438,294
Hats and caps.....	14	292,119	176	128,203	261,721	472,797
Awnings, tents and sails.....	3	21,867	17	10,006	24,884	42,434
Cotton and jute bags.....	5	1,842,579	221	263,137	2,131,057	2,712,695

¹ 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, Windsor, Winnipeg and Vancouver, 1936—continued.

WINNIPEG—Concluded.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Paper boxes and bags.....	6	960,985	226	238,140	596,492	1,061,056
Paper goods, miscellaneous.....	4	441,657	56	64,333	109,173	252,147
Printing and bookbinding.....	75	3,860,883	1,147	1,372,428	1,087,187	3,235,439
Printing and publishing.....	28	3,075,064	950	1,416,674	579,544	3,544,663
Engraving, stereotyping and electro- typing.....	6	388,165	154	314,520	35,630	416,173
Planing mills, sash and door factories	4	1,085,140	130	137,126	127,694	327,464
Furniture.....	28	648,087	256	230,791	361,670	687,414
Carriages, wagons and vehicle sup- plies.....	3	136,561	58	54,878	66,667	152,443
Boxes, baskets and crates.....	6	223,943	114	80,589	67,556	188,077
Coffins and caskets.....	3	436,703	62	67,447	91,937	238,770
Castings and forgings.....	4	2,015,148	284	323,085	183,370	636,534
Machinery.....	8	752,360	141	159,764	200,833	612,120
Automobile parts and accessories.....	5	89,993	48	38,208	49,223	105,582
Sheet metal products.....	6	820,879	142	126,056	128,223	423,681
Brass and copper products.....	3	467,574	84	127,550	330,534	598,165
Jewellery and silverware.....	3	30,794	10	6,647	3,962	15,280
Electrical apparatus and supplies.....	8	343,489	111	119,971	209,190	462,642
Coke and gas products.....	3	5,060,947	175	216,409	463,502	1,138,623
Stone, monumental and ornamental.....	8	121,351	50	46,177	32,601	95,958
Medicinal and pharmaceutical pre- parations.....	7	1,025,458	141	143,778	449,858	1,204,838
Paints, pigments and varnishes.....	4	1,317,330	115	144,747	371,261	722,400
Soaps, washing and cleaning com- pounds.....	5	942,001	102	117,128	337,653	655,141
Toilet preparations.....	3	40,368	16	9,117	14,171	28,662
Inks, printing and writing.....	3	61,297	25	18,824	32,433	59,923
Miscellaneous chemical products.....	7	103,734	31	34,842	68,143	116,080
Brooms, brushes and mops.....	3	135,364	63	66,168	60,607	165,331
Mattresses and springs.....	4	1,184,829	328	346,390	698,238	1,343,830
Scientific and professional equipment	5	17,477	10	8,425	4,414	16,827
Signs, electric, neon and other.....	4	113,094	38	43,868	15,625	110,281
Rubber and metal stamps and sten- cils.....	4	24,714	11	9,291	3,484	17,442
All other vegetable products ¹	8	638,654	65	51,023	319,275	592,213
All other animal products ¹	6	447,521	107	103,666	149,192	328,804
All other wood and paper products ¹	18	1,026,640	247	284,998	275,402	711,550
All other iron and steel products ¹	11	11,803,316	3,519	4,115,260	3,959,072	8,474,769
All other non-ferrous metal products ¹	3	184,928	23	26,394	163,419	216,453
All other non-metallic mineral pro- ducts ¹	7	1,198,886	118	128,183	256,959	659,191
All other miscellaneous industries ¹	12	559,367	108	109,684	133,204	322,978
Total.....	594	71,757,177	16,673	18,060,555	40,822,725	73,316,055

VANCOUVER.

Coffee, tea and spices.....	9	1,545,418	265	269,342	3,486,214	4,663,554
Fruit and vegetable preparations.....	13	1,891,410	415	392,478	1,437,648	2,467,684
Rice mills.....	3	21,100	4	4,200	100,167	129,037
Bread and other bakery products.....	129	2,445,332	1,039	1,026,626	1,680,509	3,506,064
Biscuits, confectionery, cocoa and chocolate.....	22	696,611	291	266,481	476,354	1,061,433
Macaroni and kindred products.....	4	313,766	54	37,482	111,865	180,830
Prepared breakfast foods.....	4	24,839	21	15,432	52,069	101,795
Stock and poultry foods.....	9	955,402	133	154,776	1,214,814	1,693,743
Miscellaneous foods.....	13	241,596	57	60,664	316,853	527,418
Aerated waters.....	8	260,543	76	87,290	96,489	295,967
Tobacco, cigars and cigarettes.....	4	19,783	12	6,647	5,929	15,939
Fish curing and packing.....	6	891,830	184	261,900	1,360,617	1,828,502
Fur goods.....	6	211,021	51	49,950	95,107	168,675
Leather tanneries.....	3	137,978	24	24,787	47,939	88,696
Miscellaneous leather goods.....	3	150,577	53	45,807	64,358	152,266
Leather footwear.....	6	686,393	180	152,471	273,907	442,507
Leather gloves and mittens.....	3	102,894	54	58,598	101,583	182,606
Slaughtering and meat packing.....	10	4,136,222	622	697,276	5,029,460	6,298,636

¹ 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, Windsor, Winnipeg and Vancouver, 1936—concluded.

VANCOUVER—Concluded.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Gross Value of Products.
	No.	\$	No.	\$	\$	\$
Sausage and sausage casings	5	101,208	30	21,710	75,346	127,952
Butter and cheese	9	567,121	207	261,439	1,034,371	1,863,773
Ice cream (dairy products, n.e.s.)....	4	358,456	68	100,685	166,428	450,617
Cotton and wool waste	3	54,977	23	23,343	99,019	136,100
Hosiery and knitted goods	5	380,006	120	113,612	127,134	332,794
Women's factory clothing	17	294,763	250	187,869	345,795	639,440
Men's furnishing goods	10	335,529	198	147,525	381,197	610,905
Hats and caps	4	54,196	37	29,379	34,284	73,444
Awnings, tents and sails	6	400,968	89	87,042	201,407	305,045
Paper boxes and bags	8	678,693	170	207,554	503,717	1,013,906
Paper goods, miscellaneous	7	868,220	145	150,087	638,269	1,005,187
Printing and bookbinding	73	1,605,988	492	589,848	458,279	1,325,820
Printing and publishing	12	2,463,393	851	1,326,647	622,179	3,332,686
Lithographing	5	489,092	115	179,955	194,073	436,102
Engraving, stereotyping and electro- typing	9	286,343	80	125,960	31,263	201,526
Blue printing	4	22,757	13	11,104	5,367	20,372
Sawmills	28	8,975,198	3,522	3,899,184	7,774,718	13,597,750
Sash, door and planing mills	26	1,509,193	895	739,272	1,584,392	3,101,709
Furniture	40	1,395,329	657	610,356	797,071	1,834,256
Coupage	3	114,844	22	24,684	52,687	80,434
Boxes, baskets and crates	6	536,879	197	181,551	263,720	513,183
Iron building	6	97,396	43	47,714	29,270	94,102
Coffins and caskets	3	154,263	28	32,973	25,486	100,641
Miscellaneous wood products	8	480,155	109	148,062	219,699	431,566
Primary iron and steel	3	116,609	73	85,125	42,231	191,955
Castings and forgings	20	898,951	318	372,304	224,456	837,503
Heating and cooking apparatus	5	39,059	40	31,485	17,876	60,085
Boilers, tanks and engines	8	712,708	156	225,508	213,547	566,168
Machinery	13	834,508	133	181,768	112,140	364,979
Automobile parts and accessories	6	171,607	56	72,554	80,543	181,964
Shipbuilding and repairs	8	1,064,508	259	293,904	120,576	609,229
Wire and wire goods	7	1,349,967	130	162,891	64,719	1,036,883
Sheet metal products	13	7,219,841	461	547,890	3,255,565	4,991,987
Hardware, tools and cutlery	5	395,713	111	131,130	188,446	520,703
Miscellaneous iron and steel products	7	46,730	26	18,757	15,078	49,622
Brass and copper products	8	112,340	44	52,927	44,370	142,970
White metal alloys	3	259,325	19	22,895	152,460	199,635
Jewellery and silverware	6	58,442	45	54,549	42,900	115,731
Electrical apparatus and supplies	7	172,451	69	89,471	108,878	246,193
Glass products	6	71,713	22	23,620	21,646	62,464
Monumental and ornamental stone	9	329,402	101	131,488	61,174	280,464
Cement products	7	122,470	21	24,491	23,736	63,879
Medicinal and pharmaceutical pre- parations	3	18,144	49	56,738	14,415	78,373
Paints, pigments and varnishes	6	438,950	73	93,002	232,174	529,061
Soaps, washing and cleaning com- pounds	9	340,986	70	68,340	169,229	367,845
Toilet preparations	4	16,077	9	4,984	11,359	21,255
Miscellaneous chemical products	4	19,639	11	8,125	30,226	49,173
Brooms, brushes and mops	5	271,319	97	79,365	111,666	248,959
Mattresses and springs	5	271,711	94	117,111	190,125	376,999
Statuary and art goods	6	66,759	39	27,703	44,500	107,437
Artificial ice	5	948,235	64	83,674	7,325	197,337
Signs, electric, neon and other	4	562,579	121	197,708	77,470	611,549
Rubber and metal stamps and sten- cils	3	91,250	20	23,053	6,515	42,719
All other vegetable products ¹	11	12,075,785	619	896,909	5,400,967	9,310,149
All other textile products ¹	9	755,235	199	192,262	687,460	1,049,256
All other wood and paper products ¹	12	584,065	161	183,904	219,796	471,849
All other iron and its products ¹	4	3,456,459	429	582,367	1,020,500	3,584,727
All other non-metallic mineral prod- ucts ¹	5	11,850,108	283	377,375	2,054,104	4,201,499
All other chemicals and allied pro- ducts ¹	9	451,924	60	86,229	131,373	416,568
All other miscellaneous industries ¹	6	46,457	29	27,508	21,532	59,111
Total	807	83,199,508	16,397	18,479,302	47,394,136	87,681,068

¹ 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 1936.

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 24,202 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 0.6 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 4.1 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, 1936

Items.	Unit of Measure.	Quantity.	Value.
			\$
Abrasive cloth and abrasive paper	—	—	*
Abrasive wheels	—	—	862,283
Absorbent cotton	—	—	*
Acetic anhydride	—	—	*
Acetone	—	—	*
Acetylene	cu. ft.	41,315,830	1,016,256
Acid, acetic	—	—	*
Acid, calcium phosphate	—	—	*
Acid, hydrochloric (Muriatic)	—	—	*
Acid, hydrofluosilicic	—	—	*
Acid, nitric	—	—	*
Acid, phosphoric	—	—	*
Acid, sulphuric	—	—	*
Advertising, printed, n.e.s.	—	—	12,924,105
Advertising novelties (see "Novelties").	—	—	*
Aeroplanes and hydroplanes	No.	109	1,210,910
Aeroplane parts and supplies	—	—	286,760
Agricultural implements and parts, not elsewhere specified	—	—	3,758,285
Alcohol, denatured	pr. gal.	2,405,371	1,069,853
Alcohol, non-potable	—	1,693,078	768,350
Almond, paste	lb.	69,077	21,557
Almonds, ground, etc.	"	20,665	11,700
Alumina, fused	short ton	59,533	5,762,217
Aluminium products, not specified	—	—	824,517
Ammonia, anhydrous	—	—	*
Ammonia, aqua	—	—	*
Ammonia, liquid	—	—	*
Ammonia liquor	—	—	*
Ammonia powder	lb.	3,531,574	133,694
Ammonium phosphate	"	45,795,700	813,404
Ammonium sulphate	"	200,738,457	1,936,135
Ammunition	—	—	1,837,088
Amplifiers, electrical (Public address equipment)	—	—	*
Anti-freeze	—	—	735,497
Apple butter	lb.	74,206	7,356
Apple chop and waste	"	2,150,481	37,073
Apple juice, concentrated	—	—	*
Apples, evaporated	lb.	4,877,795	394,392
Aprons, fabric	—	—	310,410
Aprons, rubber and rubberized	dos.	10,249	33,829
Arm bands	"	36,912	200,164
Art needlework	—	—	112,853
Art work (printing)	—	—	608,831
Asbestos clutch facings	No.	560,871	91,147
Asbestos gaskets	lb.	33,655	21,216
Asbestos products, n.e.s.	—	—	165,597
Asphalt	Imp. gal.	34,832,943	3,030,083
Asphalt emulsion	gal.	2,281,748	258,973
Asphalt products, not elsewhere specified	—	—	223,951
Atomizers, perfume	—	—	*
Automobiles, commercial—			
1 ton or less	No.	14,593	6,221,432
1 ton and less than 1½ tons	"	1,362	896,616
1½ ton and less than 2 tons	"	5,413	2,850,327
2 tons and less than 2½ tons	"	9,732	6,229,488
2½ tons and less than 3½ tons	"	2,452	1,742,937
3½ tons to 4½ tons inclusive	"	64	77,379
4½ tons, 5½ tons and over	"	63	255,772
Automobiles, passenger—			
Convertible cars	No.	1,138	879,696
Permanent closed cars	"	105,816	70,478,601
Permanent open cars	"	1,386	749,730
Automobiles, special, including busses, ambulances, etc.	—	—	1,061,195
Automobile bodies, not specified	—	—	2,383,063
Automobile self-starters	No.	277,825	854,617
Automobile chassis	—	—	4,706,646
Automobile trailers	—	—	411,714
Automobile parts and accessories, not specified	—	—	16,292,791
Automobile cloths	—	—	639,404
Awnings and verandah curtains	—	—	490,395
Axes	No.	665,649	530,534
Axes, automobile	"	226,595	1,343,611
Axes and parts, not specified	—	—	349,945

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Babbitt metal.....	lb.	2,668,791	477,917
Badges, rosettes, buttons, etc.....	—	—	77,965
Bags, fabric—			
Cotton bags.....	No.	50,002,669	4,119,881
Jute bags.....	"	58,887,135	4,698,785
Sleeping bags.....	"	10,738	146,451
Tea bags.....	—	—	*
Fabric bags, not specified.....	—	—	110,665
Bags, leather and imitation leather—			
Club bags and suit cases.....	No.	300,842	1,211,213
Hand bags.....	"	1,291,959	1,487,198
Shopping bags.....	"	274,992	149,963
School bags.....	"	82,020	88,334
Bags, paper—			
Glassine and cellophane bags.....	—	—	319,685
Millinery bags.....	—	—	126,689
Self-opening bags.....	—	—	1,552,277
Paper bags, not specified.....	—	—	1,841,416
Bags, rubber, air and steam.....	No.	5,024	34,025
Bags, repaired.....	—	—	198,763
Bags, other, not specified.....	—	—	15,289
Bakelite and textolite products.....	—	—	613,164
Bale ties: Quantity made.....	short ton	4,975	—
Quantity sold.....	"	4,897	365,964
Balloons.....	—	—	*
Balls, golf.....	No.	602,452	212,524
Balls, golf, centres for.....	—	—	*
Balls, soft.....	No.	118,292	50,970
Balls, not specified.....	—	—	182,134
Barium stearate.....	—	—	*
Barley, pot and pearl.....	lb.	4,243,576	117,939
Barley, black.....	—	—	*
Barn and stable equipment, not elsewhere specified.....	—	—	487,695
Barrels, wooden—			
Apple, etc.....	No.	727,579	320,831
Fish.....	"	82,929	61,543
Flour, sugar, etc.....	"	215,445	145,071
Oil, vinegar, water, etc.....	"	227,495	530,605
Whiskey, beer, etc.....	"	19,741	135,108
Barrels, steel.....	—	—	569,651
Barrels, repaired, etc.....	—	—	38,787
Bars, steel, for reinforced concrete—			
Quantity made.....	long ton	42,650	—
Quantity sold.....	"	39,321	1,811,779
Bars, steel, rolled, merchant, including spring steel, etc.—			
Quantity made.....	long ton	161,007	—
Quantity sold.....	"	149,042	8,317,545
Basket bottoms.....	—	—	8,473
Baskets and crates, fruit and vegetable.....	—	—	559,891
Baskets, other, not specified.....	—	—	205,426
Bathing caps.....	doz.	39,742	85,980
Bathing suits.....	"	58,324	898,276
Bathrobes, kimonos, lounging jackets, etc.—			
Artificial silk.....	"	1,170	23,429
Silk and silk mixed.....	"	19,232	623,498
Wool and flannel.....	"	16,864	517,948
Not specified.....	"	35,687	483,476
Bats, baseball.....	No.	80,885	26,789
Batteries—			
Storage, for automobiles and other internal combustion engines.....	"	608,025	2,542,313
Storage, for railway service.....	No. of cells	6,260	145,573
Storage, for motorcycle starting.....	No.	2,151	8,062
Storage, for telephone switch boards.....	"	1,160	35,567
Storage, for farm lighting plants.....	No. of cells	17,743	93,328
Storage, for all other purposes.....	—	—	450,526
Dry-cell, 6-inch.....	No. of cells	1,537,289	418,877
Dry-cell, flash-light.....	"	9,386,366	560,893
Dry-cell, radio, B. and C.....	"	22,517,403	1,323,406
Not specified.....	—	—	5,432
Parts and supplies.....	—	—	344,979
Battery containers and parts.....	—	—	585,250
Batting, wadding, flocks and rolls (including auto batts).....	—	—	735,293

