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OF THE  
MANUFACTURING INDUSTRIES OF CANADA  
1953

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## PART I. GENERAL ANALYSES OF MANUFACTURING

### SECTION I. GROWTH OF MANUFACTURING

In this report the manufacturing industries of Canada are dealt with in two Parts. Part I gives general analyses including the historical development of manufacturing; detailed treatment of current production under various groupings and by individual industries; and principal factors in manufacturing production such as physical volume of production, capital, employment, salaries and wages, size of establishment, and power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to historical development, it is impossible to give 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 to carry all major revisions, in so far as possible, back to 1917 so that the figures for the period since then are on a reasonably comparable basis.

Canada is no longer on the fringes of industrialization but ranks among the world's most important manufacturing countries. Basic historical developments, such as the opening of the West and the magnitude of requirements of all kinds for World Wars I and II, have been followed by recent discoveries of far-reaching significance. Such events as the discovery of a major oil pool on the prairies in 1947, the discovery of large-scale deposits of iron and the successful search for uranium have given new dimensions to Canadian thinking and business planning. These are the factors that explain the records of capital expenditures year by year since the end of the War. Yet it is not the mere rate of expansion that is significant. There have been other periods when Canada's population has grown more rapidly and in many respects the rate of industrial expansion in the late 1920's was relatively as great as in the post-war years. The real significance of the latter period is that never before has there been an advance on such a broad industrial front.

The second point to be observed is the changing emphasis of Canadian manufacturing activity. By 1949 the period of post-war conversion was passed and Canada had entered a new phase of economic expansion which derived its dynamic from the discovery of new resources and the application of new processes. This meant that even the sharp recession in the United States in the year 1949 failed to have significant effects in Canada. The influence of Korea and the consequent rearmament program gave an added impetus to the expansion of Canadian industry and to the development of Canadian basic resources. Capital expenditures that contributed most to the defence of Canada were given priority. Additional capacity was created to meet requirements of the specialized defence program—aircraft, electronic equipment, ships and guns—many items of which had never before been produced in Canada. Measures such as steel control, credit regulations and deferred depreciation had the desired effect. A shift gradually took place toward the further expansion of basic industrial capacity and away from investment in consumer goods and services.

It should be emphasized that Canada's development as an industrial country is based upon and not independent of her position as a trading nation. Canada ranks among the leading industrial powers of the world and is also the world's third largest trader. Canada's exports earn a quarter of her income and Canada's per capita trade at \$579 is higher than that of any other country. At the same time, Canada's position has become more closely linked with the North American Continent

and trade with the United States has grown to the point where that country took nearly 60 p.c. of Canada's exports in 1951, 54 p.c. in 1952 and 59 p.c. in 1953.

The stability of current levels of manufacturing is indicated by the fact that such activity is the result of business assessments of resources and market potentialities. Millions of dollars are being invested in oil because the prairies can produce oil as economically as other great fields on the North American Continent. Petro-chemical plants are being erected because the raw materials are readily at hand. Kitimat is based on the coincidence of abundant and cheap hydro-power and access to ocean transportation, both of which are essential to the low-cost production of aluminum. The exploitation of the Ungava iron deposits rests on the belief that the steel industry of the North American Continent will need the high-grade ores involved in order to meet continuing peace-time demands. No country is in a more favourable position than Canada to supply uranium for the production of atomic energy.

Of strategic importance, and probably of even greater long-term significance to the Canadian economy, has been the growing world-wide shortage of raw materials; a shortage born of rising levels of employment and income, and accentuated by the course of international events, especially since 1950. These demands have shown few signs of abating and they have led to substantial increases in Canadian primary manufacturing capacity, particularly in so far as the light metals, nickel, chemical fertilizers and the cheaper grades of paper are concerned.

In helping to meet these demands, Canada's aluminum manufacturing capacity has been increased substantially. The production of magnesium metal, this time in two separate plants, has been revived, and cobalt ores are once more being treated in Canada and exported in substantial quantity. Ilmenite is being processed from titanium slag in Canada for the first time, and in the case of nickel, new processes together with the need to treat a growing volume of lower grade ores have necessitated the construction of one new refinery and heavy investments in others. In all, half a dozen of non-ferrous metal smelters or refineries, involving outlays of approximately \$200,000,000, have been built or substantially expanded in Canada over the past five years.

Other Canadian chemical process industries have also been responding to the pull of the world's markets for semi-processed materials. Foremost among them are the nation's fertilizer and pulp and paper producers, both heavy users of cheap hydro-electric power. In the case of fertilizers, manufacturing capacity has been expanded by a third since the end of World War II. Turning to pulp and paper, the story is in some ways even more impressive. Twelve entirely new mills have been built, one making newsprint and the rest mainly sulphite and sulphate pulps, some of the dissolving or rayon-grade variety. Another half dozen plants have been substantially rebuilt and many have added by-product plants, ranging from the manufacture of composite board to chemicals like vanillin and ethyl alcohol. Capital expenditures by the pulp and paper industry alone was over \$500,000,000 during the past five years.

Another factor contributing to post-war expansion in Canadian manufacturing industries has been Canada's own investment boom. Ranging all the way from large resource-development projects to the better housing of the people and the improvement of services generally, it has provided a ready market for building materials and machinery and equipment of all kinds. Conditions could hardly have been more propitious for a 25 p.c. increase in Canada's iron and steel-making capacity; for the erection of four new cement plants and the extension of



others; for the further diversification of Canada's copper and aluminum fabricating mills; and for the growth and better integration of numerous plants devoted to the making of such construction materials as plumbing and heating supplies, sanitary ware, cement, mineral wool and gypsum products, and such commodities as paints, plywood, wire and cable. In fact, many concerns making building materials have expanded their output several times over since the end of World War II.

In the case of machinery and equipment, many new lines have been introduced, the more notable including diesel locomotives, oil pipeline pumping and control equipment, chemical processing equipment, and mining machinery. There has also been some further diversification in the production of machine tools since 1950.

In recent years the demands stemming from population growth and a rising standard of living have been noticeable at all levels. In food processing, a steady up-grading in the quality of foods sold on the domestic market has been even more important than population growth. The two together have almost doubled the dollar sales of processed foods in this country since 1945. And at the intermediate level other important changes have taken place. Many of Canada's new chemical plants, for example, have been built with the domestic consumer market in mind. Frequently using petroleum or natural gas as a source of raw material, they have gone a long way towards making Canada independent of imports in such categories as vanillin, nylon and rayon intermediates, and plastics for packaging and similar uses.

An important change was made in the annual census of manufactures. A shipments concept instead of the value of production statistics heretofore compiled was adopted for the 1952 and 1953 returns of manufacturers, for a large number of industries where it was known that inventory changes from year to year were only of a minor nature. The concept was not changed for industries known to experience wide fluctuations in inventory holdings, pending further study for the need of both production and shipments information. For the 1954 returns it was planned to implement the shipments concept for all industries. Industries requiring production statistics will be asked to report the detail of products made in physical quantities only and at the same time will be required to report details of their shipments giving both the quantity as well as the selling values at the plant.

The aim of the new Census of Industry schedule is to ease the burden of filling out Bureau questionnaires. The value of shipments concept is in a large number of cases more realistic and more readily obtainable in the accounting records of firms, whereas the value of products made, for firms not recording such information, must be derived from special calculations. The value of shipments provides a standard basis of reporting for all establishments. Under the old system some establishments reported value of products made and others the value of factory shipments. Further, a great number of firms attempting to report production values to fulfil the requirements of the old questionnaire, in fact computed their cost of production rather than their selling value as they were supposed to. Since the value of shipments is usually carried in the firm's accounts, the work of filling out the reports should be lessened and the questionnaire should as a result be filled out more promptly. The change should ease the burden for small establishments in particular since the value of sales is readily available from their accounting records.

Under the "value of products" concept, establishments were required to report the factory selling value of the products made whether sold or not, the unsold portion being assigned the average selling value of similar articles sold during the year. Where no selling values were available for the unsold portion, estimated values had to be assigned. Under the new concept establishments are required to report their sales during the year regardless of when the products were made.

These two concepts give different results, the first gives the value of products made and the second the value of products sold. For a large number of industries where normally there is

no significant changes in the opening and closing inventories, these two sets of figures may be used interchangeably as they both reveal more or less the value of production and are, therefore, comparable with figures for previous years. There are, however, a number of large key industries with substantial changes in their opening and closing inventories. In such industries the new concept gives quite different results to that obtained formerly. Valid comparisons cannot, therefore, be made with previous years. To get comparable production figures the sales figures must first be adjusted for inventory changes.

The manufacturing industries of Canada in 1953 again established new records in both the value of products made and the value of products shipped. Shipments at \$17,785,416,854 were 4.7 p.c. higher, while products made valued at approximately \$17,894,600,000 increased by 5.4 p.c. over 1952. The greater increase in production was due to an accumulation of finished products inventory by manufacturers which rose from \$987,516,000 at the end of 1952 to \$1,096,699,000 in 1953, an increase of \$109,183,000. There was also an increase of 6.8 p.c. in the physical volume of production. However, due to a drop in the price of fully and partly manufactured products, the increase in the value of production was only 5.4 p.c. Accompanying the rise in output was an increase of 3.0 p.c. in the number of persons employed, with an increase of 8.8 p.c. in the salaries and wages paid. Salary and wage payments at \$3,957,018,348 were the highest on record and exceeded the previous high reported in 1952 by \$319,398,188.

As mentioned previously the physical volume of production advanced 6.8 p.c. in 1953, with the durable goods industries reporting an increase of 9.8 p.c. and non-durable goods 4.1 p.c. The electrical apparatus and supplies group with 23.8 p.c. experienced the greatest expansion in the volume of production, due mostly to the large-scale production of television sets. Next in order with 15.3 p.c. came non-metallic mineral products and the miscellaneous industries groups, followed by transportation equipment with 16.9 p.c.; tobacco and tobacco products 11.3 p.c.; products of petroleum and coal and wood products, each with 9.9 p.c.; clothing (textile and fur) 8.4 p.c.; rubber products 7.2 p.c.; leather products 6.8 p.c.; printing, publishing and allied industries 6.4 p.c.; non-ferrous metal products 4.8 p.c.; chemicals and allied products 4.4 p.c.; beverages 4.0 p.c.; paper products 3.9 p.c.; and textiles (except clothing) 1.9 p.c. There were only two major groups that reported minor declines in volume. The food group declined by 0.8 p.c. and the iron and steel products group by 0.6 p.c.