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Beauty parlour and barber equipment, n.e.s.	—	—	56,946
Beds and couches—			
Metal and iron beds	No.	156,788	866,507
Metal cribs	"	8,454	53,477
Metal and iron couches	"	96,961	952,448
Metal and iron cots and bunks	"	2,660	9,860
Bedspreads and bed sets	—	—	479,133
Beef extract	—	—	*
Beckkeepers' supplies, not elsewhere specified	—	—	141,723
Beer, ale, stout and porter—			
Full strength, in barrels	gal.	25,576,274	14,937,508
Full strength, in bottles	"	31,340,585	28,407,199
Beet pulp, wet and dried	—	—	*
Bells and gongs	—	—	15,902
Belting, cotton	—	—	*
Belting, leather (transmission)	lb.	332,881	620,460
Belts, automobile, fan	No.	788,925	202,655
Belting, rubber, not elsewhere specified	lb.	5,004,574	1,936,155
Belts and aprons, sanitary	—	—	91,408
Belts, body, not specified	—	—	691,835
Benzol	Imp. gal.	2,935,917	473,948
Bicycles	No.	48,571	947,039
Bicycle parts	—	—	255,117
Billiard and bowling supplies, n.e.s.	—	—	103,808
Binders, loose-leaf and other	—	—	982,381
Binders, grain and corn	—	—	2,504,157
Binding and stitching (trade work)	—	—	477,362
Binding (<i>see also</i> "Tapes")	—	—	746,123
Bins and hoppers	No.	83	11,203
Biological products	—	—	319,962
Biscuits, plain and fancy	ton	37,594	9,489,263
Biscuits, pretzels	—	—	*
Biscuits, soda	ton	13,054	3,793,249
Black, acetylene	—	—	*
Blackboards, asbestos	—	—	*
Blankets—			
Cotton and cotton mixed	pair	1,194,028	1,980,315
Cotton warp	"	56,850	102,093
All wool	"	308,029	1,402,473
Not specified	"	251,506	381,242
Slumber throws	No.	66,753	215,227
Blankets, horse	—	—	165,741
Bleaching compound, not specified	—	—	*
Blooms, billets and slabs	—	—	*
Blouses, women's	doz.	98,092	1,434,373
Blouses and shirtwaists, boys'	"	71,414	390,684
Blowers, furnace	No.	1,915	68,634
Blowers, not specified	—	—	425,147
Blow torches	—	—	*
Blue, laundry	—	—	63,041
Blue printing (commercial)	—	—	70,218
Boats, life and whale	No.	66	26,196
Boats, motor	"	332	364,704
Boats, scows, tugs and other craft	—	—	28,505
Boats, sail	No.	143	40,521
Boats, other, including row boats, skiffs, etc.	"	2,714	190,482
Boiler compounds	—	—	343,665
Boilers, heating	—	—	1,048,796
Boilers, heating and power	—	—	146,860
Boilers, power	—	—	531,521
Boilers, range	No.	74,943	541,993
Boilers, not specified	—	—	15,205
Boiler parts and accessories	—	—	325,416
Bologna and blood pudding	lb.	1,742,849	160,164
Bolt boards	—	—	*
Bolts, nuts and rivets	—	—	4,018,292
Bone meal	—	—	9,179
Bone, raw, ground, etc.	lb.	7,775,598	98,020
Books, blank, bound	—	—	273,674
Books, printed and bound	—	—	2,506,576
Books and pads, drawing, exercise, etc., not elsewhere specified	—	—	1,471,376
Books, ledger and account	—	—	313,810

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Book, counter check, sales books.....	—	—	918,540
Boron carbide.....	—	—	*
Bowling supplies.....	—	—	*
Bowls, water.....	—	—	*
Box tops.....	pair	5,753,589	147,779
Boxes, mail.....	—	—	*
Boxes, paper—			
Corrugated.....	—	—	8,991,272
Fibre board.....	—	—	822,501
Folding.....	—	—	6,028,895
Mailing tubes.....	—	—	80,169
Set-up.....	—	—	4,313,196
Not specified.....	—	—	487,400
Boxes, wooden—			
Berry boxes.....	No.	38,843,916	185,263
Butter boxes.....	—	1,330,685	320,524
Cheese boxes.....	—	1,747,739	212,516
Cigar and tobacco boxes.....	—	1,350,666	136,926
Fish boxes.....	—	419,994	110,473
All other boxes, and containers, not specified.....	—	—	2,193,184
Braids and gimps.....	—	—	517,259
Brake beams and parts.....	—	—	96,472
Brakes, auto, and parts.....	—	—	653,100
Brakes, brake shoes and parts.....	—	—	540,141
Bran.....	ton	244,862	4,240,352
Brass and bronze work, ornamental.....	—	—	105,800
Brass, not specified.....	—	—	57,834
Bread.....	lb.	909,287,675	47,658,574
Breakfast foods (see "Cereal Products").	—	—	—
Bricks, cement.....	M	2,877	63,032
Bricks, from domestic clay.....	—	115,848	1,751,921
Bricks, sand-lime.....	—	11,456	119,707
Bronze powder.....	—	—	*
Bronze work, architectural.....	—	—	219,629
Brooms—			
Corn.....	doz.	279,374	1,081,691
Fibre.....	—	13,340	83,499
Hair.....	—	4,344	45,538
Toy.....	—	6,025	7,367
Other.....	—	1,713	17,932
Brushes—			
Made of corn and fibre.....	doz.	58,881	92,309
Generator and motor.....	—	—	174,606
Hair.....	doz.	35,408	185,829
Nail.....	—	24,655	19,033
Paint.....	—	299,112	764,342
Shaving.....	—	13,787	39,507
Shoe and clothes.....	—	50,743	103,801
Tooth.....	—	—	270,891
For household purposes.....	doz.	132,981	273,575
For factory use.....	—	48,929	140,112
Other, not specified.....	—	138,289	177,388
Buckles of all kinds.....	gr.	32,501	28,162
Buckwheat grits.....	lb.	729,030	28,065
Bulldog composition.....	—	—	*
Buffs, polishing, cotton.....	—	—	*
Building blocks, hollow cement, cinder, sand-lime, etc.....	—	—	593,792
Buns.....	—	—	2,944,247
Buoys, marine.....	—	—	*
Burners, lamp and lantern.....	—	—	*
Burners, not specified.....	—	—	35,713
Butter, factory made.....	lb.	250,931,777	57,662,160
Butter, whey, factory made.....	—	1,482,918	304,312
Buttons—			
Celluloid and catalin.....	gr.	168,555	157,447
Galalith.....	—	46,050	95,743
Ivory.....	—	483,576	225,540
Metal.....	—	402,168	102,916
Pearl.....	—	1,250,335	328,353
Buttons and buckles, not specified.....	—	—	356,742
Button moulds.....	—	—	30,315
Button covering, hemstitching, etc.....	—	—	387,615
Butyl acetate and iso-butyl acetate.....	—	—	*

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Cabinets, silverware, not elsewhere specified.....	No.	33,725	89,893
Cables for automobiles.....	—	—	309,394
Calcium boride.....	—	—	•
Calcium chloride.....	—	—	•
Calcium carbide.....	—	—	•
Calcium cyanamide.....	—	—	•
Calcium hypochlorite.....	—	—	•
Calcium stearate.....	—	—	•
Calks, boot.....	—	—	•
Calks, horseshoe.....	—	—	93,267
Cameras.....	—	—	•
Candles.....	—	—	506,995
Candlesticks, n.e.s.....	—	—	10,739
Candy sticks.....	—	—	•
Canes.....	—	—	•
Cans, paper.....	—	—	•
Cans, tin, of all kinds.....	—	—	18,049,007
Canoes.....	No.	1,541	88,347
Canvas and canvas goods, not elsewhere specified.....	—	—	176,760
Capacitors (static condensers), for power factor correction.....	—	—	•
Caps—			
Cloth.....	doz.	227,065	1,455,711
Cotton.....	—	23,408	26,286
Fur.....	—	11,931	139,628
Leather.....	—	11,594	78,785
Uniform.....	—	5,004	86,666
Not specified.....	—	—	28,880
Caps, bottle, paper.....	No.	943,187,505	464,873
Caps, bottle, metal.....	—	—	2,072,907
Carbon dioxide gas (Brewers' and distillers').....	—	—	•
Carbon dioxide, liquid.....	—	—	•
Carbon dioxide, solid.....	lb.	5,318,656	445,195
Carbons, illuminating for lamps.....	—	—	•
Carbonizing materials.....	—	—	•
Cards, greeting.....	—	—	1,084,202
Cards, playing.....	—	—	408,100
Cards, visiting.....	—	—	20,609
Carpets, mats and rugs—			
Carpets in rolls, including stair—			
Axminster.....	lin. yd.	388,190	695,088
Wilton.....	—	288,552	745,921
Other, not specified.....	—	133,481	137,576
Carpets in squares, 4' 6" by 7' 6" or larger—			
Axminster.....	—	—	982,863
Wilton.....	—	—	470,851
Other.....	—	—	4,315
Small squares and runners—			
Axminster.....	—	—	253,669
Wilton.....	—	—	62,460
Other, not specified.....	—	—	123,340
Rugs, new, made from old carpets.....	—	—	168,157
Rugs, other, including rug hooked rugs.....	—	—	211,281
Carpet sweepers.....	—	—	•
Carrriages, wagons and sleighs, complete (see also "Wagons").....	—	—	144,378
Carrriages and sleighs, baby.....	—	—	344,565
Carrriage and wagon bodies and boxes.....	—	—	8,911
Carrriages and wagon materials.....	—	—	252,385
Carriers, litter.....	—	—	•
Cars, steam railway, new.....	—	—	9,551,521
Cars, railway, motor.....	—	—	•
Cars, dump, hand, push and other, not specified.....	No.	1,767	258,793
Carvings, wood and fibre.....	—	—	30,680
Casein.....	lb.	1,411,215	146,455
Cases, fibre, not specified.....	—	—	•
Cases, first-aid.....	—	—	•
Cases, eye-glass and jewellery.....	—	—	168,141
Cases, leather, of all kinds.....	—	—	265,950
Cases, toiletware and silverware.....	—	—	•
Cases, not specified.....	—	—	63,846
Caskets.....	—	—	1,890,388
Casks, wine, etc.....	No.	15,203	33,935
Castings—			
Aluminium.....	—	—	852,064

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Castings— <i>Concluded</i>			
Brass	lb.	5,485,468	856,120
Bronze	"	1,996,692	505,561
Copper	"	73,456	18,953
Grey iron	"	182,054,802	7,490,013
Lead	"	114,251	21,541
Malleable iron	"	33,450,202	2,250,752
Iron and steel, not specified	"	5,714,280	221,375
Steel—			
Quantity made	long ton	34,230	
Quantity sold	"	27,856	4,782,900
Castings, not specified	"	—	451,675
Castors, all kinds	"	—	196,086
Catalogues, printed, etc.	"	—	2,242,348
Ceilings and siding, metal	"	—	95,584
Cellophane products, n.e.s.	"	—	67,060
Celluloid products, not specified	"	—	126,728
Cellulose sheeting	"	—	*
Cement, Portland	bb.	4,508,718	6,908,192
Cement, high temperature	"	—	150,763
Cement, roofing	"	—	24,429
Cement, rubber	"	—	280,812
Cement, not specified	"	—	85,624
Cereal products, prepared	lb.	75,493,140	10,752,137
Cereal products, unprepared	"	10,195,961	699,154
Cereal products, other, not specified	"	6,942,477	300,325
Certificates, stock, bond, etc., printed	"	—	781,444
Chains, automobile	"	—	558,739
Chains, other than automobile, including sprocket chain	"	—	1,051,581
Chairs, barber, dentist and beauty parlour	"	—	*
Chamois products	"	—	49,601
Chaplets, foundry	"	—	*
Chaps	"	—	*
Charcoal	lb.	41,311,874	354,332
Cheese, factory made	"	119,123,483	15,535,813
Cheese, skim milk, cottage, etc.	"	1,790,737	155,531
Cheesecloth	"	—	128,803
Chemical products, not elsewhere specified	"	—	406,889
Cheques, notes, drafts, bank notes, etc. (printed)	"	—	950,400
Chests, cedar	No.	25,228	315,095
Chewing gum	"	—	**
Chicken, canned (see "Meats, Canned")	"	—	*
Chicory, roasted	"	—	272,748
Children's wash suits and rompers	"	—	28,104
Children's sleepers	"	—	40,000
Children's wear, not specified	"	—	18,575
Chloride of lime	lb.	185,120	*
Chlorine, liquid	"	—	*
Chocolate coating (for own use)	lb.	3,339,428	1,867,901
Chocolate and chocolate coating (for sale)	"	15,567,267	40,815
Choppers, food	"	—	30,679
Churns	"	—	5,282,500
Cider	gal.	191,770	43,703,029
Cigars	M	119,827	
Cigarettes	"	5,607,228	
Cinder blocks (see "Building Blocks")	"	—	
Cleaners, vacuum—			
Floor models	No.	40,621	1,473,656
Hand models	"	7,058	109,214
Cleaners, vacuum, and parts, not specified	"	—	350,276
Cleaner, hand	lb.	773,481	87,722
Cleaning and scouring powders and pasts	"	—	806,242
Cleaning preparations, other	"	—	198,987
Clips, wire	"	—	13,657
Clocks	"	—	839,865
Cloth, gummed	"	—	*
Cloth, hair	"	—	*
Clothes pins	gr.	865,672	140,574
Clothing, oiled and waterproofed, n.e.s. (see also "Coats, Oiled")	"	—	68,055
Clothing, sport and athletic, not elsewhere specified	"	—	501,394
Clothing, work, not specified	"	—	8,858
Clothing, not specified	"	—	204,297