Manufacturing establishments reporting in 1953 numbered 38,107. Of these 939 were located in Newfoundland, 216 in Prince Edward Island, 1,591 in Nova Scotia, 1,094 in New Brunswick, 12,132 in Quebec, 13,114 in Ontario, 1,540 in Manitoba, 1,062 in Saskatchewan, 2,072 in Alberta, 4,317 in British Columbia, and 30 in the Yukon and Northwest Territories. These plants furnished employment to 1,327,451 persons who received \$3,957,018,348 in salaries and wages. They also shipped goods with a selling value at the factory of \$17,785,416,854 and spent \$9,380,558,682 for materials, while the value added by manufacture totalled \$7,993,069,351. The value added is obtained by subtracting the cost of materials, including fuel and electricity, from the value of the products. The difference represents the value added to the materials by labour. It is this difference which the employer of labour uses to pay for the labour itself, the overhead expenses, interest and profits. Compared with the previous year there was an increase of \$549,536,152 in the value added by manufacture.

To calculate the value of production, it is necessary to adjust the value of shipments for the difference between the opening and closing inventories of finished goods. As the census of industry schedules for 1952 and 1953 did not contain data on opening and closing inventories, no calculation can be made directly for value of production. For these two years, therefore, the value added by manufacture is obtained by subtracting from the shipments the cost of materials, including fuel and electricity. The value added thus obtained is somewhat different to the actual value. For example, the actual value added by manufacture in 1953 for manufacturing as a whole, would be about \$109,183,000 higher than the figures given in Table I of this report.

Percentage changes in manufacturing production of each province from 1944 (the wartime high) to 1949 and from 1949 to 1953 were as follows:

Province	1949 Compared with 1944 <sup>1</sup>			1953 Compared with 1949 <sup>2</sup>		
	Number of employees	Earnings	Gross value of products	Number of employees	Earnings	Gross value of products
Newfoundland <sup>3</sup> .....	—	—	—	+ 16.9	+ 50.4	+ 41.6
Prince Edward Island .....	- 2.2	+ 25.9	+ 69.2	+ 3.5	+ 45.1	+ 28.0
Nova Scotia .....	- 22.5	- 8.8	+ 21.1	+ 9.3	+ 39.7	+ 29.2
New Brunswick .....	+ 1.2	+ 36.7	+ 52.2	+ 4.4	+ 35.1	+ 27.8
Quebec .....	- 8.0	+ 21.2	+ 29.3	+ 13.1	+ 51.4	+ 42.2
Ontario .....	- 1.3	+ 33.8	+ 40.6	+ 13.9	+ 54.6	+ 45.4
Manitoba .....	+ 2.5	+ 37.2	+ 34.7	+ 4.3	+ 40.7	+ 23.2
Saskatchewan .....	- 12.3	+ 25.8	+ 23.0	+ 7.0	+ 45.4	+ 23.6
Alberta .....	+ 19.1	+ 65.9	+ 47.1	+ 25.2	+ 68.0	+ 49.4
British Columbia .....	- 13.7	+ 9.9	+ 46.2	+ 13.2	+ 52.9	+ 42.5
Canada .....	- 4.8	+ 26.9	+ 36.7	+ 13.1	+ 52.5	+ 42.4

1. Excluding Newfoundland.
2. Including Newfoundland.
3. Exclusive of fish processing.

Tables 1 to 3 give a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages

paid, cost of materials and values of products. A number of interesting comparisons are made in Table 4 and figures of consumption are given in Table 5.

TABLE 1. Summary Statistics of Manufactures, 1917-53

Note. Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in the 1942 edition of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Estab- lish- ments	Capital	Employees	Earnings	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Gross value of products
	No.	\$	No.	\$	\$	\$	\$
1917 .....	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918 .....	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919 .....	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920 .....	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921 .....	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922 .....	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,197,691
1923 .....	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924 .....	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925 <sup>2</sup> .....	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926 <sup>2</sup> .....	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927 <sup>2</sup> .....	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928 <sup>2</sup> .....	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929 <sup>2</sup> .....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930 <sup>2</sup> .....	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931 .....	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932 .....	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933 .....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934 .....	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935 .....	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936 .....	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937 .....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938 .....	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939 .....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940 .....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941 .....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942 .....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943 .....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944 .....	28,483	3	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945 .....	29,050	3	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946 .....	31,249	3	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947 .....	32,734	3	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948 .....	33,420	3	1,155,721	2,409,368,190	6,632,881,628	4,938,786,981	11,875,169,685
1949 <sup>4</sup> .....	35,792	3	1,171,207	2,591,890,657	6,843,231,064	5,330,566,434	12,479,593,300
1950 <sup>4</sup> .....	35,942	3	1,183,297	2,771,267,435	7,538,534,532	5,942,058,229	13,817,626,381
1951 <sup>4</sup> .....	37,021	3	1,258,375	3,276,280,917	9,074,526,353	6,940,946,783	16,392,187,132
1952 <sup>4</sup> .....	37,929	3	1,288,382	3,637,620,160	9,146,172,494	7,443,533,199	16,982,687,035 <sup>5</sup>
1953 <sup>4</sup> .....	38,107	3	1,327,451	3,957,018,348	9,380,558,682	7,993,069,351	17,785,416,854 <sup>5</sup>

1. For 1924 and subsequent years the value added by manufacture is computed by subtracting the cost of fuel and electricity and the cost of materials from the gross value. Figures prior to 1924 are not comparable because statistics for cost of electricity are not available.

2. 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.

3. Not collected.

4. Includes Newfoundland.

5. In 1952 the basis of collection was changed from "value of products made" to "selling value of factory shipments" in a number of industries.

TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-53

Province and Year	Estab-lish-ments	Capital	Em-ployees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	\$	No.	\$	\$	\$	\$
<b>Newfoundland:</b>							
1949	793	4	6,934	15,486,336	31,228,173	32,918,776	67,264,282
1950	850	4	6,682	16,246,252	31,505,623	36,712,377	71,062,850
1951*	822	4	9,622	22,681,246	43,117,299	53,690,187	100,642,613
1952 <sup>1</sup>	948	4	10,303	25,233,851	45,477,620	56,109,014	105,459,684
1953 <sup>1</sup>	939	4	10,575	26,604,908	44,972,021	57,784,697	106,524,603
<b>Prince Edward Island:</b>							
1917	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1929 <sup>2</sup>	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1939	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1944	241		1,786	1,694,763	6,993,510	3,570,835	10,713,644
1948	254		1,759	2,073,985	12,634,785	4,217,680	17,074,084
1949	251		1,747	2,133,555	13,537,144	4,338,320	18,123,200
1950	244		1,786	2,342,180	15,243,042	4,284,417	19,811,023
1951	237		1,735	2,459,553	17,177,748	5,046,797	22,523,439
1952 <sup>1</sup>	224		1,795	2,805,622	15,786,399	5,957,097	22,069,671
1953 <sup>1</sup>	216		1,809	3,095,845	16,963,798	5,878,761	23,198,970
<b>Nova Scotia:</b>							
1917	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1929 <sup>2</sup>	1,094	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1939	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1944	1,281		37,812	59,940,411	103,463,123	93,376,638	204,421,664
1948	1,440		30,348	52,553,200	140,761,593	95,774,483	246,111,683
1949	1,480		29,311	54,686,577	135,841,899	102,294,298	247,592,389
1950	1,482		28,479	54,888,061	147,131,045	97,780,564	255,887,499
1951	1,474		30,512	63,975,754	172,115,336	119,486,630	303,619,234
1952 <sup>1</sup>	1,533		33,371	75,245,387	183,141,366	130,715,000	326,839,747
1953 <sup>1</sup>	1,591		32,040	76,390,755	180,543,535	127,917,165	320,012,264
<b>New Brunswick:</b>							
1917	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1929 <sup>2</sup>	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1939	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1944	937		23,164	32,345,080	83,993,599	62,258,478	152,106,577
1948	1,067		24,325	43,918,687	134,410,529	91,404,150	234,579,684
1949	1,060		23,446	44,219,819	131,804,253	91,187,375	231,506,191
1950	1,107		23,863	46,386,069	148,066,224	106,204,409	263,753,067
1951	1,084		24,505	53,546,882	176,358,864	120,594,955	307,173,504
1952 <sup>1</sup>	1,077		24,251	55,978,462	164,760,874	117,837,471	293,759,782
1953 <sup>1</sup>	1,094		24,471	59,753,045	163,797,711	120,617,345	295,750,419
<b>Quebec:</b>							
1917	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1929 <sup>2</sup>	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1939	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1944	9,656		424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1948	11,107		383,835	756,078,652	1,954,111,943	1,533,798,259	3,598,870,345
1949	11,579		390,275	809,579,270	2,027,793,643	1,651,629,668	3,788,497,123
1950	11,670		390,163	851,334,700	2,225,476,250	1,798,320,105	4,142,473,290
1951	11,861		417,182	1,005,601,680	2,696,638,646	2,083,933,751	4,916,157,419
1952 <sup>1</sup>	12,024		429,698	1,125,944,703	2,745,618,113	2,288,643,279	5,176,234,825
1953 <sup>1</sup>	12,132		441,555	1,225,573,314	2,816,373,112	2,424,647,499	5,386,784,863
<b>Ontario:</b>							
1917	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1929 <sup>2</sup>	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1939	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1944	10,731		564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
1948	12,118		551,556	1,210,438,044	3,118,084,345	2,486,007,774	5,742,269,854
1949	12,951		557,190	1,305,544,434	3,256,454,918	2,708,554,013	6,103,804,834
1950	12,809		566,513	1,412,999,146	3,598,821,495	3,068,141,837	6,822,953,981
1951	13,025		599,433	1,669,386,982	4,334,394,367	3,569,400,065	8,074,731,217
1952 <sup>1</sup>	13,172		609,696	1,844,186,405	4,387,431,403	3,811,106,576	8,372,173,626
1953 <sup>1</sup>	13,114		634,554	2,017,982,218	4,560,134,562	4,130,126,462	8,876,504,990

\* Includes for the first time the fish processing industry.



TABLE 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-53 - Concluded

Province and Year	Estab-lish-ments	Capital	Em-ployees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	\$	No.	\$	\$	\$	\$
<b>Manitoba:</b>							
1917 .....	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920 .....	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1929 <sup>1</sup> .....	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933 .....	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1939 .....	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1944 .....	1,290	4	40,937	62,758,081	226,234,925	120,339,926	352,334,594
1948 .....	1,399	4	40,522	79,230,931	296,606,269	157,426,179	461,974,200
1949 .....	1,520	4	41,956	86,088,380	299,101,498	167,335,495	474,681,912
1950 .....	1,507	4	40,985	88,701,601	300,384,707	177,051,583	485,906,206
1951 .....	1,512	4	41,459	100,170,966	349,203,612	192,848,667	551,346,046
1952 <sup>1</sup> .....	1,531	4	43,365	112,147,572	347,664,650	216,814,306	574,037,212
1953 <sup>1</sup> .....	1,540	4	43,740	121,126,279	345,403,115	229,797,439	584,872,459
<b>Saskatchewan:</b>							
1917 .....	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920 .....	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1929 <sup>2</sup> .....	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1933 .....	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,539,387
1939 .....	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1944 .....	1,054	4	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1948 .....	926	4	10,950	21,038,911	172,423,275	45,053,786	221,363,603
1949 .....	962	4	10,841	22,273,942	164,349,341	47,356,949	215,742,708
1950 .....	887	4	10,596	23,010,469	164,557,306	49,494,641	218,079,955
1951 .....	973	4	11,023	26,290,294	185,151,455	61,088,606	250,813,026
1952 <sup>1</sup> .....	1,022	4	11,307	29,489,862	172,388,119	80,934,157	258,931,776
1953 <sup>1</sup> .....	1,062	4	11,604	32,395,518	180,303,942	79,941,332	266,613,086
<b>Alberta:</b>							
1917 .....	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920 .....	666	48,310,655	10,955	15,210,628	56,139,646	29,812,891	85,952,537
1929 <sup>2</sup> .....	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933 .....	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1939 .....	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1944 .....	1,165	4	22,186	33,227,729	172,082,537	77,415,753	252,949,894
1948 .....	1,567	4	25,690	49,735,336	253,754,967	107,124,387	366,079,501
1949 .....	1,685	4	26,425	55,115,554	251,364,059	114,681,296	371,995,120
1950 .....	1,671	4	26,732	58,416,324	272,131,049	123,892,868	402,840,023
1951 .....	2,118	4	29,105	69,135,587	309,430,618	141,649,574	458,281,384
1952 <sup>1</sup> .....	2,150	4	31,765	82,527,194	331,817,141	178,221,013	518,410,811
1953 <sup>1</sup> .....	2,072	4	33,082	92,605,153	346,221,162	199,660,428	555,814,827
<b>British Columbia:</b>							
1917 .....	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,927
1920 .....	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1929 <sup>3</sup> .....	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933 .....	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1939 .....	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1944 .....	2,116	4	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1948 .....	3,525	4	86,599	193,954,224	549,275,003	417,600,758	985,516,621
1949 .....	3,493	4	82,934	196,403,722	531,112,329	409,665,348	959,008,088
1950 .....	3,696	4	87,375	216,656,977	634,177,837	479,606,261	1,133,016,956
1951 .....	3,897	4	93,647	262,626,283	789,840,417	592,448,565	1,404,880,341
1952 <sup>1</sup> .....	4,225	4	92,667	283,530,976	751,011,248	556,172,312	1,332,481,862
1953 <sup>1</sup> .....	4,317	4	93,844	300,921,318	724,495,754	615,686,215	1,366,823,690
<b>Yukon and N.W.T.:</b>							
1939 .....	5	538,847	55	97,766	138,500	92,054	242,968
1944 .....	12	4	67	118,972	189,718	280,803	489,256
1948 .....	17	4	137	346,220	818,919	379,525	1,330,110
1949 .....	18	4	148	359,068	643,807	604,896	1,377,453
1950 .....	19	4	123	285,656	1,039,954	569,167	1,741,531
1951 .....	18	4	152	405,690	1,097,991	758,986	2,018,909
1952 <sup>1</sup> .....	23	4	164	530,126	1,075,561	1,022,974	2,288,039
1953 <sup>1</sup> .....	30	4	177	569,995	1,349,970	1,012,008	2,516,683

1. See footnote 5, Table 1.

2. See footnote 2, Table 1.

3. Includes Yukon.

4. Not collected.

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-53

Industrial Group and Year	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	No.	\$	\$	\$	\$
<b>Foods and beverages:</b>						
1945.....	8,872	156,396	224,908,882	1,336,820,028	558,247,045	1,921,774,601
1946.....	8,862	160,821	241,769,865	1,408,818,069	604,120,647	2,040,708,650
1947.....	8,869	167,865	276,245,015	1,656,529,086	695,092,932	2,383,975,675
1948.....	8,686	168,893	311,235,618	2,034,844,290	766,434,971	2,839,531,142
1949.....	8,558	170,024	332,536,319	2,009,246,062	834,017,547	2,882,581,753
1950.....	8,401	167,664	346,714,443	2,102,437,260	885,322,008	3,029,810,604
1951.....	8,388	172,493	392,859,435	2,419,206,798	985,240,884	3,450,030,515
1952 <sup>2</sup> .....	8,263	175,552	429,650,055	2,333,089,054	1,091,944,158	3,472,516,950
1953 <sup>2</sup> .....	8,129	176,649	455,280,552	2,296,739,737	1,146,473,720	3,491,961,511
<b>Tobacco and tobacco products:</b>						
1945.....	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
1946.....	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
1947.....	91	10,880	16,234,772	97,121,002	49,221,094	146,793,011
1948.....	79	10,459	19,550,563	95,851,271	57,666,963	153,993,442
1949.....	72	10,686	21,896,378	113,357,196	58,529,226	172,420,213
1950.....	68	10,322	22,628,918	122,610,179	65,175,854	188,330,523
1951.....	62	9,826	24,438,218	119,590,053	59,033,325	179,177,093
1952 <sup>2</sup> .....	61	9,277	25,405,072	144,537,670	70,777,110	215,914,370
1953 <sup>2</sup> .....	55	9,494	26,765,643	138,491,048	75,015,218	214,145,491
<b>Rubber products:</b>						
1945.....	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
1946.....	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
1947.....	60	23,475	46,613,893	82,934,625	110,673,007	196,307,734
1948.....	56	21,703	48,273,015	84,223,731	106,999,669	194,111,934
1949.....	62	20,729	48,172,207	73,895,718	101,705,513	178,503,559
1950.....	61	21,812	54,262,864	101,773,382	134,061,761	239,184,510
1951.....	67	23,054	64,357,696	146,951,650	161,184,980	311,678,489
1952 <sup>2</sup> .....	70	21,582	65,477,683	120,799,295	162,493,060	286,654,629
1953 <sup>2</sup> .....	72	22,600	70,994,643	114,336,694	172,674,055	290,735,459
<b>Leather products:</b>						
1945.....	706	34,123	43,268,635	95,006,015	71,297,713	167,888,463
1946.....	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
1947.....	792	35,724	52,628,612	123,894,474	86,646,061	212,430,165
1948.....	757	34,291	55,122,863	114,819,233	86,947,703	203,758,501
1949.....	747	34,900	59,699,886	117,869,462	91,157,684	210,804,174
1950.....	747	32,990	57,809,677	121,217,195	87,419,427	210,563,013
1951.....	711	31,578	59,668,764	135,114,110	84,885,048	221,882,794
1952 <sup>2</sup> .....	701	32,103	66,153,490	115,714,505	101,511,149	219,200,929
1953 <sup>2</sup> .....	695	33,068	70,965,495	116,416,179	103,937,262	222,410,182
<b>Textile products: (except clothing)</b>						
1945.....	664	66,011	88,372,939	217,289,281	165,689,522	391,182,025
1946.....	720	67,366	95,637,733	215,853,616	178,852,730	402,966,184
1947.....	747	73,979	116,228,736	289,986,732	215,170,493	514,844,838
1948.....	722	75,816	141,002,245	331,943,622	261,774,544	604,946,333
1949.....	747	77,773	156,166,554	339,644,950	285,641,367	636,824,130
1950.....	846	80,328	169,175,142	412,682,853	315,556,761	741,262,685
1951.....	847	81,710	185,030,489	495,304,102	337,936,447	846,477,303
1952 <sup>2</sup> .....	918	72,739	178,689,466	418,522,518	312,627,434	744,141,645
1953 <sup>2</sup> .....	959	73,190	184,604,616	388,324,584	299,231,284	700,690,265
<b>Clothing: (textile and fur)</b>						
1945.....	2,676	99,959	131,478,496	251,899,847	222,307,384	476,754,319
1946.....	2,988	105,868	146,265,152	285,568,957	263,018,398	551,331,576
1947.....	3,121	110,329	166,951,727	311,018,817	300,527,093	614,594,703
1948.....	3,100	115,105	191,866,371	361,216,438	345,028,807	709,688,704
1949.....	3,058	117,752	206,512,782	371,128,833	352,741,236	727,498,836
1950.....	3,051	116,248	211,223,347	377,552,172	352,889,623	734,214,334
1951.....	3,083	115,733	222,364,947	405,347,118	370,672,177	780,012,025
1952 <sup>2</sup> .....	3,041	117,668	240,539,672	443,956,596	405,091,338	853,151,206
1953 <sup>2</sup> .....	3,082	120,071	254,425,960	439,262,654	414,503,222	857,981,013
<b>Wood products:</b>						
1945.....	7,656	93,209	119,833,932	240,482,275	208,979,657	454,447,165
1946.....	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,251
1947.....	9,744	120,434	186,467,946	398,854,196	365,050,223	771,403,332
1948.....	10,495	124,306	214,741,924	428,913,571	401,401,795	839,045,068
1949.....	11,191	121,632	224,902,644	436,637,453	393,928,758	840,355,634
1950.....	11,301	126,169	246,325,125	510,565,003	463,853,510	985,859,493
1951.....	11,975	131,278	283,062,074	610,807,577	529,300,377	1,153,376,772
1952 <sup>2</sup> .....	12,467	130,468	299,430,981	618,979,510	534,155,313	1,167,629,531
1953 <sup>2</sup> .....	12,462	134,310	325,619,252	649,731,056	577,381,926	1,242,014,812
<b>Paper products:</b>						
1945.....	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
1946.....	486	67,442	134,320,546	313,410,656	333,819,710	695,085,534
1947.....	502	73,445	168,632,394	410,456,570	443,374,435	911,238,813
1948.....	522	75,980	197,397,810	485,237,427	509,993,037	1,061,359,807
1949.....	524	76,471	208,348,621	494,300,501	532,288,636	1,093,060,326
1950.....	528	77,519	225,197,438	541,260,626	638,111,352	1,251,144,125
1951.....	547	82,889	276,521,006	683,488,653	827,924,962	1,589,842,162
1952 <sup>2</sup> .....	543	82,965	292,682,283	694,190,401	736,217,142	1,510,148,791
1953 <sup>2</sup> .....	555	84,436	310,107,707	717,460,043	767,273,583	1,568,250,521
<b>Printing, publishing and allied trades:</b>						
1945.....	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
1946.....	2,404	48,950	86,433,880	65,501,698	154,951,731	222,548,636
1947.....	2,458	52,096	101,611,652	82,585,466	178,667,051	263,632,152
1948.....	2,496	54,541	119,087,977	96,384,499	208,208,175	307,345,914
1949.....	3,866	61,834	141,489,984	124,684,351	250,162,704	377,908,182
1950.....	3,869	63,125	154,369,637	135,510,227	274,098,833	413,011,915
1951.....	4,019	64,694	170,828,730	152,753,412	295,642,569	452,142,515
1952 <sup>2</sup> .....	4,124	64,485	186,250,715	160,393,787	326,662,173	490,934,851
1953 <sup>2</sup> .....	4,157	66,530	205,626,554	175,222,037	364,363,975	543,752,372