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

** Information cannot be published.

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Coats—Mens' and Boys'			
Men's woollen jackets.....	No.	84,793	418,703
Men's and boys' jackets, other.....	"	65,435	136,022
Boys' overcoats.....	"	142,847	936,504
Men's overcoats and topcoats.....	"	639,330	8,580,319
Coats and cloaks—Women's			
Woollen.....	No.	927,825	11,135,744
Silk.....	"	27,898	170,695
Other.....	"	20,195	308,250
Coats—Children's			
Woollen.....	No.	291,120	1,360,888
Other.....	"	82,607	225,808
Coats—other			
Blazers (see "Sport Clothing").			
Leather coats and vests, not elsewhere specified.....	dos.	15,305	910,157
Mackinaws and windbreakers.....	—	—	2,015,438
Washable coats, men's and boys'.....	dos.	40,490	491,610
Rubber and rubberized coats.....	No.	571,912	994,161
Waterproofed and oiled coats, other.....	"	53,848	176,163
Other coats, not specified.....	—	—	221,023
Coats, fur—			
Children's.....	No.	1,266	30,683
Ladies'.....	"	91,766	8,456,551
Men's.....	"	5,890	285,245
Coats, fur-lined—			
Ladies'.....	No.	971	47,874
Men's.....	"	21	2,009
Children's.....	—	—	—
Coat shells.....	No.	131	18,191
Cocoa (made for sale).....	lb.	7,453,961	1,099,361
Cocoa butter, made for sale.....	"	3,469,447	630,865
Cocoa and chocolate preparations, not specified.....	"	1,432,114	295,249
Cocoanut, prepared and desiccated.....	"	6,213,538	689,450
Coffee, condensed.....	—	—	—
Coffee, roasted.....	lb.	30,032,590	7,888,950
Coffee substitute.....	—	—	—
Coffee-makers, glass.....	—	—	—
Coffins.....	No.	4,984	50,295
Coffin boxes (shells).....	"	81,580	250,563
Coke, gas-house.....	short ton	2,404,793	10,710,008
Coke, petroleum.....	"	71,536	452,830
Cold storage equipment, not elsewhere specified.....	—	—	105,305
Collars, men's.....	dos.	51,226	113,099
Collars, maids', and men's cuffs.....	—	—	8,151
Collars, fur.....	No.	158,704	806,432
Collodion.....	—	—	—
Colours, butter, cheese, etc.....	—	—	99,173
Colours, dry.....	lb.	5,820,167	686,069
Colours, in oil and japan.....	"	1,411,246	306,456
Columnnair spirits.....	—	—	—
Combs.....	No.	997,479	53,771
Comforters, cotton.....	"	130,351	195,776
Comforters, down.....	"	24,967	127,998
Comforters, wool.....	"	24,646	121,040
Comforters, other.....	"	14,840	39,900
Compressors, air.....	—	—	1,034,270
Conduit, electrical.....	—	—	858,518
Conduit fittings.....	—	—	186,190
Conduit, wood and paper.....	—	—	—
Cones and wafers, ice cream.....	M	134,192	269,933
Cones and tubes, textile winding.....	—	—	131,153
Confectionery, chocolate—			
In bulk.....	lb.	26,753,612	5,103,503
In bars.....	dos.	15,186,287	5,572,889
In packages.....	lb.	7,845,545	2,615,136
Not specified.....	"	234,853	75,450
Confectionery, sugar—			
In bulk.....	lb.	39,546,913	5,093,797
In bars.....	dos.	1,209,092	370,486
In packages.....	lb.	2,163,635	696,782
Confectionery, other—			
Penny goods.....	gr.	2,600,316	2,315,207
Lozenges.....	lb.	1,067,450	152,528
Not specified.....	"	3,312,724	408,885

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Containers, not specified	—	—	274.085
Control and starting equipment, not elsewhere specified	—	—	842.119
Converter equipment, electrical	—	—	593.749
Coolers, milk	—	—	*
Cooperage products, not specified	—	—	208.208
Copper carbonate and copper cyanide	—	—	*
Copper metal (other than smelter products)	lb.	2,226,508	179.001
Copper products, not specified	—	—	45.881
Core compound	lb.	1,115,580	19.198
Cores for paper rolls	—	—	*
Cores, radiator	—	—	369.383
Corn, cracked	lb.	43,403,310	677.336
Corsets, girdles, brassieres, etc.—			
Corsets	doz.	133,774	2,295.842
Combination garments	—	60,376	1,296.576
Bandeaux, brassieres, etc.	—	—	912.822
Corset steels and clasps	—	—	127.117
Cutter pins	—	—	*
Cotton fabrics—			
Bleached or white	yd.	31,519,185	3,430.306
Unbleached or grey	"	150,218,465	15,842.229
Printed, dyed or coloured	"	120,254,896	17,238.842
Not specified	"	1,734,755	464.782
Counters, shoe	—	—	277.486
Covering, boiler and pipe, asbestos	ft.	1,757,708	162.216
Covers, metal, automobile	—	—	*
Covers, canvas	—	—	242.754
Covers, couch, table and other furniture	—	—	89.632
Covers, mattress	doz.	5,140	38.163
Covers, radiator, tire, seat, etc., fabric	—	—	136.618
Covers, not specified	—	—	105.286
Cracklings and fats	lb.	15,001,020	333.272
Crayons, wax and chalk	—	—	112.195
Cream, sold in dairy factories	lb.	16,046,108	7,784.480
Cream, whey, sold in dairy factories	—	611,325	114.223
Cream of tartar, refined	"	493,531	138.866
Cream separators	No.	10,902	710.003
Croquet sets	—	—	*
Cross arms	—	—	62.232
Croton aldehyde	—	—	*
Crushers and parts	—	—	239.823
Cuffs, fur	pr.	29,437	132.380
Cultivators	No.	5,683	376.531
Culverts, sheet metal	—	—	715.952
Cups, paper, drinking	No.	99,497,870	258.668
Curtains and curtain material	—	—	1,329.392
Curtain rods and fixtures	—	—	257.300
Cushions (See also pillows and cushions)	—	—	140.312
Cushion forms	No.	192,711	52.947
Cushions and mattresses, air and sponge	doz.	711	11.172
Cutlery, all kinds	—	—	592,001
Cyanide, gold and gold sodium	—	—	*
Dairy products, not specified	—	—	*
Dairy equipment, not specified	—	—	613.376
Decorations, including party favours, confetti, etc.	—	—	72.832
Dentists' supplies, not elsewhere specified	—	—	145.590
Deodorant	—	—	339.908
Depressors, tongue	—	—	*
Desk sets	No.	5,128	17.010
Dextrine	—	—	*
Diaries, printed, etc.	—	—	84.914
Dies, cutting	—	—	162.509
Dies, stamping	—	—	32.734
Dies, taps and stocks	—	—	474.960
Dies, drawing	—	—	87.002
Dies, rubber, a.s.	—	—	9.923
Diggers, potato	No.	142	16.591
Dises, agricultural (one-way)	"	4,455	778.718
Dish cloths	—	—	34.070
Disinfectants	—	—	251.333
Display forms, stands and mounting	—	—	169.838
Distillers' grain	—	—	76.667

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Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Dog collars.....	—	—	14,428
Dolls of all kinds.....	—	—	*
Dolls' furnishings.....	—	—	*
Doors, steel rolling, Kalomein and hollow metal.....	—	—	189,446
Dowels.....	M lin. ft.	18,325	81,568
Draperies and drapery material.....	—	—	67,207
Dresses, women's, including "house dresses".....	No.	10,341,524	22,620,124
Dresses, children's.....	No.	2,636,274	1,902,540
Dressing gowns, negligees (see "Bathrobes, etc.").	—	—	*
Dressing, salad.....	lb.	1,910,932	438,026
Driers, flammable.....	Imp. gal.	40,449	46,468
Drills, grain.....	No.	7,358	964,582
Drills, rock.....	—	—	801,080
Drills, not elsewhere specified.....	—	—	510,817
Druggists' sundries, not specified.....	—	—	252,323
Dyeing, finishing, shrinking, etc.—	—	—	*
Dyeing and finishing of textiles.....	yd.	30,136,403	2,017,823
Dyeing and finishing of yarns.....	lb.	1,862,413	1,099,812
Dyeing and finishing of other products.....	—	—	384,598
Bleaching, sponging, etc.....	—	—	195,814
Dyes.....	—	—	316,053
Eavestrough and pipe.....	—	—	241,981
Economizers.....	—	—	*
Egg substitute, including powdered albumen.....	—	—	114,620
Eggs, frozen.....	lb.	2,919,292	517,389
Eiderdown.....	—	—	*
Elastic products.....	—	—	85,383
Electrical apparatus, parts and supplies, not elsewhere specified.....	—	—	942,240
Electrical instruments, ammeters, etc.....	—	—	1,200,815
Electrodes, carbon and graphite.....	—	—	*
Electrotyping and stereotyping.....	—	—	1,050,472
Elevator parts.....	—	—	356,525
Elevators, freight and passenger.....	—	—	1,577,656
Embalming fluid.....	—	—	36,525
Embossing.....	—	—	71,644
Embroideries and laces.....	—	—	114,778
Enamel, synthetic type.....	Imp. gal.	559,329	1,725,856
Enamel, frit.....	—	—	*
Enamel, Japan.....	Imp. gal.	109,464	120,757
Enamels, other.....	—	554,850	1,794,743
Engines, aircraft.....	—	—	*
Engines, auto and parts, not elsewhere specified.....	—	—	*
Engines, gasoline.....	—	—	815,921
Engines, steam.....	—	—	79,905
Engines, diesel and other, not specified.....	—	—	268,738
Engraving (trade work).....	—	—	123,306
Engravings, metal.....	—	—	11,879
Ensilage cutters.....	No.	278	35,271
Envelopes, made.....	M	1,232,026	2,268,807
Envelopes, printed.....	—	—	1,842,726
Ethyl acetate.....	—	—	*
Excavators.....	No.	46,896	20,393
Excelsior—	—	—	*
Wood.....	ton	4,393	109,895
Paper.....	"	412	25,572
Excelsior pads, wrappers, etc.....	No.	2,392,450	95,057
Explosives.....	—	—	7,007,585
Extracts, flavouring.....	—	—	1,305,407
Extracts, flavouring, concentrates, etc. (used as base for soft drinks)	—	—	377,978
Fabrics, bathrobe and kimono, not elsewhere specified.....	—	—	30,953
Fabrics, coated and impregnated, not elsewhere specified.....	—	—	1,656,313
Fabrics, not specified.....	—	—	86,683
Facings and parting, foundry.....	ton	4,144	68,977
Fanning mills.....	—	—	9,344
Fans, electric.....	—	—	*
Fasteners, zipper.....	—	—	568,992
Fasteners of all kinds, not elsewhere specified.....	—	—	467,904
Fathers, artificial.....	—	—	85,172
Feed, chopped.....	ton	839,738	23,846,296
Felt, coated and saturated (fabrio).....	—	—	207,684
Felt, cotton.....	lb.	1,181,492	83,278

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Felt, for pulp and paper-making (wool and cotton).....	lb.	3,303,463	3,341,572
Felt, hair.....	"	819,055	99,405
Felt, harness.....	"	279,346	105,488
Felt, jute.....	"	"	"
Felt, padding.....	"	"	92,543
Felt, lining and trimming.....	"	"	125,901
Felt, paper (see "Paper").			
Felt, shoe.....	yd.	276,516	207,364
Felt, insole.....	lb.	72,930	21,770
Felt, not specified.....	"	"	389,809
Fence and railing, iron.....	"	"	41,663
Fencing, wire.....	short ton	9,484	800,568
Fencing, chain link fabric.....	"	1,302	214,533
Fencing, snow.....	"	"	176,330
Ferro-alloys (ferro-silicon, ferro-manganese, etc.).....	"	"	"
Fertilizers.....	lb.	349,256,726	4,213,657
Fibre board.....	"	"	391,201
Fibre, vulcanized.....	"	"	"
Fibre products, not elsewhere specified.....	"	"	6,344
Files and rasps.....	"	"	"
Filing system supplies.....	"	"	530,672
Fillers, non-metallic minerals.....	"	"	"
Fillers and flats, egg case.....	"	"	120,056
Fillers, paste and liquid.....	"	"	61,471
Fillings, pie and cake.....	lb.	2,357,132	200,854
Films, motion picture.....	"	"	"
Films, photographers.....	"	"	"
Filters, filter presses, discs, etc.....	"	"	126,061
Firebrick, from imported clay.....	"	"	390,220
Firebrick, from domestic clay.....	No.	2,549,000	118,923
Fire clay.....	ton	2,437	17,639
Fire-clay blocks and shapes, from domestic clay.....	"	"	65,171
Fire extinguishers.....	"	"	248,066
Fire fighting equipment, not elsewhere specified.....	"	"	133,262
Fireplace furnishings.....	"	"	"
Fireworks.....	"	"	"
Fish, canned and otherwise prepared in factories.....	"	"	20,254,627
Fish, fresh, marketed for consumption, sold in factories.....	"	"	6,430,174
Fishing nets and fishing tackle.....	"	"	231,175
Fittings and stops, gas and water.....	"	"	"
Fixtures, lighting, exterior.....	"	"	270,128
Fixtures, lighting, interior.....	"	"	1,212,335
Fixtures, lighting, not specified.....	"	"	451,962
Flags and bunting.....	"	"	73,085
Flashlights.....	"	"	"
Flatware, electro-silver plated.....	"	"	1,294,909
Flax products.....	"	"	"
Flax seed.....	bush.	17,648	82,536
Floor covering, conglomerum and other.....	"	"	"
Flooring, hardwood.....	M ft. b.m.	41,218	2,263,702
Floor tile and joists, steel.....	ton	1,277	133,448
Flour, barley (see "Flour and Meal").	"	"	"
Flour, buckwheat.....	lb.	1,443,967	38,006
Flour, corn.....	"	35,692,992	534,917
Flour, gluten.....	"	"	"
Flour, low grade or feed.....	ton	28,043	701,703
Flour, pancake.....	"	"	"
Flour, potato (see "Starch and flour, potato").	"	"	"
Flour, preparations for sausage fillings.....	"	"	"
Flour, prepared, and self-raising.....	lb.	6,423,126	527,549
Flour, soya bean.....	"	"	"
Flour, wheat, blended.....	bbl.	105,468	451,740
Flour, wheat, fall and winter.....	"	886,839	3,791,742
Flour, wheat, spring.....	"	13,940,834	61,760,446
Flour, graham, or whole wheat.....	lb.	10,904,595	327,913
Flour and meal, rice.....	"	"	"
Flour and meal, barley.....	lb.	19,950,623	261,514
Flour and meal, rye.....	"	7,083,366	223,316
Flowers, artificial.....	"	"	283,813
Fly pads and paper.....	"	"	"
Fly swatters.....	"	"	"
Foil, tin, lead and aluminium.....	"	"	"
Folding (trade work).....	"	"	41,079

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

** Information cannot be published.

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value. \$
Food drinks (powdered).....	—	—	556,266
Food drinks (liquid).....	gal.	1,266,818	534,828
Food, fox and dog.....	—	—	1,088,733
Food, poultry, stock, etc.....	—	—	9,326,474
Food, infant and dietetic, prepared.....	lb.	559,395	185,579
Food, infants', canned.....	—	1,742,346	424,677
Food products, not specified.....	—	—	116,730
Foot wear, leather—			
Felt upper, babies.....	pair	4,029	4,003
Felt upper, boys.....	"	28,065	32,215
Felt upper, children's.....	"	76,126	73,670
Felt upper, men's.....	"	313,677	387,379
Felt upper, women's.....	"	352,963	230,973
Leather or fabric upper, babies.....	"	902,672	549,063
Leather or fabric upper, boys.....	"	1,140,229	1,594,297
Leather or fabric upper, children's.....	"	2,576,218	2,509,840
Leather or fabric upper, men's.....	"	5,522,003	12,394,902
Leather or fabric upper, women's.....	"	8,533,624	15,990,540
Foot wear, shoe packs, harrigans and moccasins—			
Babies.....	pair	8,205	5,050
Boys.....	"	61,783	56,231
Children's.....	"	20,413	14,720
Men's.....	"	138,904	179,765
Women's.....	"	50,942	27,325
Not specified.....	—	—	19,340
Foot wear, rubber—			
Knee and hip rubber boots.....	pair	2,937,818	5,153,413
Lumbermen's rubber boots.....	"	1,505,079	2,648,598
Overshoes.....	"	8,087,937	4,884,758
Rubbers, light, including bathing shoes.....	"	4,713,487	3,123,801
Canvas, rubber-soled, balmorals.....	"	518,163	442,426
Canvas, rubber-soled, oxfords.....	"	4,133,159	3,021,254
Forgings, not elsewhere specified.....	—	—	2,320,090
Forks (hand implements).....	No.	540,100	399,809
Formaldehyde.....	—	—	—
Forms, continuous, printed.....	—	—	1,559,192
Fountains, soda.....	—	—	—
Frames, spectacle.....	—	—	—
Fringes, cords and tassels.....	—	—	222,336
Fruit butter.....	—	—	—
Fruit peel, candied.....	lb.	1,837,036	305,411
Fruit, canned—			
Apples.....	lb.	12,688,368	628,674
Apple sauce.....	—	—	—
Apricots.....	lb.	1,919,830	194,603
Blueberries.....	"	1,196,804	88,649
Cherries.....	"	4,030,197	330,809
Cranberry.....	—	—	—
Currants.....	lb.	1,314,184	120,791
Figs.....	"	12,774,939	1,274,251
Grapes.....	"	23,194,720	1,850,165
Guava.....	—	—	—
Jams.....	lb.	2,441,780	155,154
Raspberries.....	"	1,264,147	144,127
Rhubarb.....	"	424,793	16,236
Strawberries.....	"	1,083,918	127,744
Fruits for salads.....	—	—	—
Other small fruits, not specified.....	—	—	10,504
Fruit, evaporated, other than apples.....	—	—	—
Fruit, fountain.....	—	—	475,452
Fruit, glacés.....	lb.	1,642,003	380,594
Fruit and vegetables, cold processed.....	"	1,789,129	161,027
Fruit processed with sulphur dioxide.....	"	3,204,607	260,066
Food, hog.....	cord	170,110	125,894
Fluoridators.....	—	—	—
Furnaces, electro-metallurgical.....	—	—	117,750
Furnaces, hot air.....	No.	18,976	1,362,139
Furnace parts, not elsewhere specified.....	—	—	122,583
Furniture—			
Bedroom furniture.....	—	—	3,933,439
Dining room furniture.....	—	—	2,194,658
Kitchen furniture.....	—	—	1,152,640
Living room furniture.....	—	—	5,973,112