TABLE 3. Summary Statistics of Manufactures, by Industrial Groups, 1945-53 - Concluded

Industrial Group and Year	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	No.	\$	\$	\$	\$
<b>Iron and steel products:</b>						
1945.....	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
1946.....	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
1947.....	2,200	162,399	334,044,246	451,289,335	580,342,444	1,064,654,410
1948.....	2,263	170,071	400,878,271	570,290,989	709,347,226	1,320,527,400
1949.....	2,347	163,622	413,227,553	619,499,256	760,934,249	1,419,145,725
1950.....	2,390	164,528	438,244,749	662,332,192	817,060,278	1,524,384,478
1951.....	2,435	183,323	547,314,615	860,565,510	991,334,800	1,904,650,130
1952 <sup>2</sup> .....	2,625	189,191	617,010,924	947,993,190	1,134,043,024	2,135,031,744
1953 <sup>2</sup> .....	2,698	188,236	643,474,127	906,165,239	1,140,931,549	2,098,551,079
<b>Transportation equipment:</b>						
1945.....	504	154,844	326,748,794	498,241,686	523,910,119	1,034,666,913
1946.....	539	100,745	200,097,765	301,206,839	279,333,127	590,128,311
1947.....	562	104,348	230,898,680	426,573,091	366,151,761	803,611,372
1948.....	578	101,816	255,504,526	509,910,825	419,133,597	941,483,906
1949.....	596	104,750	270,852,111	584,064,330	466,529,164	1,063,211,331
1950.....	601	104,176	290,436,378	674,833,465	552,171,399	1,239,579,727
1951.....	599	122,517	368,106,433	870,178,794	657,424,400	1,541,589,828
1952 <sup>2</sup> .....	617	146,360	473,118,450	1,009,470,570	778,347,604	1,803,699,823
1953 <sup>2</sup> .....	621	156,059	555,411,152	1,110,953,581	961,205,155	2,089,937,633
<b>Non-ferrous metal products:</b>						
1945.....	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
1946.....	474	40,855	75,855,699	311,082,975	148,492,336	484,618,453
1947.....	503	43,344	91,046,568	434,517,197	201,162,856	668,074,514
1948.....	503	46,048	108,778,616	556,238,618	248,225,806	844,598,154
1949.....	532	44,698	114,591,106	537,218,214	289,125,405	867,043,028
1950.....	536	44,680	119,535,596	606,691,788	311,539,390	960,751,814
1951.....	536	50,114	150,733,704	797,412,763	406,616,836	1,253,599,168
1952 <sup>2</sup> .....	552	50,938	167,045,084	744,596,427	414,920,456	1,215,118,447
1953 <sup>2</sup> .....	551	52,058	178,710,057	726,128,115	458,180,471	1,242,010,994
<b>Electrical apparatus and supplies:</b>						
1945.....	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
1946.....	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
1947.....	296	52,736	103,891,016	162,131,266	200,859,040	366,506,203
1948.....	314	53,873	122,113,644	180,344,829	241,333,960	425,725,279
1949.....	365	55,916	137,278,521	212,460,413	269,341,983	486,286,355
1950.....	382	60,262	155,334,065	260,306,027	315,136,176	580,578,386
1951.....	373	67,626	194,749,038	316,561,307	353,602,872	766,008,959
1952 <sup>2</sup> .....	401	69,200	217,564,936	313,713,170	395,933,805	715,873,342
1953 <sup>2</sup> .....	422	76,856	250,646,777	383,743,994	457,489,516	848,190,254
<b>Non-metallic mineral products:</b>						
1945.....	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
1946.....	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
1947.....	863	26,443	50,456,143	66,266,546	115,277,990	201,786,910
1948.....	934	27,278	58,816,381	72,577,633	134,897,744	232,148,324
1949.....	1,020	28,139	64,594,354	78,401,065	143,872,615	246,457,799
1950.....	1,045	29,603	72,380,410	91,168,605	168,377,747	286,541,363
1951.....	1,042	31,522	86,078,972	109,011,701	195,348,829	334,875,398
1952 <sup>2</sup> .....	1,057	31,422	92,818,919	115,217,568	203,692,859	350,051,630
1953 <sup>2</sup> .....	1,094	34,352	107,275,074	134,118,848	239,815,853	408,909,192
<b>Products of petroleum and coal:</b>						
1945.....	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
1946.....	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
1947.....	80	12,769	28,689,932	257,420,851	84,073,746	361,333,008
1948.....	75	13,678	34,766,341	369,035,161	97,064,006	491,961,894
1949.....	77	14,552	39,783,500	391,036,128	117,819,090	533,730,719
1950.....	76	15,177	44,425,368	442,418,483	144,488,664	616,126,299
1951.....	82	15,598	51,947,890	497,982,695	179,872,590	709,550,035
1952 <sup>2</sup> .....	101	16,905	63,573,173	519,629,241	225,825,749	780,436,047
1953 <sup>2</sup> .....	100	17,112	66,565,434	576,310,641	211,552,953	823,089,340
<b>Chemicals and allied products:</b>						
1945.....	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
1946.....	1,031	38,012	67,842,339	179,749,719	208,399,498	401,741,703
1947.....	1,046	39,237	78,993,517	238,310,157	234,056,973	488,307,293
1948.....	1,026	39,548	89,325,771	293,041,874	268,818,222	579,827,509
1949.....	1,037	41,328	100,690,662	280,008,945	288,171,551	587,398,215
1950.....	1,033	41,475	106,794,403	307,705,741	317,166,711	646,870,510
1951.....	1,037	45,664	131,310,151	366,957,695	384,026,141	776,489,391
1952 <sup>2</sup> .....	1,075	47,694	148,075,675	357,818,760	414,087,592	796,562,234
1953 <sup>2</sup> .....	1,105	50,207	164,590,810	403,686,331	448,276,576	881,503,845
<b>Miscellaneous industries:</b>						
1945.....	692	24,024	37,187,275	83,549,139	59,608,689	144,523,599
1946.....	706	20,567	30,262,299	48,617,375	58,718,602	108,607,036
1947.....	800	22,247	36,291,117	44,390,608	65,708,063	111,532,447
1948.....	814	22,315	40,906,054	48,007,617	75,510,756	125,116,374
1949.....	893	26,401	51,147,475	59,778,187	94,600,066	156,363,321
1950.....	1,007	27,219	56,409,875	67,469,334	99,628,735	169,312,602
1951.....	1,173	28,756	66,908,755	87,292,415	120,899,546	210,804,555
1952 <sup>2</sup> .....	1,313	29,833	74,133,582	87,550,232	135,203,233	225,620,866
1953 <sup>2</sup> .....	1,350	32,223	85,954,495	103,467,901	154,763,033	261,282,891

1. Increase is due to the inclusion for the first time of establishments that publish periodicals without doing any printing.

2. See footnote 5, Table 1.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible from 1917 to 1953. In analysing statistics of production and materials used, price changes should be borne in mind, particularly the inflation of values in the years immediately following World War I, the drop in prices of commodities during the depressions following 1921 and 1930, and the increases again in the recent war and post-war period. The figure that shows most clearly the trend of development is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 10,397,703 in 1953, an advance of about 527 p.c. in 36 years. In the same period, horse-power per production employee showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of production employees on war production, and the more efficient utilization

of the equipment available, the horse-power per production employee dropped to 6.28 in 1944; the increasing installation of power machinery and the decline in employment after the war resulted in a rise to 8.52 in 1948 and 9.87 in 1953. The significant feature is the increase in both the absolute figures of power employed and the averages per production employee during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1945. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average earnings since 1929. Between 1949 and 1953 the value of purchased fuel and electricity increased by 34.7 per cent; for full details of fuel and electricity used by the manufacturing industries see Tables 57 and 58.

TABLE 4. Significant Statistics of Manufactures for Certain Years 1917-1953

Item		1917	1920	1929 <sup>1</sup>	1933
Establishments	No.	21,845	22,532	22,216	23,780
Totals, employees	"	606,523	598,893	666,531	468,658
Averages, per establishment	"	27.8	26.6	30.0	19.7
Totals, earnings	\$	497,801,844	717,493,876	777,291,217	436,247,824
Averages, per establishment	\$	22,788	31,843	34,988	18,345
Averages, per employee	\$	821	1,198	1,166	931
Supervisory and office employees	No.	64,918	78,334	88,841	86,636
Averages, per establishment	"	3.0	3.5	4.0	3.6
Earnings	\$	85,353,667	141,837,361	175,553,710	139,317,946
Averages, per employee	\$	1,315	1,811	1,976	1,608
Production workers	No.	541,605	520,559	577,690	382,022
Averages, per establishment	"	24.8	23.1	26.0	16.1
Earnings	\$	412,448,177	575,656,515	601,737,507	296,929,878
Averages, per employee	\$	762	1,106	1,042	777
Cost of materials	\$	1,539,678,811	2,085,271,649	2,029,670,813	967,788,928
Averages, per establishment	\$	70,482	92,547	91,361	40,698
Averages, per employee	\$	2,539	3,482	3,045	2,065
Values added by manufactures <sup>3</sup>	\$	1,281,131,980	1,621,273,348	1,755,386,937	919,671,181
Averages, per establishment <sup>3</sup>	\$	58,646	71,954	79,015	38,674
Averages, per employee <sup>3</sup>	\$	2,112	2,707	2,634	1,962
Gross value of products	\$	2,820,810,791	3,706,544,997	3,883,446,116	1,954,075,785
Averages, per establishment	\$	129,128	164,501	174,804	82,173
Averages, per employee	\$	4,651	6,189	5,286	4,170
Power employed	H.P.	1,658,475	2,068,875	3,855,648	4,135,008
Averages, per establishment	"	76	92	174	174
Averages, per production worker	"	3.06	3.97	6.67	10.82
		1939	1944	1949	1953
Establishments	No.	24,805	28,483	35,792	38,107
Totals, employees	"	658,114	1,222,882	1,171,207	1,327,451
Averages, per establishment	"	26.5	42.9	32.7	34.8
Totals, earnings	\$	737,811,153	2,029,621,370	2,591,890,657	3,957,018,348
Averages, per establishment	\$	29,744	71,257	72,415	103,840
Averages, per employee	\$	1,121	1,660	2,213	2,981
Supervisory and office employees	No.	124,772	192,558	221,551	274,225
Averages, per establishment	"	5.0	6.8	6.2	7.2
Earnings	\$	217,839,334	418,065,594	628,427,937	1,016,679,409
Averages, per employee	\$	1,746	2,171	2,836	3,707
Production workers	No.	533,342	1,030,324	949,656	1,053,226
Averages, per establishment	"	21.5	36.2	26.5	27.6
Earnings	\$	519,971,819	1,611,555,776	1,963,462,720	2,940,338,939
Averages, per employee	\$	975	1,564	2,068	2,792
Cost of materials	\$	1,836,159,375	4,832,333,356	6,843,231,064	9,380,558,682
Averages, per establishment	\$	74,024	169,657	191,194	246,163
Averages, per employee	\$	2,790	3,952	5,843	7,067
Values added by manufactures <sup>3</sup>	\$	1,531,051,901	4,015,776,010	5,330,566,434	7,993,069,351
Averages, per establishment <sup>3</sup>	\$	61,724	140,989	148,932	209,753
Averages, per employee <sup>3</sup>	\$	2,326	3,284	4,551	6,021
Gross value of products	\$	3,474,783,528	9,073,692,519	12,479,593,300	17,785,416,854 <sup>4</sup>
Averages, per establishment	\$	140,084	318,565	348,670	466,723
Averages, per employee	\$	5,280	7,420	10,655	13,398
Power employed	H.P.	5,045,287	6,468,439	2	10,397,703
Averages, per establishment	"	203	227	2	273
Averages, per production worker	"	9.46	6.28	2	9.87

1. A change in the method of computing the number of production workers 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 as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are therefore comparable with those for 1924 and earlier years.

2. Not collected since 1949.

3. See footnote 1, Table 1.

4. See footnote 5, Table 1.



**Consumption of Manufactured Products.**—One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1953 was \$18,523,565,572, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports. 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 material worked upon in another. Iron, vegetable, wood and paper, non-ferrous metals and textiles were, in that order, the leading groups in the value of finished products made available for consumption in 1953.

Animal, wood and paper, and non-ferrous metal products were manufactured in Canada in greater quantities than required for home consumption, providing export balances in these groups.

On balance, Canada in the past imported large quantities of iron and steel, textiles, chemicals and non-metallic mineral

products in spite of large home production. The expansion of the iron and steel, chemical and non-metallic mineral products industries will enable Canada to meet more of her requirements for home consumption and to export greater quantities in the future.

Significant changes have taken place since 1939 in the type of manufactured products made available for consumption. In that year, the iron and its products group was in leading position and contributed 19.8 per cent of the total value of manufactured products. In 1953 this group was still in first place, but the percentage went up to 23.5. The non-ferrous metal and the wood and paper products groups also increased their share of the total. Although the non-metallic mineral products group declined somewhat, the three mineral groups, combined, increased substantially their share of the total from 35.9 in 1939 to 42.1 in 1953. This indicates a higher standard of living for the Canadian people and also reflects the great expansion and diversification in manufacturing which has taken place since 1939. The industries producing consumer goods, on the other hand, suffered a relative decline. Vegetable products dropped from 19.6 to 14.4 per cent, textiles from 13.3 to 8.4 per cent, animal products from 11.8 to 10.0 per cent, etc. The following table gives the relative position of the major industrial groups in 1939 and 1953.

**Manufactured Products Made Available for Consumption**  
(Percentage of the Total)

Group	1939	1953	Group	1939	1953
Vegetable products .....	19.6	14.4	Non-ferrous metal products .....	8.9	11.7
Animal products .....	11.8	10.0	Non-metallic mineral products .....	7.2	6.9
Textiles and textile products .....	13.3	8.4	Chemicals and allied products .....	5.3	4.7
Wood and paper products .....	11.6	18.9	Miscellaneous industries .....	2.5	1.5
Iron and its products .....	19.8	23.5	<b>Total .....</b>	<b>100.0</b>	<b>100.0</b>

**TABLE 5. Consumption of Manufactured Products, 1928-53, and by Industrial Groups, 1953**

Year	Value of products manufactured	Manufactured and partly manufactured goods <sup>1</sup>		Value of manufactured products available for consumption
		Value of net imports	Value of domestic exports	
1928 .....	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929 .....	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930 .....	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931 .....	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932 .....	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933 .....	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934 .....	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935 .....	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936 .....	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937 .....	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938 .....	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939 .....	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940 .....	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941 .....	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942 .....	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943 .....	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944 .....	9,073,692,519	1,302,413,996	2,668,575,781	7,707,530,734
1945 .....	8,250,368,866	1,117,544,874	2,352,441,796	7,015,471,944
1946 .....	8,035,692,471	1,390,123,100	1,701,677,026	7,724,138,545
1947 .....	10,081,026,580	1,928,250,119	2,124,740,343	9,884,536,356
1948 .....	11,875,169,685	1,869,702,089	2,259,247,456	11,485,624,318
1949 .....	12,479,593,300	2,043,583,929	2,017,055,615	12,506,121,614
1950 .....	13,817,526,381	2,289,162,070	2,239,733,915	13,866,954,536
1951 .....	16,392,187,132	3,034,709,829	2,749,091,256	16,677,805,705
1952 .....	16,982,687,035 <sup>3</sup>	3,125,381,333	2,892,543,945	17,215,524,423
<b>Industrial Groups, 1953<sup>2</sup></b>				
Vegetable products .....	2,553,043,649	243,365,107	220,942,512	2,575,466,244
Animal products .....	1,788,686,145	47,532,242	100,083,146	1,736,135,241
Textiles and textile products .....	1,488,759,548	297,548,191	22,706,780	1,763,600,959
Wood and paper products .....	3,369,498,811	153,360,817	1,231,305,534	2,291,554,094
Iron and its products .....	4,173,007,606	1,482,001,152	327,595,061	5,327,413,697
Non-ferrous metal products .....	2,090,201,248	329,952,541	528,557,434	1,891,596,355
Non-metallic mineral products .....	1,231,998,532	274,089,469	96,443,473	1,409,644,528
Chemicals and allied products .....	830,660,405	220,107,211	137,885,215	912,882,401
Miscellaneous industries .....	259,560,910	471,461,773	115,750,630	615,272,053
<b>Totals, 1953</b> .....	<b>17,785,416,854<sup>3</sup></b>	<b>3,519,418,503</b>	<b>2,781,269,785</b>	<b>18,523,565,572</b>

1. Figures for the years 1928-38 are for the fiscal years ended Mar. 31 of the following years: for 1939-53 they are for the calendar year. Net imports are total imports less foreign products re-exported.

2. Consumption figures for the major groups of the Standard Industrial Classification cannot be calculated as statistics of imports and exports are still compiled on the component material classification basis.