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Furniture—Concluded			
Other household furniture.....	—	—	1,428,566
Office furniture, steel.....	—	—	995,462
Office and store furniture and fixtures, other (see also "Store fixtures").....	—	—	1,724,241
Other steel furniture.....	—	—	178,405
Children's furniture.....	—	—	140,470
School, lodge, church and theatre furniture.....	—	—	1,115,573
Camp, lawn and verandah furniture.....	—	—	194,956
Wicker, reed and rattan furniture.....	—	—	350,842
Furniture, not specified, and other cabinet work.....	—	—	921,665
Furniture frames and parts.....	—	—	588,264
Fur dressing and dyeing.....	—	—	1,516,762
Fur trimming and fur goods, not elsewhere specified.....	—	—	799,538
Furs, remodeled, repaired, etc.....	—	—	2,240,341
Fuses, and fuse wire.....	—	—	1,022,403
Gaiters, spats and leggings.....	—	—	275,595
Galvanized ware.....	—	—	835,024
Gamies, not specified.....	—	—	124,537
Garage equipment.....	—	—	403,951
Garages, metal.....	—	—	*
Gas, made—			
Retort coal gas.....	M cu. ft.	5,341,977	—
Coke oven gas.....	"	331,137	—
Carburized water gas.....	"	1,935,390	—
Oil gas.....	"	51,342	—
Producer gas for heating and dilution.....	"	6,794,447	—
Gas sold.....	"	15,321,332	15,163,664
Gas used in heating ovens, retorts or gas plants.....	"	16,665,381	2,165,284
Gas used in associated metallurgical work.....	"	10,181,319	1,324,475
Gas, otherwise accounted for, but not sold.....	"	519,077	102,671
Gas, not accounted for.....	"	1,795,319	1,403,265
Gas, still, from petroleum refineries.....	"	6,083,549	1,208,556
Gasoline.....	Imp. gal.	567,659,276	50,586,980
Gates, wire.....	—	—	67,806
Gauges, not specified.....	—	—	*
Gears.....	—	—	42,553
Generators—			
Alternating current.....	No.	37	569,147
Direct current.....	"	49	58,967
Generators other than for lighting purposes.....	—	—	*
Generators, steam.....	—	—	192,170
Generator parts.....	—	—	*
Glass, bent.....	—	—	11,390
Glass, bevelled, and polished edge.....	—	—	421,597
Glass, chipped or etched.....	—	—	34,377
Glass, cut.....	—	—	206,526
Glass, leaded, including memorial windows.....	—	—	110,348
Glass, non-shatterable.....	—	—	1,952,407
Glass, pressed, and blown.....	—	—	7,717,407
Glass, windshield.....	—	—	832,108
Glass products, not specified.....	—	—	116,227
Glassware, druggists', not specified.....	—	—	91,168
Gloves and mittens, fabric—			
Dress.....	doz. pr.	46,077	187,812
Work.....	"	353,651	567,808
Gloves and mittens, leather, dress—			
Men's, lined.....	doz. pr.	72,303	690,411
Men's, unlined.....	"	47,799	438,813
Women's and children's, lined.....	"	22,113	188,033
Women's and children's, unlined.....	"	38,473	383,210
Gloves and mittens, leather, work—			
Men's, lined.....	doz. pr.	111,623	748,559
Men's, unlined.....	"	258,942	1,346,684
Boys', lined.....	"	45,572	205,667
Boys', unlined.....	"	6,958	25,752
Gloves and mittens, leather, not specified.....	"	9,106	45,103
Gloves and mittens, fur and fur-lined.....	—	511	2,056
Gloves, rubber.....	doz.	120,874	236,776
Glucose or dextrose.....	—	—	*
Glue (bone, hide, fish and vegetable).....	lb.	13,350,210	1,241,618
Glue stock.....	"	18,356,889	227,864
Gluten.....	—	—	*
Glycerine, crude (sold as such).....	lb.	1,624,194	173,935

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Greenerine, refined.....	lb.	7,895,868	1,002,395
Gold alloys.....	—	—	430,993
Gold, fine.....	—	—	1,244,636
Gold leaf.....	—	—	24,504
Golf supplies, not elsewhere specified (including golf bags, clubs, sticks, heads and stick shafts).....	—	—	296,328
Grains, sold wet and dry (breweries).....	ton	43,171	226,362
Graite, crt (building and ornamental).....	—	—	1,647,311
Grape juice.....	gal.	91,049	119,470
Graphite.....	—	—	80,065
Grate bars.....	lb.	686,264	31,708
Grouse.....	"	21,145,565	997,182
Grills and hot plates, electric.....	No.	58,913	130,538
Grinders, metal-working.....	—	—	77,596
Grinding balls.....	—	—	480,110
Grinding compound.....	—	—	*
Gums, synthetic.....	—	—	2,450
Gums, unvulcanized.....	lb.	101,277	38,681
Gymnasium supplies, not specified.....	—	—	4,319
Gypsum blocks.....	—	—	*
Hair, animal.....	—	—	277,221
Hair goods.....	—	—	*
Hair wavers and curlers.....	—	—	118,394
Halters.....	—	—	59,968
Hammers.....	—	—	*
Hammo-stands.....	—	—	*
Hammocks.....	No.	5,660	13,152
Handkerchiefs.....	dos.	145,009	114,078
Handles, broom and mop.....	No.	8,311,788	154,148
Handles, long, tool and axe.....	"	2,178,549	528,395
Handles, small tool.....	"	14,672,115	244,355
Handles, not specified.....	—	—	47,250
Hangers, garment.....	—	—	64,293
Hardware, automobile.....	—	—	681,633
Hardware, builders.....	—	—	1,762,601
Hardware, carriage and saddlery.....	—	—	203,869
Hardware, other, not specified.....	—	—	1,958,678
Harness, double.....	set	6,047	219,834
Harness, single.....	"	4,169	84,659
Harness collars.....	No.	118,377	299,925
Harness parts.....	—	—	622,868
Hatrows.....	No.	19,311	355,029
Hatrow sections and parts, not specified.....	—	—	78,265
Hat blocks.....	—	—	66,520
Hat boxes.....	—	26,905	149,165
Hat linings.....	dos.	190,483	96,590
Hats, cotton.....	"	32,363	107,210
Hats, fur felt—			
Men's.....	dos.	89,297	2,135,461
Women's.....	"	42,508	953,139
Children's.....	"	3,064	39,052
Hats, wool felt—			
Men's.....	dos.	38,682	481,508
Women's.....	"	164,080	1,844,177
Children's.....	"	7,101	67,268
Hats, velvet.....	"	4,145	102,168
Hats, linen.....	"	1,540	11,300
Hats, straw—			
Men's.....	dos.	28,431	109,741
Women's.....	"	113,114	1,642,789
Children's.....	"	21,130	75,963
Other, not specified.....	"	10,674	11,049
Hats, panama.....	—	3,247	39,850
Hats, silk, men's.....	—	—	*
Hats, silk and crepe, women's and children's.....	dos.	21,004	229,543
Hats, velvet.....	"	15,683	210,200
Hats, wool.....	"	3,317	24,678
Hats, not specified—			
Women's.....	dos.	2,286	42,046
Children's.....	—	—	39,801
Not specified.....	—	—	133,820
Tams and berets.....	—	—	155,642

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Hats, cleaned and reblocked.....	—	—	36,959
Hat bodies.....	doz.	335,995	1,731,987
Hay carriers.....	—	—	*
Hay forks.....	—	—	*
Hay loaders.....	No.	1,259	91,741
Hay presses.....	—	—	*
Hay rakes, side delivery and tedder combined.....	No.	299	21,927
Hay rakes, other.....	"	5,895	182,761
Heading, barrel.....	—	—	208,907
Heaters, air, electric.....	No.	11,494	35,514
Heaters, auto engine.....	—	—	21,927
Heaters, boiler feed, water.....	—	—	*
Heaters, car.....	—	—	*
Heaters, water, electric.....	No.	21,231	119,633
Heaters, water, gas.....	—	—	158,758
Heaters, water, cast iron.....	—	—	40,120
Heaters, not specified.....	—	—	212,342
Heaters, electric, unit.....	—	—	206,230
Heating and ventilating equipment, not elsewhere specified.....	—	—	1,317,935
Helm, leather and wood.....	pair	11,437,953	918,345
Helm board.....	—	—	*
Helm, rubber, and composition.....	pair	16,578,313	805,275
Helmets.....	doz.	17,950	94,791
Hides, not specified.....	—	—	4,483,742
Hockey pucks.....	—	—	6,778
Hockey sticks.....	No.	667,419	172,142
Hoes, hand.....	"	159,533	76,050
Hoes, horse.....	"	554	5,049
Hoists.....	—	—	1,155,814
Hollow-ware, sterling silver.....	—	—	138,040
Hollow-ware and spinnings, brass and copper.....	—	—	359,720
Hollow-ware, electro-plated, on nickel-silver.....	—	—	169,195
Hollow-ware, electro-plated, on Britannia metal.....	—	—	414,617
Hollow-ware, electro-plated, on brass or copper.....	—	—	915,170
Hollow-ware, pewter.....	—	—	*
Hollow-ware, iron and steel.....	—	—	99,758
Honey butter.....	—	—	*
Hooks, eyes, metal notions, etc.....	—	—	13,528
Hoops, wooden.....	No.	2,731,390	31,783
Hoops, metal.....	—	—	60,413
Horse-radish, prepared.....	lb.	148,318	44,319
Horsehoes.....	—	—	267,585
Hose clumps.....	—	—	*
Hose, fire, unlined, linen.....	—	—	*
Hose, rubber.....	lb.	5,485,426	1,873,927
Hosiery—			
Cotton and chiefly cotton.....	doz. pr.	1,493,911	2,556,931
Cashmere.....	"	194,066	732,729
Mercerized.....	"	328,460	682,400
Merino and mixed.....	"	80,513	212,529
Artificial silk.....	"	311,913	683,635
Artificial silk and mixtures.....	"	336,209	850,195
Silk.....	"	2,253,110	12,124,807
Silk mixed.....	"	93,637	393,066
Woolen and mixtures.....	"	1,252,858	3,645,568
Worsted from oil spun yarn.....	"	197,240	626,658
Not specified.....	"	13,914	35,145
Humidifiers.....	—	—	93,907
Hydrants.....	No.	689	39,002
Hydrogen.....	cu. ft.	40,313,740	74,345
Hydrogen peroxide.....	—	—	*
Ice, artificial.....	ton	343,811	1,393,121
Ice cream.....	gal.	7,517,830	8,925,031
Ice cream mix.....	—	—	368,818
Ice cream sundries.....	—	—	30,762
Ice cream freezers.....	—	—	*
Iceings and icing paste.....	lb.	1,110,441	74,838
Ignition coils, etc.....	No.	278,078	249,437
Incubators and other poultrymen's supplies.....	—	—	177,631
Infants' wear, not specified.....	—	—	212,812
Ingot and bars, brass, bronze, aluminium, etc.....	—	—	347,612
Ingot, steel (sold).....	—	—	*

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Inks, printing and lithographing.....	lb.	9,756,389	2,366,364
Inks, writing and inks not specified.....	—	—	314,530
Insecticides.....	—	—	831,005
Insulating materials, not elsewhere specified.....	—	—	117,141
Insulator pins and brackets.....	—	—	21,039
Insulators, porcelain.....	—	—	1,001,070
Insulin.....	—	—	*
Iron, corrugated products.....	—	—	1,109,105
Iron, pig—			
Quantity made.....	long ton	678,231	—
Quantity sold.....	"	168,054	3,327,716
Ironing boards.....	—	—	10,218
Ironers, electric.....	No.	8,826	371,078
Irons, flat, electric.....	"	168,114	270,586
Irons, gasoline.....	—	—	*
Iron work, ornamental and architectural.....	—	—	972,854
Jacks, automobile.....	—	—	98,840
Jacks, pump.....	No.	542	4,827
Jams.....	lb.	36,755,546	3,599,249
Javelle water.....	—	—	482,124
Jellies.....	lb.	2,192,038	247,537
Jersey cloth, stockinette and tricolette.....	—	—	1,418,675
Jewellery.....	—	—	2,810,217
Jute, jute paddings and webbing.....	—	—	95,071
Kapak.....	—	—	*
Kegs, beer.....	No.	15,358	55,630
Kegs, fish.....	"	3,024	2,671
Kegs, nail, etc.....	"	849,210	194,403
Kerosene.....	Imp. gal.	28,980,616	2,611,596
Kitchen equipment for hotels, cafeterias, etc.....	—	—	222,504
Kitchenware, aluminium.....	—	—	1,334,380
Kitchenware, other.....	—	—	1,463,814
Kleenex and other facial paper.....	—	—	*
Knitted goods, miscellaneous, not elsewhere specified.....	—	—	350,749
Knives, machine.....	—	—	193,145
Labels, paper, gummed.....	—	—	*
Labels, woven.....	—	—	374,523
Laces, shoe, fabric.....	—	—	462,824
Laces, shoe, leather.....	doz. pr.	26,673	18,814
Laces, sport.....	—	—	*
Lacing, wire.....	—	—	*
Lacquers, nitrocellulose (pyroxyline).....	Imp. gal.	614,540	1,634,402
Lacrosse sticks.....	—	—	*
Ladders, step, extension, etc.....	—	—	69,738
Lamps, automobile.....	—	—	*
Lamps, incandescent, except therapeutic.....	No.	35,611,921	4,785,279
Lamps, table and floor.....	—	—	513,320
Lamps and lanterns, railway, marine, etc.....	—	—	342,130
Lamp shades.....	—	—	462,902
Lamp stands and lamp bases.....	—	—	143,458
Lard.....	lb.	53,786,476	6,476,781
Lasts, shoes and shoe findings, not elsewhere specified.....	—	—	367,807
Lathes, metal.....	—	—	120,969
Lath, metal.....	—	—	300,548
Lath, wood.....	—	—	879,471
Laundry nets and ribbons.....	—	—	24,263
Lead, antimonial.....	lb.	8,265,311	396,430
Lead, arsenate.....	—	—	*
Lead, refined (other than smelter products).....	lb.	2,360,308	85,095
Lead, red.....	"	1,205,294	73,829
Lead, white, dry.....	"	4,321,909	284,112
Lead, white, in oil.....	"	9,312,967	651,330
Lead, sheet.....	"	2,042,382	171,464
Lead bars and ingots.....	"	2,199,907	110,396
Lead products, not specified.....	"	259,993	27,412
Leads for pencils.....	tube	1,024,853	38,200
Leather—			
Belting leather.....	lb.	355,637	214,832
Bookbinders' leather.....	—	—	*
Bag, pocket-book and trunk leather.....	sq. ft.	18,702,749	2,338,551

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Leather— <i>Concluded</i>			
Harness leather.....	lb.	3,004,071	846,940
Lace leather.....	"	68,019	44,406
Oil tanned sheepskin leather.....	"	83,773	18,745
Sole leather—			
Chrome.....	lb.	349,157	121,731
Hemlock.....	"	48,292	31,275
Oak.....	"	18,914,575	5,861,507
Splits and other.....	—	—	37,069
Upholstering leather.....	sq. ft.	957,911	183,515
Upper leather—			
Calf skins.....	sq. ft.	16,826,251	4,137,264
Cattle and horse hides.....	"	23,974,437	4,023,343
Chrome splits.....	"	12,164,073	1,237,072
Goat skins.....	—	—	—
Patent and enamelled shoe leather.....	sq. ft.	11,476,107	1,910,726
Sheep skins.....	"	4,093,993	434,962
Wax splits.....	"	416,000	40,425
Other.....	—	—	160,357
Leather splits, not specified.....	—	—	452,746
Other leather, not specified.....	—	—	48,599
Leather, artificial, not elsewhere specified.....	—	—	—
Leather board.....	—	—	76,118
Leather goods, not specified.....	—	—	178,011
Leather, tanned (custom work).....	—	—	335,071
Lenses, optical.....	—	—	345,424
Life buoys and jackets.....	—	—	10,479
Lighters, cigarette.....	—	—	—
Lightning arresters, not elsewhere specified.....	—	—	—
Lightning rods and supplies.....	—	—	69,304
Lime, grey acetate.....	lb.	5,650,615	81,006
Lime for own use.....	ton	14,105	—
Lime, hydrated.....	short ton	101,128	587,657
Lime, quick.....	"	410,623	2,843,185
Limestone.....	—	—	540,537
Linings, brake, asbestos.....	ft.	2,558,192	392,309
Linings, glove, shoe and rubber.....	—	—	175,425
Linings, not specified.....	—	—	23,015
Litharge.....	lb.	4,487,628	233,087
Lithographing (<i>see</i> "Printing").	—	—	—
Locomotives, new.....	—	—	—
Locomotive and car parts.....	—	—	2,714,114
Lubricating systems, automobile.....	—	—	—
Lumber, matched.....	M ft. b.m.	117,420	3,978,226
Lumber, planed.....	"	107,800	3,792,081
Lumber, sawn.....	"	3,412,151	61,965,540
Lumber, not specified.....	—	—	544,748
Lye.....	lb.	2,284,736	293,778
Macaroni and spaghetti, canned.....	lb.	8,746,469	672,780
Macaroni, vermicelli, spaghetti, etc.....	"	37,703,889	1,849,748
Machinery—			
Adding machines.....	No.	4,042	387,947
Bakers' mixing machines.....	—	—	174,969
Bakers' machinery, not elsewhere specified.....	—	—	119,287
Baling machinery.....	—	—	—
Boot and shoe machines.....	—	—	—
Boring machines (wood-working).....	—	—	3,715
Bottlers' machinery.....	—	—	—
Brewery and distillery machinery.....	—	—	—
Canning machinery and parts.....	—	—	—
Cheese factory machinery.....	—	—	—
Chlorinating machinery.....	—	—	—
Cleaning and pressing machinery.....	—	—	204,746
Coal handling and coal pulverizing machinery.....	—	—	127,651
Coffee mills.....	—	—	—
Concrete and cement making machinery.....	—	—	82,015
Confectioners' machinery, not elsewhere specified.....	—	—	—
Dairy machinery.....	—	—	389,572
Elevating and conveying machinery.....	—	—	898,243
Flour and grist mill machinery, not elsewhere specified.....	—	—	60,104
Fog signalling machinery.....	—	—	—
Grain cleaners.....	—	—	—
Grain grinders.....	No.	1,554	67,223

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Machinery— <i>Concluded</i>			
Grain elevator machinery	—	—	342,478
Hoisting machinery, not elsewhere specified	—	—	319,064
Ice-making machinery	—	—	—
Industrial machinery, not elsewhere specified	—	—	4,450
Kitchen machinery, not specified	—	—	—
Laundry machinery	—	—	752,638
Leather-working machinery, not elsewhere specified	—	—	4,845
Logging machinery	—	—	—
Metal-working machinery, not elsewhere specified	—	—	346,468
Metering equipment	—	—	—
Milking machines	—	—	—
Milling cutters	—	—	—
Milling machinery, metal working	—	—	—
Mining and metallurgical machinery, not elsewhere specified	—	—	1,685,430
Office machinery, not elsewhere specified	—	—	8,386
Oil-refining and refrigerating equipment	—	—	—
Packing house machinery	—	—	49,864
Paint-making machinery	—	—	—
Pipe-cutting and threading machinery	—	—	47,050
Printing machinery	—	—	32,871
Pulp and paper machinery	—	—	1,704,604
Refrigerating machinery	—	—	91,811
Road and excavating machinery	—	—	796,185
Rolling mill machinery	—	—	—
Rubber mill machinery	—	—	224,247
Sawing, hand, machines	—	—	—
Saw and planing mill machinery	—	—	180,586
Sewing machines	—	—	—
Shingle machinery	—	—	8,218
Ships' machinery and fittings	—	—	128,057
Stone-working machinery	—	—	6,922
Syrup-making machinery	—	—	—
Textile machinery, not elsewhere specified	—	—	110,542
Transmission machinery	—	—	1,076,779
Vulcanizing machinery	—	—	—
Washing machines, electric	No.	87,744	4,263,542
Washing machines, hand	"	11,557	142,474
Washing machines, of her power	"	3,337	194,614
Water-softening equipment	—	—	—
Well-drilling machinery	—	—	9,803
Wood-working machinery, not elsewhere specified	—	—	44,591
Machinery, not specified	—	—	1,106,636
Machinery parts, not specified	—	—	963,709
Mackinaw	yd.	678,335	617,822
Magnesia, fused	—	—	—
Magnesium carbonate	—	—	—
Magnesium stearate	—	—	—
Malt, made for sale	—	—	—
Malt flour	lb.	1,581,832	94,916
Malt extract and syrup	—	—	580,715
Malt coommings and sprouts	—	—	44,876
Malt, prepared, other	—	—	—
Mantles, lamp	—	—	—
Manure spreaders	No.	3,089	238,065
Maple butter	—	—	—
Maps	—	—	218,011
Marble, cut and polished, building and ornamental	—	—	320,463
Marble chips and dust	—	—	12,807
Marine and fishermen's supplies	—	—	38,168
Marking devices	—	—	—
Marmalades	lb.	10,843,849	1,087,411
Match blocks	—	—	—
Match splints	—	—	—
Matchers and planers (wood-working)	No.	11	22,256
Matches	cases	502,948	1,491,935
Mats and matting, cocon	—	—	—
Mats and matting, rubber	lb.	4,248,915	562,581
Mattresses	No.	624,309	4,208,282
Meal, alfalfa	ton	11,199	184,247
Meal, corn	lb.	77,751,359	1,283,883
Meal, linseed and flax	—	—	17,385
Meal, oilcake	lb.	69,562,789	1,014,686
Meal, pea	"	23,600	3,119

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Meal, rice	lb.	6,134,000	67,631
Meal, soybean	"	1,144,669	20,678
Meats, canned—			
Chicken	lb.	891,813	364,544
Meats, canned, other	"	5,036,180	1,101,014
Meats, cooked, all kinds	"	18,628,543	4,526,741
Meats, cured—			
Bacon and sides	lb.	125,129,635	22,903,183
Beef (salted and cured)	"	2,713,363	231,486
Beef, smoked, corned and rolled	"	87,738	17,704
Hams	"	43,811,604	8,455,618
Pork, salted	"	48,996,160	7,163,053
Shoulders	"	25,423,592	4,010,588
Other	"	20,852,081	3,264,749
Meats, sold fresh—			
Beef	lb.	465,014,259	34,394,433
Fancy meats, not specified	"	2,612,586	185,327
Mutton and lamb	"	36,950,250	4,931,413
Pork	"	155,681,327	20,039,301
Veal	"	67,493,304	5,958,304
Other	"	6,648,408	556,499
Mechanical work, including cranes, car unloaders, etc.	ton	2,533	558,450
Medicinal and pharmaceutical preparations—			
Standard	—	—	2,964,635
Specialties, registered as patent medicines	—	—	5,221,115
Specialties sold with ingredients declared	—	—	7,123,625
Other	—	—	504,848
Metal products, not specified	—	—	402,726
Metals, recovered	lb.	770,317	29,507
Meter parts	—	—	*
Meters, gas	No.	13,240	165,251
Meters, water	—	—	*
Methyl hydrate, crude and pure	—	—	415,683
Mica products	—	—	*
Milk, sold in dairy factories	gal.	66,631,718	24,928,426
Milk, buttermilk, sold	—	—	462,926
Milk, buttermilk, condensed	lb.	921,783	21,594
Milk, condensed	"	7,986,603	724,175
Milk, condensed, skim milk	"	4,515,713	233,402
Milk, skim milk	—	—	29,619
Milk, skim milk, evaporated	lb.	185,655	4,889
Milk drinks (see "Food drinks")	—	—	*
Milk, evaporated	lb.	71,074,564	4,585,838
Milk products, not specified	—	—	41,848
Minerium	lb.	4,600,926	382,330
Mine props, wedges and laths	M lin. ft.	980	38,832
Mirrors	—	—	783,656
Molasses	lb.	46,809,259	352,285
Monuments, finished, lettered only	—	—	410,640
Mops, all kinds	—	—	493,225
Motion pictures (Positive film processed)	ft.	33,360,411	1,277,213
Motors, electric, A.C. and D.C. (except starting motors)	No.	168,184	3,297,134
Motors, other, and parts	—	—	477,084
Moulders, wood-working	—	—	42,913
Mouldings	—	—	1,017,765
Moulds, tire	—	—	*
Mounting (trade work)	—	—	305,925
Mowers, hay	No.	11,033	691,458
Mowers, lawn	"	30,903	223,198
Mucilage	—	—	54,400
Muffs and muff beds	—	—	240,537
Music, printed	—	—	*
Musical instruments and parts, not elsewhere specified	—	—	43,940
Musical instruments in process of manufacture	—	—	*
Mustard, dry	—	—	*
Mustard, prepared	—	—	334,714
Nails, furniture	—	—	*
Nails, horseshoe	—	—	*
Nails and spikes cut from plate—			
Quantity made	keg	15,495	—
Quantity sold	"	15,816	99,883

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Nails, tacks and brads, wire—			
Quantity made	keg	1,186,847	—
Quantity sold	"	1,222,343	3,922,333
Naphtha, V. M. and P. or solvent	Imp. gal.	8,961,196	692,755
Neckties	doz.	866,884	2,359,101
Neckwear, women's	"	97,704	443,706
Neckwear, not specified	"	19,060	70,239
Neck pieces, fur	No.	16,654	553,554
Neck yokes	—	—	—
Needles, knitting	—	—	—
Needles, knitting, machine	—	—	—
Nickel alloys	—	—	—
Nickel-silver, not elsewhere specified	—	—	—
Nickel salts	—	—	—
Nightdresses, all kinds	doz.	108,550	1,080,672
Nightshirts	"	9,343	83,765
Nitrogen	—	—	—
Nitrous oxide	—	—	—
Novelties, advertising, and other, not specified	—	—	85,833
Novelties, printed	—	—	886,450
Nuts, salted	lb.	189,212	95,372
Oars and paddles	—	—	53,387
Oats, rolled	lb.	151,945,972	6,132,680
Oatmeal	"	12,207,393	463,408
Oil, not specified	ton	119,172	2,662,694
Oil burners, atmospheric	No.	5,063	80,953
Oil burners, power	"	1,136	168,990
Oil burner parts	—	—	18,898
Oilcloth, other than floor	—	—	—
Oilseeds, linseed	lb.	3,999,186	56,525
Oil, coconut	"	3,229,338	240,725
Oil, core	gal.	190,210	171,431
Oil, corn, crude	—	—	—
Oil, corn, refined	—	—	—
Oil, cottonseed, refined	lb.	5,843,577	487,016
Oil, crock and other	gal.	7,848,006	1,153,445
Oil, engine and tractor distillate	Imp. gal.	33,333,038	2,967,179
Oil, fruit	—	—	—
Oil, fuel and gas, made for sale	Imp. gal.	443,747,191	10,708,163
Oil, fuel and gas, for own use	"	54,570,427	1,995,397
Oil, fuel	gal.	11,392	10,683
Oil, lard	—	—	114,774
Oil, linseed, boiled	gal.	874,241	652,679
Oil, linseed, raw	"	2,316,993	1,590,337
Oil, linseed, special	"	1,040,793	790,262
Oil, lubricating	Imp. gal.	20,439,318	4,219,815
Oil, neat foot	lb.	2,488,308	197,501
Oil, oil	"	2,722,656	207,728
Oil, peanut	"	3,781,238	292,698
Oil, silk	—	—	—
Oil, soybean	lb.	372,382	35,458
Oil, light, not elsewhere specified	Imp. gal.	3,587,797	522,159
Oil, refined, n.e.s.	lb.	3,259,633	213,897
Oil, stand blown or enamel	—	—	14,108
Oil, sulphonated, textile oils and other textile chemicals	—	—	692,907
Oil, turkey red	lb.	618,935	64,422
Oil, or other, not specified	—	—	429,203
Olives	gal.	280,497	598,285
Organs, pipe	No.	41	100,000
Organs, other	—	—	6,737
Ornaments, cake	—	—	—
Ornaments, not specified	—	—	49,108
Ovens, bakers'	—	—	140,585
Ovens, electric, industrial	—	—	142,011
Overalls, men's	doz.	247,708	3,407,876
Overalls, children's	"	73,358	472,507
Oxides, metallic colouring	—	—	—
Oxygen	cu. ft.	151,500,660	1,438,799
Packing, asbestos	lb.	257,780	113,821
Packing, rubber	"	472,206	93,479
Packing, not specified	—	—	—

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value. \$
Pads, electric.....	No.	18,571	51,133
Pads, horse shoe.....	—	—	•
Pads, securing, steel.....	—	—	•
Pads and padding, not specified.....	—	—	56,924
Pads, stamp.....	—	—	15,859
Pads, stair.....	—	—	•
Pads, sweat.....	—	—	222,172
Pads, thermal heat.....	—	—	•
Pads, ice cream.....	No.	6,119,400	45,063
Pails, oyster.....	—	981,500	8,788
Pails and tubs, wooden.....	—	—	130,169
Painting equipment, not specified.....	—	—	•
Paint, varnish and enamel removers.....	Imp. gal.	57,807	116,597
Paints, aluminium and gold.....	—	—	109,616
Paints, asphaltic and tar.....	Imp. gal.	260,558	231,682
Paints, mixed, ready for use.....	—	3,665,790	8,382,188
Paints, cold water.....	lb.	8,802,870	524,415
Paints, paste.....	—	4,522,542	460,600
Paints, iron oxide.....	Imp. gal.	55,846	82,208
Paints, varnishes and cements, coal tar.....	gal.	131,659	69,617
Paints and enamels, not specified.....	—	—	91,394
Panel boards and cabinets.....	—	—	284,007
Pants, men's—			
Woollen.....	No.	1,133,591	3,134,604
Other.....	—	383,578	547,745
Pants and bloomers, boys'—			
Woollen.....	No.	782,518	939,142
Other.....	—	412,231	368,867
Pants, breeches and knickers, outing.....	—	—	616,604
Pants and breeches, work—			
Cotton.....	doz	162,379	2,055,540
Woollen.....	—	49,679	981,280
Pants, baby, rubber.....	—	395,843	224,485
Pants, rubberized and oiled.....	—	1,868	38,823
Paper—			
Adding machine and cash register.....	—	—	53,404
Asbestos.....	lb.	1,844,768	78,796
Bag and other liners.....	—	—	•
Blotting.....	short ton	755	140,956
Blotting, coated and enamelled.....	—	—	•
Blue print.....	roll	42,030	136,123
Book and writing paper—			
Wood fibre, chief ingredient.....	short ton	36,997	4,069,157
Cover.....	—	1,109	253,959
Box cover, coloured.....	—	—	29,849
Fine paper, not specified.....	short ton	874	118,710
Writing paper, basic stock.....	—	34,436	6,245,288
Writing paper, pads, tablets, etc.....	—	—	407,101
Map, lithograph, woodcut, etc.....	short ton	997	134,502
Building and roofing paper—			
Asphalt saturated rag, asbestos and solka felt shingles.....	squares	372,031	1,646,383
Asphalt saturated rag, asbestos and solka felt sidings.....	—	33,408	162,405
Mineral surfaced rag, asbestos and solka felt roll roofing.....	—	238,587	495,521
Smooth surfaced rag, asbestos and solka felt roll roofing.....	—	822,528	1,113,265
Tar and asphalt saturated rag, asbestos and solka felts, not coated.....	ton	9,205	521,850
Tar and asphalt saturated and coated sheathings and felts.....	—	10,923	679,938
Paper, building, roofing and sheathing, untreated.....	—	—	1,461,254
Carbon.....	—	—	480,945
Cellophane, cut.....	—	—	•
Cigarette tubes and paper.....	—	—	51,954
Coated.....	ton	6,666	1,288,775
Coating paper (basic stock).....	—	528	44,670
Corrugated.....	—	—	549,293
Créped or crinkled.....	—	—	488,328
Dry transfers and decalcomania.....	—	—	248,556
Fabrics, woven paper.....	—	—	•
Foolscap, not elsewhere specified.....	—	—	72,487
Friction or flint, glazed.....	—	—	•
Glassine.....	—	—	•
Gummed (in sheets).....	—	—	•
Parchment.....	—	—	•
Paper napkins.....	—	—	378,652