3. See footnote 5, table 1.

## SECTION 2. VALUE AND VOLUME OF MANUFACTURED PRODUCTS

**Value of Manufactured Products.**—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind. In recent years, due to violent changes in prices, unadjusted value series, used in isolation, have become increasingly inadequate as indicators of economic trends. Of necessity, interest has shifted to measures of volume. The range of prices since 1917, on the base period 1935-39 = 100, was as follows:

Year	General Wholesale	Fully or Chiefly Manufactured Products
1917 .....	148.9	150.9
1920 .....	203.2	208.2
1929 .....	124.6	123.7
1933 .....	87.4	93.3
1939 .....	99.2	101.9
1951 .....	240.2	242.4
1952 .....	226.0	230.7
1953 .....	220.7	228.8

**Volume of Manufactured Products.**—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, and not whether they are expending more dollars and cents. The field of industrial production, because of its dominating position in the national economy, has attracted increasing attention. This, in turn, has resulted in the need for more accurate measurements of physical output.

During the past few years, the Business Statistics Section of the Bureau's Research and Development Division has been engaged in the reconstruction of the Index of Industrial Production. The project consisted mainly of establishing annual gross and net levels of production for each industry from census of industry data and of improving the reliability of the current monthly series. For a description of the methods used in constructing the indexes and a description of its scope, see D.B.S. Reference Paper No. 34 "Revised Index of Industrial Production, 1935-1951".

The construction of this index was made possible by the availability of a great deal of basic data. Annual statistics valuable for this project have been collected by the Bureau without interruption from the end of the first World War to the present, and the scope of the monthly information has been greatly expanded. Applying the methods developed through the experience of the last quarter century, it has been possible to compute an index with a fair measure of accuracy from 1935 to the present.

Prior to the end of the first World War, the movement of industrial production was regarded as following the output of a few factors such as pig iron. The introduction of the index number placed the information on a much wider base. It is safer to base one's impression of the current trend upon a comprehensive index embracing a wide range of economic factors than upon any limited group of components that necessarily fluctuate according to particular influences.

An index of this kind offers considerable advantage in analyzing social and economic problems. The greatest call for the index is for the interpretation of current economic conditions. It is particularly relevant in the study of business fluctuations. While the index is based on the sectors of the economy that are particularly sensitive to short term influences, it also reflects a large part of the variations in the total of all economic activity. The output of mines and factories plays a dominant part in economic fluctuations and is closely associated with transport and trade which are mainly concerned with the distribution of commodities. The barometric nature of the industrial sector enhances the value of the index as an indicator of short-term movements but its usefulness in the interpretation of long-term economic developments should not be overlooked.

The Canadian annual Census of Industry, from which final benchmark indexes are computed, covers practically all establishments, but excludes work in the home. In the matter of repairs, the census of manufactures generally excludes work performed in connection with a service trade such as boot and shoe and automobile repairs. However, the census covers repairs carried on essentially under industrial conditions, such as ship and locomotive repairs. Consequently only industrial-type repairs are included in the index.

The framework of the revised index is based on the new Standard Classification of Industries prepared by an inter-departmental working committee. The preceding system used by the Bureau of Statistics was of a three-fold nature based on (1) chief component material; (2) purpose and (3) origin. The first principle was used most extensively, the criteria of purpose and origin having been used for the presentation of supplementary series which played a secondary role in Bureau publications.

The main innovation introduced in the Standard Classification was the compromise between the different principles. In recent years, Canada's industrial system has undergone considerable development, from a country primarily concerned with the early stages in the processing of primary materials to one that is turning out more and more goods for final consumption. Consequently, in establishing the new classification, the concept of "purpose" has been combined with that of "chief component material" in the framework of the classification of manufacturing industries. The purpose phase was regarded as most appropriate for the wide range of consumer goods such as clothing and foods and beverages.

The industries grouped under the component material phase of the classification from 1935 to 1948 were re-arranged to conform with the standard model. As most of the industries were not greatly affected by the change in classification they were transferred intact to the proper position in the new system. The standard classification, for the most part, provided for comparability at the industry level. It was applied to establishments for the first time in the 1949 census of manufactures. In a number of industries, where the change in classification seriously disturbed the continuity, establishments were re-combined for the whole period covered by the index. The manufacture of synthetic rubber, for example, was transferred from the rubber industry to "miscellaneous chemicals". Plants engaged in the production for distribution of manufactured gas were transferred from "coke and gas" to the gas and electricity division. The salt industry was adjusted so as to comprise only processing operations for inclusion in the manufacturing division of the index. Three minor industries which were reclassified to non-industrial groups were dropped from the computation.

The appropriate series in the manufacturing division were re-classified to obtain sub-indexes of economic significance. The movement of durable goods normally varies from that of non-durables. There tends to be greater fluctuation in durables from prosperity to depression, the demand for non-durables being more constant. The manufacturing division was therefore divided, at the major group level, as between durable manufactures and non-durable manufactures. Although these groupings are rather rough and ready, they are of great use in economic analysis. The classification into producers' and consumers' goods, attempted in some countries, involves more difficulty as many intermediate commodities have alternate uses, and was not attempted here.

**Volume of Production, 1923-35.**—The indexes of volume of production, 1923-1935 given in Table 6 below were constructed in the General Manufactures Section of the Industry and Merchandising Division for the years 1923 to 1946. On comparing the index for 1935 given in Table 6 which stood at 87.9 with the new index for 1935 at 86.5 given in Table 7, it would appear that for the back years little significant variation existed between the two series. The indexes in Table 6 may therefore be used in evaluating the changes in the volume of manufacturing production between 1923 and 1935.

The physical volume of manufacturing production increased 50 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11 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 therefore be about 11 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 1929-30, 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. From a high of 101.4 in 1929 the volume of production declined to 67.6 in 1932 and climbed again to 87.9 in 1935.

**TABLE 6. Indexes of the Volume of Manufacturing Production, According to the Component Material Classification, 1923-35**  
(1935-39 = 100)

Year	Vegetable	Animal	Textiles	Wood and paper	Iron	Non-ferrous metal	Non-metallic mineral	Chemicals	Miscellaneous	All industries
1923 .....	62.6	75.0	64.3	65.1	81.5	42.7	81.8	59.2	99.5	67.5
1924 .....	67.8	80.4	62.1	64.0	68.6	46.4	78.9	60.5	95.0	66.3
1925 .....	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5	72.5
1926 .....	80.2	92.2	75.8	78.1	102.6	58.6	89.6	70.5	104.4	82.5
1927 .....	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2	87.9
1928 .....	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5	95.8
1929 .....	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6	101.4
1930 .....	91.6	85.3	80.0	92.1	108.6	76.8	122.9	74.9	87.8	91.9
1931 .....	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0	79.9
1932 .....	74.1	76.7	74.6	68.0	53.5	58.9	75.1	66.0	75.8	67.6
1933 .....	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9	67.7
1934 .....	82.4	86.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2	79.6
1935 .....	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1	87.9

**Volume of Production, 1935-1953.** The period covered by this report was characterized by unprecedented industrial expansion. Emerging from a depression practically world-wide in scope, industrial operations in this country entered a period of rapid growth which was maintained throughout the war and post-war years without important interruption.

A problem confronting business economists is to determine how much of the post-war industrial "drive" was due to normal growth factors and how much of it was caused by the backlog of war accumulated demand. While it is true that the greatest demand accumulation took place in housing and consumer durables, non-durables such as textiles and clothing also started the post-war period with a sizeable backlog of unfilled demand. It is now becoming apparent, after the vigorous pace of business following the outbreak of hostilities in Korea, that a considerable portion of this demand has been satisfied and some industries, notably textiles, clothing, agricultural implements and some major appliances, are experiencing difficulties. However, overall prospects appear bright for the near future. The increased productive activity which will result from the present very high level of capital investment is not as yet fully reflected in current production statistics. Huge expansion and development programmes are well under way in iron ore, aluminium and other metals, oil, chemicals, electric power, and in a number of other industries. In addition, federal government expenditures for national defence should still exert some influence on the economic picture.

The volume of output of manufactures rose steeply after the outbreak of hostilities in 1939. Productive facilities responded quickly to the urgent requirements of the armed forces. In the early days of the war, production assignments allotted were comparatively simple, but as the pre-war weapons became obsolete and as Canada proved herself capable of turning out larger and more complex equipment, the assignments constantly shifted, changed and grew more difficult. The production figures merely suggest the magnitude of the achievement. They cannot describe the tremendous effort needed to convert a semi-agricultural country into a wartime arsenal nor the complications which arose because of shortages of manpower, tools and materials.

The productive peak was reached in 1944, when weapons, supplies and equipment were rolling off the assembly lines at record-breaking pace. The end of hostilities and the subsequent reconversion to peace-time production were attended with declines in output in 1945 and 1946. The upward trend was resumed, however, in 1947. The rate of advance slackened moderately in 1948 and 1949 but regained most of its 1947 impetus in 1950 when the renewal of hostilities in Korea resulted in heavy anticipatory buying on the part of consumers and in growing expenditures for national defence. A remarkable feature is that in 1952, the index of the volume of manufacturing production which stood at 246.3 had surpassed the record wartime level of 242.3 established in 1944. The index continued to advance in 1953, reaching a record high of 263.0.

**TABLE 7. Indexes of the Total Volume of Manufacturing Production, Classified on the Basis of Durable and Non-Durable Goods, 1935-1953**

(1935-39 = 100)

Year	All manufactures	Non-durable manufactures	Durable manufactures
1935 .....	86.5	89.0	82.7
1936 .....	95.5	97.1	93.1
1937 .....	109.3	106.7	113.2
1938 .....	100.6	98.9	103.2
1939 .....	108.1	108.2	107.9
1940 .....	134.4	124.6	149.7
1941 .....	175.9	148.7	218.5
1942 .....	215.7	169.4	288.1
1943 .....	234.5	171.5	333.0
1944 .....	242.3	179.8	340.1
1945 .....	209.8	176.3	262.1
1946 .....	189.9	180.2	205.1
1947 .....	207.7	191.2	233.5
1948 .....	215.5	197.1	244.4
1949 .....	217.0	198.2	246.3
1950 .....	228.1	208.3	259.1
1951 .....	242.1	214.0	285.9
1952 .....	246.3	215.2	294.9
1953 .....	263.0	224.1	323.9



### Non-durable Manufactures

The trend of output in the non-durable sector of manufacturing was visibly smoother than in the durable sector. Except in two years, 1938 and 1945, there has been no interruption in the upward movement of production during the period under review. Despite the fact that war contracts quickened the pace of output in some of the industries, production continued to expand after the war, although at a slower rate. Unlike durable goods, non-durable commodities are mostly consumers' goods and are less influenced by sudden changes in the international situation or the capital investment programmes of producers and governments. By 1953 the non-durables index of output had reached 224.1, the highest on record.

The production of processed foods and beverages rose without pause throughout the period. A characteristic of most manufactured foods industries is the high ratio of the value of materials consumed to the value of products, indicating a relatively low degree of fabrication per unit of output. The "net" aggregates for these industries are consequently extremely sensitive to even minor changes in the composition of production or in the amount of processing applied to the raw materials. The advance in the production of beverages was practically uninterrupted from 1935 to the present. In 1953, the volume of output was more than 3 times what it was in the base period. The largest increases were recorded in the aerated waters and brewing industries. The indexes of these industries attained levels approaching 367 and 358 in 1953. Wine production, after reaching a peak in 1947, dropped 36 per cent in the following three years. Some recovery was recorded in 1951 and 1952. In 1953, however, there was again a drop of about 14 per cent in the production of new wine. Output of liquor climbed steadily until 1946 when the index reached 209. During the next four years, the volume of production fluctuated within narrow limits and in 1952 advanced sharply to an index level of 260, with a further rise to 290 in 1953.

The great demand for cigarettes for members of the armed forces during the war contributed largely to the considerable increase in the tobacco products index which reached the record level of 230 in 1945. The index dropped to 204 the following year, but rose gradually thereafter to 228 in 1950. Weakening demand led to a decline of 7 per cent in 1951. Rapid recovery was made during the next two years with the index rising to 269.6 in 1953, highest on record.

The contribution of the "Rubber Products" industry to the war effort was mainly in the form of tires and tubes for military vehicles and aircraft. Production of passenger car tires and tubes was sharply curtailed as was the output of rubber footwear. After marked increases in 1940 and 1941, the index remained more or less stationary at around 150 until 1945 when civilian production was resumed and the index jumped to 180. The industry-wide strike in 1946 contributed to a decline in that year, but record-breaking demand for the industry's output led to sharp advances in the following years, and in 1951 the index had reached the maximum level of 264. In 1952 there was a drop of 7 per cent, and in 1953 there was a rise which brought the index back to the 1951 level of 264.

Output of leather products rose steadily until 1946 when the index reached a high point of 168. The subsequent easing of foreign demand for the industry's products contributed to the gradual decline of production in the post-war period with the result that this industry has shown the smallest growth of any in the manufacturing sector. In 1953, volume of output was only 37 per cent greater than in the base period. Production of leather tanneries was only 1.5 per cent higher than in 1935-39, while the output of boots and shoes was 57 per cent higher. Since 1946 the overall index dropped 19 per cent.

The textile (ex. clothing) industries reached their maximum wartime level of output in 1942 when the net index stood at 187. Production then fell off gradually until 1946 but recovered sharply in the post-war period to an index level of 212 in 1950. A slackening of demand for textile products in the latter half of 1951 resulted in a moderate decline in the index for that year with a further drop to 184 in 1952 and a slight improvement to 188 in 1953. The movements of individual industries within

the group have varied over the period. After reaching its highest level in 1942, the production of cotton goods declined steadily until 1947. After varying but fractionally in 1948 and 1949, output jumped 16 per cent in 1950, and remained practically unchanged in 1951, the recession in the last six months of the year just about offsetting the gains recorded in the first half. With continuing adverse conditions, the index dropped to a post-war low 123 in 1952, with a slight rise to 129 in 1953. Contributing to the higher level of net output during the period 1940-1943 in this industry was the comparatively sharp increase in production of piece-dyed and printed and painted fabrics which require considerably more processing than ordinary grey fabrics. When output of these two types of cloth declined to more normal levels, the change was reflected in the annual indexes.

Since 1938, the production index for synthetic textiles showed an unbroken record of increases and in 1951 stood at 393. In 1953 the index declined to 340. Much of the credit for increasing consumer acceptance of synthetics belongs to the achievements of research in improving manufacturing and dyeing techniques and in the development of new combinations of various fibres with a new range of qualities and practical applications.

Synthetic fibres are now being used in the fabrication of a host of commodities such as suitings, overcoatings, blankets, carpets, draperies, upholstery products, tire fabrics, etc., in addition to hosiery, dress fabrics and other women's wear. Moreover, Canadian producers are now supplying the bulk of domestic synthetic raw material requirements which were formerly imported from the United States. As a result, new investment outlays by the industry have increased considerably in the post-war period.

The trend in the physical output of clothing was similar to that of other textiles, the production index reaching a peak of 162 in 1942, then declining gradually until 1945. Since then, output fluctuated within narrow limits, rising to a post-war high of 159 in 1949, a low of 150 in 1951 and with a further rise to 154 in 1952. In 1953 the index rose sharply to 167, which is an all-time high. The industry is now facing keen competition and a more selective retail demand. By improving manufacturing methods and styling, the industry hopes to make available more desirable merchandise at lower prices. Weak demand contributed to a marked decline in the level of new investment in durable physical assets. Funds expended for new plant, machinery and equipment dropped from \$15.7 million in 1949 to \$11.9 million for 1950, and rose to an average of \$13.4 million during the past three years.

Production of paper products advanced sharply in the post-war period. The level of the index remained relatively steady from 1941 to 1944, but increased 54 per cent in the succeeding seven years to a record figure of 248. In 1952 the index dropped to 236 and increased to 245 in 1953. Activity in this sector of manufacturing is influenced mainly by the "Pulp and Paper" industry, which, in terms of value added, is the most important single manufacturing industry. In the last few years, the net value contributed by pulp and paper mills was more than twice that of any other industry. The growth of this industry during the period under review was characterized by two distinct phases. From 1935 to the end of the war, new investment by the industry was designed mainly to replace worn-out machinery and equipment and increases in output were principally the result of utilizing idle capacity after the depression of the thirties. Since 1945, however, with strong world demand for wood pulp and newsprint, together with the availability of necessary materials for expansion, the construction of new plant and the installation of new machinery and equipment reached record proportions. Investment in new plant and equipment, which averaged \$98 million during the previous three years dropped to \$92 million in 1953, a decrease of \$24 million from the record high reported in 1952.

In recent years, a greater proportion of pulp retained for consumption in Canada has been used for the manufacture of fine papers. The increase in newsprint production in later years has not kept pace with the more processed varieties of paper. In the base period, for example, newsprint accounted for 71 per cent of the total volume of output in the industry, whereas in 1947 it contributed only 61 per cent. This was a factor in the increasing ratio of net output to gross output in the post-



war period. Another contributing cause was the declining consumption of purchased power per unit of output. This appears to be evidence of the greater utilization of capacity and technological progress. A counter-acting influence was the gain in pulp made for export, which resulted in a drop in proportion of the quantity available for further processing in Canada.

The printing and publishing industries expanded very little during the war years. In 1944, output was only about 15 per cent greater than in the base period. Production grew rapidly, however, after the end of hostilities and in 1953, volume of output was more than double what it was in the five pre-war years, although this represents a substantially smaller advance than total manufacturing. The post-war increase coincided with the gain in the value of new investment which was mainly in the form of machinery and equipment to make up for deficiencies dating back to the depressed thirties and the war years. Investment in fixed assets totalled \$24 million in 1951 and \$16 million in 1953 as compared with only about \$2 million in 1944.

With few interruptions, output of petroleum and coal products rose steadily over the period under review to an index of 324 in 1953. Although production of coke failed to exceed its record wartime volume, petroleum refining, as the result of record-breaking post-war demand for gasoline and fuel oils, showed a marked expansion. In 1953, the production index stood at 385 compared with a wartime high of 170 in 1944. In recent years, the industry has added substantially to its refining capacity. From 1947 to 1951, expenditures for new plant, machinery and equipment which averaged more than \$37 million a year rose to \$66 million in 1953. Some of this rapid growth is associated with the remarkable progress made in the exploitation of western crude oil reserves. In 1953, oil from domestic wells represented 46 per cent of the total consumed by Canadian refineries. This compared with a contribution of 22 per cent in 1949.

Output of chemical products which include ammunition and explosives reached a record-high level in 1944 when the index stood at 390. Production in the post-war period has been at a considerably lower level, but increased significantly since 1950, with the advent of the defence programme. The expansion of the industry during the war made possible the manufacture of many products which were formerly imported. In addition, several entirely new products, such as synthetic rubber, were introduced. Demand for these commodities continued in the post-war period and the development of new sources of basic materials, together with the progress of research into additional commercial uses for these new compounds resulted in further expansion of production for civilian use.

The rapid wartime advance was mainly the result of the enlargement of the munition programme with the government and private industry combining forces in the construction of a huge explosives and ammunition-filling industry. At its peak in 1943, the production index for explosives and ammunition was 20 times higher than in the base period. Output dropped very rapidly after the end of the war and in 1946 the index was down to 107.

Since the Government-owned Polymer Corporation began producing synthetic rubber in 1943, output of this important commodity has expanded considerably, to a total of 90,000 tons in 1953. Production declined somewhat in 1947 and 1948 when imports of natural rubber were resumed, but recovered strongly to record levels since 1950, as the defence programme gathered momentum and as the rubber requirements of the motor vehicles industry rose to a new maximum. During 1953, synthetic rubber accounted for 49 per cent of total new rubber consumed in Canada. This commodity is classified to the "Miscellaneous Chemicals" industry.