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Paper— <i>Concluded.</i>			
Paper doilies, etc.	—	—	1,555
Newsprint paper—			
Hanging papers	short ton	11,312	530,270
In sheets, for printing	"	50,863	1,863,109
In rolls, for printing	"	3,159,326	102,510,400
Poster paper	"	950	68,213
Other	"	10,994	470,271
Safety paper, for cheques, etc.	—	—	219,840
Stencil	—	—	"
Tissue, basic stock	short ton	3,730	607,662
Tissue, converted	"	775	120,692
Toilet, basic stock	"	10,407	1,038,477
Toilet, converted	cases	440,974	1,652,677
Towel and napkin paper, basic stock	short ton	4,524	439,350
Towel towels	cases	161,300	462,939
Typewriter, not elsewhere specified	ream	186,487	90,062
Wall paper	—	—	"
Waterproofed, other than waxed	—	—	72,353
Waxed, basic stock	lb.	14,962,128	1,928,001
Waxed, converted	"	4,501,352	490,804
Wrapping paper—			
Fibre	short ton	3,457	310,308
Kraft, basic stock	"	74,891	6,593,288
Kraft, converted	—	—	"
Manila	short ton	7,021	682,956
Other wrapping paper	"	10,457	1,174,804
Paper miscellaneous, basic stock, not elsewhere specified	"	4,490	547,635
Paper miscellaneous, converted, not elsewhere specified	—	—	309,623
Papereries	—	—	338,741
Paper board—			
Kristol and index board	short ton	2,774	435,972
Corrugated board	"	32,896	1,727,876
Coloured boards, all grades	"	11,848	718,745
Liner, kraft	"	35,072	1,868,454
Manila, lined	"	11,320	620,994
Mill wrappers	"	47,004	1,345,797
Mounting board	—	—	"
Clay coated and enamelled	—	—	"
Patent coated, white	short ton	40,507	2,603,209
Control, other, not specified	—	—	195,648
Testboard	short ton	60,419	2,680,844
Silicated	—	—	"
Wallboard, all kinds, not elsewhere specified	—	—	2,568,611
Wholly from waste paper	short ton	24,378	993,048
Wholly from wood pulp	"	35,994	1,537,490
Combination board, not specified	"	11,609	555,575
All other board and paper, not specified	—	—	424,284
Paraldehyde	—	—	"
Paste, adhesive	—	—	172,521
Paste, fish and meat	—	—	"
Paste, tooth	—	—	1,567,691
Patterns and models, foundry and other	—	—	313,730
Patterns, paper	No.	3,894,083	624,679
Patterns, rug	—	—	"
Patterns, shoe	No.	233,137	98,769
Peanut butter	lb.	10,045,477	1,106,982
Peanuts, roasted and salted	"	7,320,132	758,491
Peas, split	"	1,302,063	43,786
Peavies, cant hooks and pike poles	—	—	131,861
Pectin	lb.	8,199,297	517,188
Pencils, ordinary lead	doz.	1,750,230	391,902
Pencils, adjustable lead	"	32,032	163,673
Pencils, other, not specified	—	—	6,013
Pennants	—	—	36,831
Pens, fountain	No.	998,045	1,170,525
Pens (fountain), parts, pen holders and nibs	—	—	120,570
Percolators, electric	No.	8,703	65,953
Perfumes	—	—	429,357
Periodicals (printed by publishers)—			
Magazines, other periodicals, etc.	—	—	4,510,063
Newspapers, daily	—	—	36,756,273
Newspapers, weekly, and other	—	—	7,884,326
Photographs	—	—	"

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Phonographs, records.....	—	—	•
Phosphorus.....	—	—	•
Photo-engraving.....	—	—	2,461,501
Photographic material, not elsewhere specified (including photo paper).....	—	—	675,032
Photography (commercial).....	—	—	99,007
Pianos—			
Grand.....	No.	122	49,208
Upright.....	"	1,530	236,424
Upright, player.....	—	—	•
Piano actions.....	—	—	45,999
Piano and organ keps.....	—	—	•
Piano hammers.....	set	2,009	11,366
Piano strings.....	—	—	•
Pickets.....	M	18,760	154,671
Pickles, all kinds.....	gal.	1,417,315	1,695,230
Picture frames and moulding.....	—	—	315,041
Pies, cakes and pastry.....	—	—	10,289,324
Piling, wood.....	M lin. ft.	263	11,458
Pillow cases, bureau runners, scarves, etc.....	—	—	302,461
Pillows and cushions (see also "cushions").....	No.	445,039	465,556
Pins, plain and hair pins.....	—	—	209,553
Pipe fittings, brass and bronze.....	short ton	49	28,235
Pipe and fittings, cast iron, soil.....	"	12,222	708,590
Pipe and fittings, cast iron, other.....	"	18,455	1,337,621
Pipe, lead.....	"	1,277	242,003
Pipe and fittings, malleable iron.....	"	3,041	1,007,392
Pipe, sewer, clay.....	—	—	675,150
Pipe, sewer and culvert, cement.....	—	—	432,424
Pipe, culvert, galvanized sheet.....	—	—	•
Pipe and fittings, steel.....	—	—	5,660,815
Pipe and tubing, copper.....	—	—	•
Pipes, wooden.....	—	—	283,413
Pipes, wrought iron, and fittings.....	short ton	826	95,225
Pipes, not specified.....	—	—	12,827
Pipes, tobacco.....	—	—	39,547
Pipe mouth pieces.....	—	—	•
Pipe (tobacco) cleaners.....	—	—	•
Piston rings, automobile.....	No.	6,595,173	692,334
Piston rings, locomotive.....	lb.	61,807	21,328
Pistons, automobile.....	—	—	•
Pitch.....	short ton	41,943	455,605
Planers, metal working.....	No.	6	22,540
Planing, custom.....	—	—	391,313
Planters, corn.....	—	—	•
Planters, potato.....	—	—	•
Plaster products, n.e.s.....	—	—	5,242
Plumework, steel, miscellaneous.....	—	—	2,330,123
Plates, sheets and strips, steel, brass, copper, etc.....	—	—	9,061,091
Plates, license, name, etc.....	—	—	85,828
Plates and spoons, paper.....	No.	32,568,000	71,378
Plating blanks, nickel silver.....	—	—	•
Platinum, refined and other platinum products.....	—	—	67,747
Ploughs.....	No.	38,065	1,170,738
Plough parts.....	—	—	•
Plough, snow.....	—	—	49,698
Plugs, wooden.....	—	—	57,005
Plumbers' supplies, not elsewhere specified (iron, brass and copper).....	—	—	1,627,520
Plumbers' supplies, rubber.....	—	—	176,008
Plywood.....	M surf. ft.	37,832	1,853,417
Poison, gopher and rat.....	—	—	77,486
Poles, wooden.....	No.	27,816	51,832
Polish, furniture.....	—	—	168,460
Polish, metal.....	—	—	98,633
Polish, shoe.....	—	—	531,463
Polish, stove.....	—	—	97,095
Polishes and waxes, floor.....	—	—	1,229,595
Polishes and dressings, harness and belt.....	—	—	•
Polishes and dressings, automobile.....	—	—	87,477
Polishes and dressings, not specified.....	—	—	17,548
Polishers, floor, electric, and other.....	—	—	32,445
Polishing discs.....	—	—	•
Popcorn.....	lb.	1,148,748	296,647

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

Alphabetical List of Products Manufactured in Canada, 1934—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Post cards, printed.....	—	—	135,114
Posts, wooden.....	—	—	10,267
Posts, steel.....	—	—	47,367
Potato chips (factory made).....	lb.	206,472	64,617
Pot scourers.....	—	—	—
Pottery, glazed and unglazed.....	—	—	218,402
Pottery (from imported clay).....	—	—	—
Poultry, canned (see "Meats, canned").....	—	—	—
Poultry, sold fresh.....	lb.	12,779,430	2,653,897
Powder, baking.....	"	10,062,499	1,084,243
Powder, buttermilk.....	"	3,814,533	184,549
Powder, cream.....	"	45,244	15,403
Powder, custard.....	"	504,699	95,831
Powder, ice cream.....	"	179,968	46,661
Powder, jelly.....	"	8,631,090	1,546,370
Powder, junket.....	—	—	—
Powder, lactic.....	lb.	124,016	71,216
Powder, milk.....	"	2,735,745	351,890
Powder, malted milk.....	"	530,691	65,490
Powder, protein.....	—	—	—
Powder, pudding.....	lb.	686,478	156,733
Powder, skim milk.....	"	18,629,782	1,237,059
Powders, edible, not specified.....	"	60,330	23,856
Powder, paste.....	—	—	—
Powder, sachet.....	—	—	8,885
Powder, talcum and face.....	—	—	1,309,497
Press cloths.....	—	—	11,016
Presses, tennis, and badminton racket.....	—	—	—
Presses, hydraulic, and other power.....	—	—	56,009
Printing—	—	—	—
Circular letters.....	—	—	510,352
General, for trade.....	—	—	393,476
Custom printing (paper supplied by customer).....	—	—	326,333
Private and personal.....	—	—	435,038
Blue prints and photostats.....	—	—	193,481
Newspapers, magazines and other periodicals printed for publishers.....	—	—	4,460,802
Other printed matter: menus, statements, programmes, etc.....	—	—	1,868,774
Printing and painting on textile fabrics.....	—	—	252,530
Propellers and shafts.....	—	—	—
Publications, subscription, and sales of (see "Printing").....	—	—	—
Pumps, dress.....	No.	1,173,036	86,854
Paddings.....	—	—	47,277
Puffs, powder.....	—	—	176,629
Pulleys, wood.....	—	—	33,395
Pulpers and slicers.....	—	—	8,363
Pump, fruit.....	lb.	1,028,159	40,156
Pumpstones, artificial.....	—	—	—
Pumpwood.....	cord	289,911	2,118,642
Pulp, wood—	—	—	—
Ground wood—	—	—	—
Quantity made.....	short ton	2,910,338	—
Quantity sold.....	"	166,026	2,997,711
Soda fibre—	—	—	—
Sulphate fibre—	—	—	—
Quantity made.....	short ton	273,494	—
Quantity sold.....	"	148,108	6,828,559
Sulphite fibre, bleached—	—	—	—
Quantity made.....	"	429,714	—
Quantity sold.....	"	401,784	20,817,884
Sulphite fibre, unbleached—	—	—	—
Quantity made.....	"	739,218	—
Quantity sold.....	"	146,131	4,798,814
Screenings—	—	—	—
Quantity made.....	"	112,448	—
Quantity sold.....	"	47,470	381,572
Pumps, centrifugal.....	—	—	619,460
Pumps, hand.....	—	—	205,115
Pumps, steam and electric.....	—	—	238,397
Pumps, piston, other power.....	—	—	306,676
Pumps, wooden.....	No.	1,482	22,888
Pumps, gasoline handling.....	"	1,474	574,792
Pumps, not specified, and pump parts.....	—	—	109,634

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Punches and shears, metal-working.....	—	—	*
Purses, pocket-books and folders.....	—	—	92,585
Putty.....	lb.	5,789,363	203,412
Pyjamas—			
Cotton and flannelette.....	doz.	183,135	1,936,150
Silk and silk mixtures.....	"	18,666	413,304
Artificial silk.....	"	12,980	185,677
Other materials.....	"	1,072	4,829
Pyrometers.....	—	—	*
Quilts and quilted goods.....	—	—	95,502
Racquets, badminton and squash.....	No.	26,366	80,986
Racquets, tennis.....	"	43,787	162,522
Radiator compounds.....	—	—	*
Radiators, automobile.....	—	—	831,783
Radiators, heating, concealed type.....	—	—	112,973
Radiators, heating, direct type.....	sq. ft.	4,113,996	1,116,510
Radio sets, tubes and accessories.....	—	—	13,560,743
Radio cabinets and tables.....	—	—	1,208,452
Rail anchors.....	—	—	*
Rail fastenings (sold).....	long ton	28,020	1,469,887
Rail welding parts.....	—	—	*
Rails, O. H. steel—			
Quantity made.....	long ton	116,192	—
Quantity sold.....	"	117,154	4,885,388
Railway frogs, switches and other track equipment.....	—	—	434,401
Railway car and coach fittings, bearings, etc.....	—	—	*
Rakes, hand.....	No.	121,864	42,957
Razor blades.....	—	—	*
Razor strips.....	—	—	*
Razors, safety, electric and other.....	—	—	*
Recorders, time.....	—	—	*
Rectifiers for storage battery charging and parts.....	—	—	*
Reels, garden hose, and other.....	—	—	*
Refractories.....	—	—	*
Refrigerators, electric—			
Individual, Domestic type.....	No.	40,688	5,054,554
Individual, Commercial type.....	"	3,975	687,028
Refrigerators, electric, condensing units.....	"	1,662	193,381
Refrigerators, other.....	—	—	318,531
Refrigerator parts.....	—	—	233,836
Regalia, all kinds.....	—	—	70,662
Registers, account.....	—	—	*
Registers, cash.....	—	—	3,326,768
Registers and grills, air.....	—	—	183,694
Regulators, not specified.....	—	—	*
Remedies, stock and poultry.....	—	—	330,441
Rennet extract.....	—	—	*
Repair gums and fabrics.....	lb.	748,820	230,505
Repair kits.....	No.	897,546	106,753
Repair patches, tire and tube.....	"	2,204,361	184,077
Resin.....	—	—	*
Ribbons.....	—	—	*
Rice, cleaned, etc.....	ton	21,772	1,332,981
Rilles.....	—	—	*
Rings, fruit jar, rubber.....	—	—	*
Rings, fruit jar, zinc.....	—	—	*
Robes, carriage and automobile.....	—	—	21,078
Rockwool.....	—	—	265,472
Rods and bars, bronze, brass and copper.....	lb.	6,662,485	1,060,307
Rods, copper wire.....	—	—	*
Rods, iron and steel, wire—			
Quantity made.....	long ton	206,705	—
Quantity sold.....	"	88,346	3,171,886
Rods, spike, bolt and nut, etc., and other rolled forms.....	"	3,833	157,312
Roll covering, rubber.....	lb.	294,655	145,873
Rollers, land and land packers.....	—	—	27,340
Rollers, printers.....	lb.	396,011	244,745
Rolls, rubber covered.....	No.	122,292	174,702
Roofing preparations, not elsewhere specified.....	—	—	369,226
Rope—			
Manila.....	lb.	7,134,567	1,034,256

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Rope— <i>Concluded</i>			
Fisal	lb.	2,168,987	272,010
Hemp	"	154,270	33,995
Cotton and jute	"	132,735	27,701
All other	"	259,340	44,321
Rubber, reclaimed	"	3,021,177	181,064
Rubber and rubber goods, hard	"	413,415	143,292
Rubber goods, mechanical	"	425,902	279,345
Rubber goods, moulded	"	1,181,588	567,907
Rubber goods, sanitary	"	-	63,324
Rubber goods, soft and sponge	"	-	147,868
Rubber goods, not specified	"	-	99,628
Rubber thread	lb.	354,860	374,803
Rugs, automobile	No.	67,563	150,346
Rules, steel	"	-	64,001
Rules, wooden	"	-	203,907
Ruling (printing plants)	"	-	53,183
Rust preventatives	"	-	-
Saddles	No.	1,406	21,004
Saddlery accessories and parts	"	-	4,332
Safes, vaults and fittings	"	-	389,156
Sails, all kinds	No.	1,640	33,374
Salt	short ton	391,316	1,773,144
Salt, curing	lb.	320,246	27,778
Salt, onion and celery	"	-	-
Salts, tanning	"	-	-
Sanders (wood-working)	No.	12	10,200
Sandwich relish and spread	lb.	703,592	212,719
Sanitary ware	"	-	1,603,451
Sash, doors and millwork	"	-	10,134,738
Sash, steel, brass, etc.	"	-	444,651
Sashweights	"	-	-
Sauces, catsups and relishes	"	-	4,353,324
Sauerkraut	lb.	3,349,500	129,457
Sausage casings	"	-	1,703,520
Sausage, fresh or cured	lb.	58,674,054	7,390,424
Sawdust, sold	"	-	203,136
Saws, all kinds	"	-	827,401
Saw parts and saw outfits	"	-	358,456
Scales	No.	9,701	832,444
Scarves	doz.	125,476	727,050
School supplies, not specified	"	-	17,574
Scrap metal	"	-	337,451
Scrap, iron and steel	"	-	604,034
Scrap, not specified	"	-	142,580
Screenings, barley, etc.	ton	7,382	125,883
Screens, door and window	"	-	259,207
Screens, industrial	"	-	12,445
Screws, and screw machine products	"	-	1,725,353
Seuffers	No.	11,210	71,149
Seythes	"	-	-
Seals, corporation, and other	"	-	18,805
Searchlights, projectors, etc., n.e.s.	"	-	17,606
Sensoring, dry and liquid	"	-	48,509
Seeders, not specified	No.	736	33,345
Shades, window, shade cloth and fittings	"	-	1,441,358
Shanks, shoe	"	-	65,780
Shapers and jointers, wood-working	No.	20	9,043
Shapers, metal-working	"	-	39,877
Sharpeners, pencil	"	-	-
Sharpening stones and files	"	-	89,524
Shawls	doz.	1,351	13,024
Sheet forms, commercial, etc., printed	"	-	9,946,507
Sheets and sheeting, fabric, not elsewhere specified	"	-	1,641,312
Sheeting, rubber, hospital	"	-	88,002
Sheeting, rubber, crib	doz.	32,245	55,804
Sheet iron ware, not elsewhere specified	"	-	99,310
Sheet metal building materials, not elsewhere specified	"	-	1,110,816
Sheet metal products, not elsewhere specified	"	-	238,447
Sheets, aluminium	"	-	-
Sheets, galvanized	"	-	3,807,670
Shellsac	"	-	367,644
Shields, dress (see "Protectors").	"	-	-

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Slims, railroad and other.....	—	—	107, 118
Shingle bands.....	cord	9, 987	20, 853
Shingles, wooden.....	—	—	6, 758, 690
Shingles, asbestos.....	—	—	*
Shipbuilding—			
Vessels, wooden.....	No.	16	120, 482
Vessels, steel and other, n.s.....	—	—	*
Vessels under construction.....	No.	5	209, 029
Repairs to vessels.....	—	—	4, 956, 960
Shirts, fine, cotton.....	doz.	591, 458	6, 412, 737
Shirts, fine, silk and artificial silk.....	"	6, 237	80, 467
Shirts, dress.....	"	26, 227	233, 112
Shirts, work.....	"	377, 045	2, 987, 391
Shirts, not specified.....	"	19, 398	111, 921
Shirts and blouses for boys (see Blouses, etc.).	—	—	*
Shock absorbers, automobile.....	—	—	*
Shoddy, mungo and wool extract.....	lb.	8, 259, 753	1, 090, 102
Shoe supplies, not elsewhere specified.....	—	—	*
Shoe uppers.....	—	—	57, 683
Shooks, box.....	—	—	3, 422, 574
Shortening, from meat packing establishments—			
Containing animal fat.....	lb.	7, 345, 455	803, 403
Containing no animal fat.....	"	76, 066, 679	7, 502, 370
Shortening, from other miscellaneous industries.....	"	32, 317, 132	2, 947, 752
Shorts and middlings.....	ton	311, 621	6, 052, 302
Shovels, power and hand.....	—	—	35, 804
Shuttlecocks, badminton.....	doz.	49, 791	98, 228
Signs, electric.....	—	—	31, 860
Signs, gas, neon and other luminous.....	—	—	1, 108, 541
Signs, brass and other metal.....	—	—	652, 113
Signs, not specified.....	—	—	414, 350
Silica-manganese.....	—	—	*
Silicon carbide.....	short ton	23, 805	2, 299, 602
Silicon, refined.....	—	—	*
Silk, broad—			
All red silk.....	yd.	6, 051, 730	3, 052, 734
Red silk mixtures.....	"	3, 312, 397	1, 779, 798
Artificial silk.....	"	26, 963, 190	11, 162, 833
Artificial silk and mixtures (Cotton mills).....	"	16, 786, 493	4, 432, 359
Artificial silk and mixtures (Silk mills).....	"	1, 082, 310	771, 814
Silk and artificial silk knitted goods, not elsewhere specified.....	"	1, 571, 615	861, 184
Silver alloys.....	—	—	21, 250
Silver, refined.....	—	—	66, 505
Silver nitrate.....	—	—	*
Size.....	—	—	259, 457
Skates.....	pr.	530, 518	349, 648
Skewers.....	—	—	145, 832
Skis.....	pr.	59, 283	148, 758
Ski poles.....	"	69, 703	54, 205
Ski equipment, other.....	—	—	18, 607
Skins, calf.....	No.	509, 526	851, 196
Skins, sheep.....	"	817, 891	888, 113
Skins, pickled.....	doz.	31, 052	144, 071
Skins, raw and dressed.....	—	—	590, 467
Skirts—			
Silk.....	No.	29, 887	44, 745
Artificial silk.....	"	40, 898	61, 440
Woolen.....	"	315, 261	502, 845
Other.....	"	54, 668	42, 161
Skirts and bloomers, athletic.....	doz.	3, 791	47, 936
Slabs and edgings.....	cord	410, 647	799, 667
Slate.....	—	—	*
Sleighs.....	—	—	85, 525
Sleighs, children's.....	No.	110, 592	94, 822
Slicers, meat and bread.....	"	1, 238	144, 837
Slippers, cloth, carpet, etc.—			
Babies'.....	pr.	36, 125	14, 186
Boys'.....	"	57, 016	31, 704
Misses' and children's.....	"	188, 907	90, 546
Men's.....	"	312, 234	233, 513
Women's.....	"	1, 558, 451	981, 822
Smelter and refinery products.....	—	—	229, 737, 420
Smocks and overall jackets.....	doz.	33, 127	260, 080
Smoke breaching.....	—	—	22, 297

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Smokers' sets.....	—	—	13,832
Smokestacks, steel.....	—	—	49,478
Snaths, scythe.....	—	—	•
Snowshoes.....	—	—	•
Soap—			
Household and laundry soap and chips.....	lb.	102,362,985	5,828,457
Liquid.....	—	—	91,032
Medicated.....	—	—	•
Polishing or scouring.....	lb.	177,155	12,336
Powder.....	—	27,717,987	2,028,398
Soft.....	—	—	73,018
Textile and mill.....	lb.	2,917,234	239,115
Toilet.....	—	—	4,046,975
Hard, shaving, including shaving creams.....	—	—	632,903
Hard, all other.....	lb.	3,493,938	239,093
Soap, kind not specified and soap stock.....	—	—	325,898
Sodium bisulphate (nitro cake).....	—	—	•
Sodium bisulphite.....	—	—	•
Sodium carbonate.....	—	—	•
Sodium chlorate.....	—	—	•
Sodium cyanide.....	—	—	•
Sodium hydroxide.....	—	—	•
Sodium hypochlorite.....	—	—	•
Sodium phosphate, di-sodium and tri-sodium.....	—	—	•
Sodium pyrophosphate.....	—	—	•
Sodium sulphate (Glauber's salt).....	—	—	•
Sodium sulphate (salt cake).....	—	—	•
Solder.....	lb.	4,467,793	1,087,644
Soling, rubber—			
Rubber and composition soles.....	pr.	2,533,161	439,592
Rubber and composition half-soles.....	—	920,396	113,918
Soling and slabs for heels.....	lb.	980,113	163,940
Soles, leather, and heel lifts, not elsewhere specified.....	—	—	233,601
Soles, felt and other (insoles).....	—	—	128,058
Soup, canned.....	lb.	71,837,685	6,250,444
Spades and shovels.....	—	—	•
Spark plugs.....	—	—	•
Spices, mixed, whole or ground.....	lb.	5,117,054	1,162,718
Spiegeleisen.....	—	—	•
Spikes, pit.....	—	—	•
Spikes, railway.....	—	—	464,342
Spikes, ship and drift.....	—	—	•
Spinning wheels.....	No.	5,971	33,780
Spools, bobbins and shuttles.....	—	—	477,970
Spoolwood.....	—	—	401,419
Sport gloves and mitts.....	—	—	53,205
Sporting goods, not specified.....	—	—	150,935
Sprayers, barrel or tank.....	No.	323	14,090
Sprayers, hand, and power.....	—	—	79,817
Springs, automobile.....	—	—	1,043,261
Springs, bed, box.....	No.	1,877	33,953
Springs, bed, woven wire.....	—	4,004	16,959
Springs, bed, not specified.....	—	282,155	1,252,008
Springs, upholstering.....	—	—	168,993
Springs for car and locomotives.....	lb.	4,868,099	325,079
Springs, other, not specified.....	—	—	1,422,665
Stains.....	Imp. gal.	360,507	547,737
Stampings, automobile.....	—	—	397,410
Stampings, metal, not otherwise specified.....	—	—	690,231
Stampings, steel.....	—	—	594,210
Stamps, rubber.....	—	—	231,411
Stamps, steel.....	No.	16,337	44,147
Stamps and dies, not specified.....	—	—	35,636
Stamps, postage, revenue, etc.....	—	—	407,614
Staples, wire—			
Quantity made.....	keg.	30,955	—
Quantity sold.....	—	35,566	141,152
Starch, chlorinated.....	—	—	•
Starch, corn, edible.....	—	—	•
Starch, corn, laundry.....	—	—	•
Stationary goods, not specified.....	—	—	230,606
Statues and art goods.....	—	—	93,958
Staves, barrel.....	No.	61,032,239	473,410

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Steam traps, etc.	—	—	147,901
Stearine.	lb.	656,956	52,338
Steel, cold rolled, cold drawn-bars, strips and flats.	long ton	16,840	1,585,705
Steel shapes erected—			
Bridges.	ton	13,340	2,389,599
Buildings.	"	47,232	5,177,094
Not specified.	—	—	3,930,787
Steel, reinforcing.	—	—	—
Steel wool.	—	—	—
Straw.	—	—	—
Straw hats.	—	—	23,573
Straw drying.	No.	65,501	16,592
Straw, mechanical.	"	2,438	836,161
Straw parts.	—	—	129,893
Straw, artificial.	—	—	133,629
Straw, burlap and cabinets.	—	—	11,098
Straw fixtures, not specified.	—	—	84,435
Stove and furnace pipe.	—	—	500,616
Stoves—			
Coal and wood.	No.	165,412	5,028,957
Electric and combination coal and electric.	"	43,612	2,571,370
Gas and combination coal and gas.	"	93,451	1,857,037
Other stoves and stove parts.	—	—	834,238
Straps, leather.	doz.	40,533	41,574
Straws, soda.	No.	860,559,000	100,990
Straw, racquet.	—	—	—
Sugar butter.	lb.	910,184	76,687
Sugar, granulated—			
Cane.	lb.	154,779,467	33,937,134
Cane.	"	779,459,117	3,969,054
Brown or yellow.	"	122,286,274	161,180
Sugar, fruit.	—	3,989,984	—
Sugar, grape.	—	—	—
Sugar, invert.	lb.	4,188,068	204,340
Sugar, loaf.	"	4,648,072	221,042
Sugar, maple.	"	4,513,074	565,644
Sugar of milk.	"	186,423	11,136
Sugar, pulverized or icing.	"	28,128,131	1,161,049
Suits, boys'—			
Play suits, washable.	doz.	83,173	421,530
Woolen.	No.	362,004	1,998,505
Suits, men's—			
Woolen.	No.	1,286,701	19,652,269
Other, not specified.	"	31,644	130,159
Suits, women's, and misses'—			
Cotton.	No.	62,376	84,598
Linen.	"	30,918	81,560
Silk and artificial silk.	"	32,022	183,207
Woolen.	"	313,115	2,988,978
Other, not specified.	"	16,478	100,550
Suits, knitted, women's and children's.	"	44,887	1,514,824
Sulphur dichloride.	—	—	—
Sulphur dioxide (liquid).	—	—	—
Superheaters and equipment.	—	—	—
Superphosphate.	short ton	87,881	990,216
Surfactants, wood-working.	No.	34	31,420
Surgical and orthopaedic appliances and surgical dressings—			
Surgical bandages and dressings.	—	—	601,334
Surgical belts.	doz.	3,689	134,054
Surgical stockings, elastic.	—	—	126,800
Orthopaedic boots.	—	—	—
Orthopaedic corsets.	pr.	1,208	11,090
Artificial limbs and parts.	—	—	63,629
Orthopaedic supports, not specified.	—	—	146,045
Foot easers, arch supports, heel cushions, etc.	—	—	41,998
Trusses.	—	—	68,345
Surgical and orthopaedic appliances, not specified.	—	—	27,123
Suspenders, supporters and garters.	—	—	697,346
Sweaters, jackets, etc.	doz.	502,362	5,990,523
Sweeping compounds.	—	—	53,335
Switch gear and protective equipment (except telephone switch-boards).	—	—	1,816,600
Switches and switch boxes, not specified.	—	—	34,095
Swinges, fountain, and attachments.	doz.	16,008	53,048

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value
			\$
Syrup, corn.....	—	—	•
Syrup, fountain, and fruit juices.....	—	—	2,038,038
Syrup, maple (factory-made).....	lb.	1,914,218	246,725
Syrups, table.....	gal.	142,910	97,831
Syrups, from cane (not including molasses).....	lb.	5,450,325	169,096
Table cloths and napkins.....	—	—	•
Tableware, china.....	—	—	•
Tacks, cut and wire.....	lb.	2,686,008	338,259
Tags and labels, shipping.....	—	—	3,773,421
Tags and tickets, printed.....	—	—	389,060
Tags and checks, other.....	—	—	41,608
Tailors' supplies, including canvas fronts, pads, etc.....	—	—	720,010
Tallow.....	lb.	35,515,729	1,855,825
Tankage, animal.....	—	—	647,185
Tanks, steel, storage, black.....	—	—	501,415
Tanks, steel, storage, galvanized.....	—	—	69,308
Tanks, steel, pneumatic.....	—	—	71,465
Tanks, steel, septic.....	—	—	41,045
Tanks, brass and copper.....	—	—	77,010
Tanks, wooden.....	—	—	225,611
Tanks, other, not specified.....	—	—	196,204
Tape, rubber and friction.....	lb.	884,254	267,803
Tape, paper, gummed.....	—	—	661,060
Tape, adhesive.....	—	—	•
Tape, telegraph.....	—	—	•
Tapes, fabric.....	—	—	207,215
Tapes, measuring.....	—	—	•
Tapestries.....	yd.	1,702,030	1,039,915
Tapioca, granulated.....	—	—	•
Taps, brass.....	—	—	123,183
Tar, coal, crude.....	Imp. gal.	26,804,438	1,340,754
Tar, refined and other.....	gal.	6,411,014	610,209
Tar, from petroleum refineries.....	—	—	•
Tarlatan.....	—	—	•
Targets.....	—	—	•
Tau, blended, etc.....	lb.	32,969,530	14,526,755
Telephone material, not elsewhere specified.....	—	—	3,022,304
Tenoners and mortisers, wood-working.....	No.	21	12,390
Tents.....	—	23,533	348,310
Thermit.....	—	—	•
Thermometers.....	—	—	•
Thinners, pyroxylin.....	Imp. gal.	518,707	539,472
Thread, cotton.....	—	—	3,443,413
Thread and twist, silk and artificial silk.....	—	—	80,547
Threshers and reaper-threshers combined, and parts.....	—	—	1,010,034
Ties, wooden.....	—	—	2,650,598
Tile, alundum.....	—	—	•
Tile, drain.....	M	8,148	214,590
Tile, floor (from domestic clay).....	sq. ft.	97,738	13,798
Tile, floor and wall (from imported clay).....	—	—	•
Tile, gypsum.....	sq. ft.	607,284	37,152
Tile, roofing, and hollow blocks.....	—	—	469,999
Tile and sheet flooring, rubber.....	lb.	176,964	46,633
Timbers, mine.....	M lin. ft.	10,473	762,923
Tin.....	—	—	138,944
Tinned plate.....	—	—	•
Tinsel garlands and ribbons.....	—	—	•
Tinware, japanned, or not.....	—	—	738,394
Tire fabrics.....	lb.	16,169,852	4,476,234
Tires and tubes.....	—	—	•
Balloon, casings.....	No.	2,167,595	18,414,649
High-pressure, casings.....	"	375,078	6,845,020
High-pressure and balloon inner tubes.....	"	2,457,346	3,514,588
Bicycle tubes.....	"	277,058	90,044
Bicycle tires.....	—	—	•
Other tires and tubes.....	—	—	130,692
Tires, railway car wheel.....	—	—	•
Tire brands, auto.....	—	—	•
Toasters, electric.....	No.	140,806	230,814
Tobacco—	—	—	•
Chewing, cut and twist.....	lb.	281,221	242,753
Chewing, plug.....	"	2,604,719	2,192,999

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Tobacco—Concluded			
Smoking, leaf	lb.	509,024	92,695
Smoking, cut	"	19,188,079	19,719,712
Smoking, plug	"	891,037	861,985
Smoking, twist	"	-	-
Snuff	lb.	789,819	1,080,111
Stems and cuttings	"	-	-
Tobacco, raw leaf, processed	lb.	48,228,753	12,831,450
Tobacco pouches	doz.	16,796	13,493
Toboggans	No.	16,715	54,433
Toilet preparations, not elsewhere specified—			
Brilliantine, oily, and liquid	"	-	112,109
Compacts and lipsticks	"	-	488,674
Creams, solid, or liquid, all kinds	"	-	1,097,924
Toilet waters and lotions	"	-	867,595
All other	"	-	1,549,032
Toiletware, celluloid	"	-	214,496
Toiletware, silver	"	-	-
Tomato juice	lb.	43,415,343	2,344,764
Tomato paste and puree	"	8,206,300	379,290
Tomato pulp	"	19,496,796	710,369
Tools, carpenters' and mechanics'	"	-	299,871
Tools, pneumatic	"	-	-
Tools, other, not specified	"	-	1,417,495
Toothpicks	"	-	-
Toppings for ice cream	"	-	-
Tow, green	ton	1,853	57,344
Towels and towelling—			
Towelling	yd.	3,121,570	351,376
Towels, all kinds, including face cloths	"	-	1,323,640
Bath mats	"	-	21,129
Towels, sanitary	"	-	1,363,587
Toys—			
Toy animals	doz.	21,767	36,395
Toys, wooden	"	-	48,452
Miscellaneous toys, not specified	"	-	135,565
Trade work, not elsewhere specified (printing plants)	"	-	781,948
Transformers	"	-	2,893,150
Transmission towers, electric	"	-	-
Traps and fittings, lead	lb.	1,110,341	118,250
Traps, animal	"	-	-
Trays, display	"	-	13,824
Trimmings, not specified	"	-	118,488
Troughs	"	-	-
Trucks, factory, and other hand trucks	"	-	115,653
Trunks of all kinds	No.	72,202	403,789
Trussers	"	-	-
Tubes, collapsible	"	-	-
Tubes, vacuum, X-ray tubes, vapour lamps, glow lamps, etc.	"	-	85,600
Tubing, brass, copper, etc.	"	-	-
Tubing, neon	"	-	-
Tubing, rubber	lb.	296,719	143,441
Tubing, steel	"	-	1,245,493
Tubing and twisting, knitted	lb.	179,669	78,687
Tubs, laundry, cement	"	-	113,517
Turbines and water wheels	"	-	172,414
Turpentine	"	-	-
Twine, binder—			
Chiefly sisal	lb.	48,389,304	3,424,018
All sisal and other	"	15,975,702	1,069,394
Twine and cordage, all kinds	"	7,507,039	1,467,001
Type and type metal	"	-	390,755
Typesetting (trade composition)	"	-	840,673
Typewriter ribbons	"	-	248,580
Typewriters	No.	27,926	1,463,524
Umbrellas	doz.	24,493	380,680
Undertakers' supplies, not specified	"	-	238,046
Underwear—			
Cotton and cotton mixed	doz.	1,844,209	7,609,998
Merino and mixed	"	118,249	1,430,538
Silk	"	30,538	340,635
Silk mixtures	"	25,874	201,428
Artificial silk	"	198,636	830,124

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Underwear— <i>Concluded</i>			
Artificial silk and mixtures.....	doz.	531,314	2,066,324
All wool and mixtures.....	"	259,458	2,462,066
Not specified.....	"	-	38,372
Underslips.....	doz.	356,820	2,630,029
Uniforms, woollen.....	No.	33,566	611,431
Uniforms, nurses', maids, etc.....	doz.	33,884	506,998
Uniforms, other.....	"	-	147,389
Upholstering material, not specified.....	"	-	35,619
Valves, auto engine.....	"	-	*
Valves, brass and bronze.....	"	-	1,243,250
Valves, iron.....	"	-	545,439
Valves, tire.....	"	-	*
Valves, not specified.....	"	-	111,831
Varnishes, oil and spirit.....	Imp. gal.	1,933,185	2,785,444
Vaults, cement, burial.....	"	-	19,940
Vaults, steel, burial.....	"	-	38,278
Vegetables, canned—			
Asparagus.....	lb.	2,884,068	472,851
Beans, baked.....	"	55,274,120	3,005,838
Beans, green or wax.....	"	13,327,655	764,450
Beets.....	"	1,495,898	95,466
Carrots.....	"	493,536	34,941
Carrots and peas.....	"	1,024,567	84,822
Corn, cream of.....	"	35,949,680	2,192,322
Corn, on the cob.....	"	958,601	76,943
Peas.....	"	46,540,322	3,020,767
Pumpkin.....	"	5,090,347	198,275
Spinach.....	"	1,243,235	97,822
Tomatoes.....	"	85,951,174	2,836,588
Other, not specified.....	"	-	162,435
Vegetables, evaporated.....	"	-	*
Vehicles, children's.....	"	-	473,514
Veils.....	"	-	40,616
Velvets.....	"	-	*
Veneer.....	"	-	788,694
Vests, woollen.....	No.	18,100	32,334
Vests, other.....	"	-	59,649
Vinegar (made for sale)—			
Spirit.....	gal.	3,590,823	1,170,485
Cider.....	"	691,351	165,739
Malt.....	"	324,819	182,319
Visors, cap.....	"	-	*
Waffle irons.....	No.	2,149	7,470
Wagons (see "Carrriages and Wagons").	"	-	61,673
Wagon and sleigh parts.....	"	-	996,308
Wall board, gypsum, and other.....	sq. ft.	42,863,567	823,768
Wall plaster, gypsum.....	"	-	69,123
Washboards.....	No.	308,900	71,444
Washers, leather.....	doz.	410,611	119,180
Washers and gaskets, not specified.....	"	-	109,761
Washing compounds.....	"	-	1,578,512
Waste, cotton and other.....	"	-	169,328
Waste, wood.....	"	-	469,563
Watches.....	No.	534,355	231,412
Watch cases.....	"	-	*
Waterglass.....	"	-	*
Water, distilled.....	gal.	87,437	10,827
Water, aerated.....	"	-	15,793,325
Water, mineral, natural.....	"	-	63,687
Waterproofing of fabrics.....	"	-	29,864
Water and steam fittings.....	"	-	36,073
Wax.....	"	-	390,595
Wax, sealing.....	"	-	*
Weatherstrip.....	"	-	164,622
Webbing, elastic.....	"	-	1,330,803
Webbing, duck, jute, and other.....	"	-	125,536
Weeders.....	No.	1,150	63,306
Weed killer.....	"	-	172,394
Welding apparatus with control equipment and accessories.....	"	-	312,044
Welding rods.....	"	-	162,563
Wetling.....	"	-	128,998

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

Alphabetical List of Products Manufactured in Canada, 1936—Continued

Items.	Unit of Measure.	Quantity.	Value.
			\$
Wheelbarrows and parts.....	—	—	80,611
Wheels, automobile.....	—	—	*
Wheels, railway car.....	—	—	2,179,990
Wheels, not specified.....	—	—	*
Whips and whip lashes.....	—	—	16,722
Whiskies and other potable spirits produced.....	pr. gal.	5,772,258	1,924,603
Whiskies and other potable spirits bottled or shipped.....	"	6,756,772	24,004,160
Whisks.....	doz.	44,108	58,709
White, satin.....	—	—	*
Windmills.....	—	—	*
Wine, spirits.....	—	—	*
Wine, fermented, bottled or shipped.....	gal.	2,750,293	3,561,639
Wine, produced and placed in storage for maturing.....	"	1,630,393	596,483
Wine, not specified.....	—	—	*
Wiping cloths and rags.....	—	—	853,031
Wire, barbed—			
Quantity made.....	short ton	10,844	—
Quantity sold.....	"	11,741	709,426
Wire, iron and steel, cold rolled, flat.....	—	—	139,501
Wire, brass, bronze and copper.....	—	—	61,229
Wire, iron and steel, galvanized—			
Quantity made.....	short ton	40,763	—
Quantity sold.....	"	21,939	1,204,754
Wire, coated, not elsewhere specified—			
Quantity made.....	short ton	5,436	—
Quantity sold.....	"	4,175	471,876
Wire, plain—			
Quantity made.....	short ton	151,106	—
Quantity sold.....	"	41,162	2,356,962
Wire, twisted strand.....	—	510	98,883
Wires and cables, electrical.....	—	—	10,637,928
Wires and cables, steel.....	short ton	6,224	1,761,680
Wire rope and cable, not specified.....	—	—	1,450,261
Wire, gold-filled, and alloys.....	—	—	*
Wire cloth, brass and bronze.....	sq. ft.	2,743,249	1,280,614
Wire cloth, iron and steel, including screen cloth.....	—	—	637,683
Wire mesh, steel, woven and welded.....	—	—	222,847
Wire netting.....	—	—	*
Wire shapes.....	—	—	189,097
Wire-work, iron.....	—	—	*
Wire goods, not specified.....	—	—	343,232
Wiring devices, not elsewhere specified.....	—	—	2,331,416
Wooden products, not specified.....	—	—	387,725
Wood flour.....	—	—	88,326
Woodenware, kitchen.....	—	—	82,340
Woodenware, not specified.....	—	—	20,663
Wood preservation.....	—	—	*
Wood turning, not specified.....	—	—	194,825
Woodwork, sanitary.....	—	—	98,745
Woodwork, sewing machine.....	—	—	*
Wool, raw.....	lb.	23,039	4,868
Wool, pulled.....	"	1,071,021	331,976
Woollen cloth—			
All wool, woollen.....	yd.	8,677,953	8,817,196
All wool, worsted.....	"	3,365,883	5,137,854
Cotton warp woollen.....	"	947,148	450,688
Flannels.....	"	12,693	19,148
Velours, mohair and plushes.....	"	970,379	1,536,378
Woollen and worsted goods, not specified.....	"	2,335,851	2,105,942
Wrappers, bottle.....	—	—	142,622
Wrappers, paper, not specified.....	—	—	1,539,269
Wringers, clothes.....	No.	24,152	98,610
Wringers, mop.....	—	—	*
Yarns made for sale—			
Cotton, grey.....	lb.	24,211,401	7,652,762
Cotton, bleached and coloured.....	"	5,149,930	2,254,974
Cotton and mixtures, not specified.....	"	1,733,852	630,014
Silk and artificial silk.....	"	8,597,864	5,422,993
Woollen.....	"	6,305,240	2,889,224
Worsted.....	"	8,041,621	8,051,020
Not specified.....	—	—	691,410
Yeast and yeast food.....	—	—	3,339,379

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

Alphabetical List of Products Manufactured in Canada, 1936—Concluded

Items.	Unit of Measure.	Quantity.	Value.
			\$
Zinc (other than smelter products).....	lb.	2,687,067	108,593
Zinc cyanide.....	—	—	•
Zinc oxide and zinc dust.....	—	—	•
Zinc stearate.....	—	—	•
Zinc products, not specified.....	—	—	12,706
Manufactured food products, packaged only.....	—	—	557,564
Amount paid to clothing contractors.....	—	—	1,975,585
All other products, not specified—			
Vegetable products group.....	—	—	829,625
Animal products group.....	—	—	2,195,875
Textile products group.....	—	—	466,642
Wood and paper products group.....	—	—	3,336,719
Iron and steel products group.....	—	—	18,873,086
Non-ferrous metal products group.....	—	—	2,308,089
Non-metallic mineral products group.....	—	—	978,243
Chemicals and chemical products group.....	—	—	2,004,158
Miscellaneous products group.....	—	—	354,109
Custom work and repairs—			
Vegetable products group.....	—	—	29,803
Animal products group.....	—	—	226,114
Textile products group.....	—	—	2,629,895
Wood and paper products group.....	—	—	1,182,527
Iron and steel products group.....	—	—	36,017,995
Non-ferrous metal products group.....	—	—	1,474,588
Non-metallic mineral products group.....	—	—	111,823
Chemicals and chemical products group.....	—	—	666
Miscellaneous products group.....	—	—	855,360
Products which were reported by only one or two firms and for which figures cannot be shown separately.....	—	—	134,344,196
Total value of all products listed.....	—	—	3,047,413,123
Deductions due to the adjustment for intermediate products and excise taxes.....	—	—	45,009,309
Total.....	—	—	3,002,403,814

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.
- (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 Preparations, 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 including Rubber Boots and Shoes; (k) Prepared Breakfast Foods; (l) Sugar Refineries; (m) Tobacco Products; (n) Linseed Oil and Soya Bean Oil; (o) Canned Foods; (p) Ice Cream; (q) Pack of Fruits and Vegetables, preliminary; (r) Aerated Waters; (s) Stocks of Unmanufactured Tobacco on hand, quarterly report; (t) 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) Fish Canning and Curing (contained in annual Fisheries Statistics); (c) Slaughtering and Meat Packing and Sausage and Sausage Casings; (d) Leather Tanneries; (e) Harness and Saddlery, Leather Belting, Trunks and Valises, Miscellaneous Leather Goods; Boot and Shoe Findings, Leather; (f) Leather Boots and Shoes; (g) Leather Gloves and Mittens; (h) Fur Goods, Fur Dressing. Monthly Bulletin on Leather Footwear Production. Monthly Bulletin on Concentrated Milk Production, Annual Statement on Production of Processed Cheese.
- (4) Textiles 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; (i) Oiled Clothing and Waterproofs; (j) Cordage, Rope and Twine; (k) Corsets; (l) Cotton and Jute Bags; (m) Dyeing and Finishing of Textiles; (n) Awnings, Tents and Sails; (o) Production and Consumption of Raw Wool in Canada, 1931; (p) 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) The Printing Trades, including: Printing and Publishing, Printing and Bookbinding, Lithographing, Engraving, Electrotyping and Stereotyping, Trade Composition and Blueprinting; (s) Paper Boxes and Bags; (t) Roofing Paper; (u) Miscellaneous Paper Goods. 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) Heating and Cooking Apparatus (except boilers and radiators); (d) Boilers, Tanks and Engines; (e) Farm Implements and Machinery; (f) Machinery; (g) Automobiles; (h) Automobile Parts; (i) Bicycles; (j) Railway Rolling Stock; (k) Wire and Wire Goods; (l) Sheet Metal Products; (m) Hardware, Tools and Cutlery; (n) Bridge Building and Structural Steel; (o) Shipbuilding and Ship Repairs; (p) Aircraft; (q) 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) Pig Iron, Steel Ingots and Castings; (b) Steel Ingots; (c) 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) White Metal Alloys; (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) Asbestos Products; (b) Cement and Cement Products; (c) Coke and Gas; (d) Glass (blown, cut and ornamental, etc.); (e) Lime; (f) Petroleum Products; (g) Clay Products; (h) Salt; (i) Sand-lime Brick; (j) Stone; (k) Artificial Abrasives; (l) 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) Fertilizers; (e) Medicinal and Pharmaceutical Preparations; (f) Paints, Pigments and Varnishes; (g) Soaps, Cleaning Preparations and Washing Compounds; (h) Toilet Preparations; (i) Inks; (j) Adhesives; (k) Polishes and Dressings; (l) Hard Wood Distillation; (m) Miscellaneous Chemical Products, including Boiler Compounds; Cellulose Products; Insecticides; Sweeping Compounds, Disinfectants; Matches; Dyes and Colours; Explosives, ammunition and fireworks; 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 January 1, 1938. Special Report on the Consumption of Chemicals in Municipal Waterworks in Canada, 1936 and 1937.
- (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; (e) Sporting Goods.



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