TABLE 8. Indexes of the Volume of Manufacturing Production of the Groups Comprised within the Non-Durable Manufactures Classification, 1935-1953  
(1935-39 = 100)

Year	Non-durable-manufactures										
	Foods	Beverages	Tobacco and tobacco products	Rubber products	Leather products	Textile products (except clothing)	Clothing (textile and fur)	Paper products	Printing, publishing and allied trades	Products of petroleum and coal	Chemicals and allied products
1935.....	88.8	78.6	80.7	87.9	95.9	91.1	91.8	90.0	93.9	87.6	85.7
1936.....	97.7	93.2	88.9	96.2	96.3	101.7	97.0	98.9	99.5	95.7	92.1
1937.....	101.6	109.5	101.2	112.3	105.7	110.2	104.8	114.0	105.6	104.6	107.4
1938.....	102.5	107.2	110.9	97.0	93.3	88.8	98.4	91.7	98.9	102.7	103.5
1939.....	109.4	111.5	118.2	106.6	108.7	108.2	108.0	105.4	102.2	109.4	111.3
1940.....	119.4	131.0	126.6	116.5	116.1	147.6	125.5	126.6	102.1	125.9	136.2
1941.....	139.1	151.9	140.9	154.4	141.1	167.5	141.8	143.7	113.4	141.1	210.9
1942.....	144.3	174.5	171.5	150.6	150.0	186.8	161.9	143.4	114.4	138.2	345.8
1943.....	156.0	162.0	183.8	147.0	151.1	172.1	156.7	140.0	111.7	150.0	369.3
1944.....	171.1	190.5	200.6	149.0	149.6	162.0	147.1	149.1	114.9	171.8	390.4
1945.....	170.0	205.1	230.2	180.2	155.0	160.5	146.6	161.2	125.8	167.5	292.8
1946.....	177.2	234.4	204.4	158.0	167.9	161.7	152.9	188.9	143.8	167.4	237.7
1947.....	181.5	249.4	211.9	230.7	148.7	172.9	147.7	207.4	163.3	181.2	245.5
1948.....	183.0	270.9	215.8	227.6	129.6	180.2	156.0	217.7	177.2	199.0	243.2
1949.....	180.3	285.7	224.4	208.5	133.5	186.0	159.4	213.7	183.8	218.0	239.5
1950.....	183.6	282.9	227.5	251.9	126.8	212.4	155.7	230.4	195.3	243.5	253.7
1951.....	188.7	297.7	212.2	264.3	117.0	208.6	149.7	247.8	194.7	274.9	267.8
1952.....	195.5	323.6	242.3	246.4	128.0	184.1	154.4	235.5	192.4	295.1	272.4
1953.....	194.0	336.6	269.6	264.2	136.7	187.6	167.3	244.7	204.8	324.3	284.4

#### Durable Manufactures

The tremendous increase in physical output during the war years was mostly concentrated in the durable goods sector. When war was declared in September, 1939, there were virtually no armament works, no production of large ships and large planes, no guns, no tanks. Within a few years Canadian plants were turning out naval and merchant ships, warplanes ranging up to the 15-ton Lancaster bomber, military vehicles, millions of rounds of ammunition and hundreds of other war items. On the base of 1935-39 the new volume index of durable manufactures reached a peak of 340 in 1944. In the following two years it declined sharply and stood at 205 in 1946. Since then it has regained almost half the lost ground, and reached 324 in 1953.

The largest gain occurred in the output of transportation equipment. Due principally to the tremendous increases in

production of ships and aircraft, the index for this group of industries rose to the record level of 694 in 1944, the year of maximum war production. After reaching a post-war low of 222 in 1946, the index rose moderately during the next three years, but, spurred by the great demand for passenger cars and by the renewal of defence production, marked gains were made since 1950, with the index climbing to 436 in 1953.

The iron and steel group of industries was also considerably affected by war requirements. As most of the industries in this sector were more firmly established in the pre-war period, they did not expand relatively to the same extent as shipbuilding and aircraft. When European supplies were cut off early in the war, the Canadian basic steel industry had to rely on the United States for a greater supply and had to increase its own steel-making capacity to meet abnormal wartime requirements. However, development of the industry did not halt

with end of hostilities. Canada's industrialization programme, together with strong post-war demand for consumers' durable goods, led to steady expansion of the industry so that by 1953, the index for the group stood at 291. Compared with pre-war, pig iron output had more than tripled, and steel ingot and casting production had risen by 170 and 74 per cent respectively. The additional capacity constructed during the past few years should reduce still further the country's dependence on United States imports of finished and semi-finished iron and steel shapes. Indicative of the rapid growth of the industry in recent years is the amount of funds expended for new plant, machinery and equipment. From an average annual expenditure of \$62 million during the previous five years new investment jumped to \$136 million in 1952 and \$114 million in 1953.

To meet the need for electrical and radar equipment and signalling devices, the "Electrical Apparatus and Supplies" industry manufactured articles during the war which were previously not made in Canada. Output of civilian radio receiving sets and appliances was severely curtailed as the industry converted the major part of its productive capacity to the manufacture of war instruments. The production index reached a wartime peak of 312 in 1944 and declined during the next two years. The industry recovered rapidly, however, as a result of accumulated demand for radios, consumers' appliances and heavy electrical equipment, and by 1952 the index had jumped 60 per cent from its 1946 post-war low, to a level of 393. Due mainly to the heavy demand for television sets, the index in 1953 advanced sharply to 487 an increase of 24 per cent over the previous year.

Production in the non-ferrous metals group of industries reached a wartime maximum in 1943 when the net index stood at 285. During the next three years, output dropped 44 per cent, but recovered steadily thereafter, backed by sustained demand for base metals. Aluminum is being fabricated into an ever-increasing variety of commodities, and production of aluminum bars and rods, sheets, shapes, etc., reached record proportions in the post-war period. During the war years, aluminum sheet production was of a strong alloy type used principally in aircraft construction and required more fabrication than the regular

type of sheet used in the production of cooking utensils and other civilian items. The index in 1953 stood at 243.

Military requirements did not affect the nature of output in the non-metallic mineral products group of industries. In war or peace, the bulk of production consists of construction materials such as cement, cement products, building brick, lime and gypsum products, glass, stone products, etc. During the war, under government control, a major proportion of these industries' products were channelled into construction of new war production plants, extensions to pre-war plants, housing for war workers and the building of training and operation facilities for the armed services. No serious reconversion problems were encountered by the non-metal industries immediately following the war. After a slight pause, following the peak of wartime output, plants turned their productive capacity towards meeting the unprecedented demands of the post-war construction boom. From a wartime maximum of 212 in 1943, the volume index dropped moderately in 1944 and 1945, but rose steeply in succeeding years to reach the record level of 399 in 1953.

In the durables sector, the wood-using industries were the least affected by the war. The volume of output of wood products expanded steadily without any serious interruption throughout the war and post-war years. In 1953 the index stood at 235, the highest on record. The two most important industries are "Sawmills" and "Furniture". The index representing the former, after reaching a wartime maximum of 140 in 1942, declined considerably in 1943, and hovered around 124 during the next two years. Beginning in 1946, output rose sharply, spurred by strong foreign and domestic demand for sawn lumber and by 1951, the index had advanced to 168, but declined to 164 in 1952. Some improvement took place in 1953 with the index advancing to 177. Production in the furniture industry expanded throughout the period under review. The great increase in residential construction in the post-war period, together with the marked gain in new family formations created a boom for producers of house furnishings. Output of furniture jumped sharply in the three years immediately following the end of the war and rose more gradually during the subsequent period.

TABLE 9. Indexes of the Volume of Manufacturing Production of the Groups Comprised within the Durable Manufactures Classification, 1935 - 1953

(1935-39 = 100)

Year	Durable manufactures						
	Wood products	Iron and steel products	Transportation equipment	Non-ferrous metal products	Electrical apparatus and supplies	Non-metallic mineral products	Miscellaneous manufactures
1935.....	85.3	80.5	90.0	78.5	83.8	75.7	88.1
1936.....	95.8	93.0	93.5	91.5	91.2	91.7	96.1
1937.....	108.0	118.1	114.3	106.5	118.7	117.4	104.1
1938.....	102.2	100.7	101.0	109.3	102.4	105.5	103.5
1939.....	108.8	107.7	101.3	114.3	103.8	109.8	108.2
1940.....	132.1	162.3	165.1	138.0	152.9	138.4	119.4
1941.....	150.2	238.0	291.8	193.5	225.8	184.9	170.7
1942.....	156.0	315.9	439.9	253.3	273.5	209.8	248.2
1943.....	148.4	362.4	562.8	284.9	310.5	211.6	314.6
1944.....	153.4	326.2	693.7	256.2	312.1	205.3	317.1
1945.....	155.6	265.2	453.7	193.4	258.1	195.8	275.9
1946.....	175.0	222.6	221.5	160.1	247.3	221.4	225.0
1947.....	195.6	249.9	239.5	182.8	316.8	269.8	233.4
1948.....	200.7	270.4	232.6	201.6	328.5	283.7	224.5
1949.....	202.3	264.5	243.9	200.5	333.8	284.4	261.6
1950.....	215.1	263.2	262.2	212.8	367.6	314.6	281.7
1951.....	220.6	292.2	315.0	234.7	392.3	342.1	283.2
1952.....	214.1	292.7	373.1	232.2	393.1	346.1	280.7
1953.....	235.3	290.8	436.3	243.3	486.7	399.0	323.6

### SECTION 3. PRODUCTION BY INDUSTRIAL GROUPS AND INDIVIDUAL INDUSTRIES

In the Standard Classification adopted in 1949 the industries are now grouped into seventeen major groups listed in Table 11, instead of the nine groups listed in Table 13 which were formerly used as the main basis of classification. The grouping used in Table 11 where the statistics of individual industries are presented in detail and in the historical series

shown in Table 3, is, therefore, on the basis of the new Standard Industrial Classification. However, to retain some basis of continuity with the past, there is a less detailed analysis given in Table 13 on the component material classification basis, while Table 14 gives the industries on the basis of the origin of the materials used.

#### Subsection 1. Manufactures Grouped on the Standard Classification Basis

**Recent Changes in Manufacturing Production.**—Table 10 shows the changes in the nature of manufacturing production since the end of World War II with regard to numbers employed, the salaries and wages paid, and the gross value of products.

Owing to price declines during depressions and rises during periods of prosperity, the values of both wages and products are naturally affected more than the number of employees. Furthermore, during periods of curtailed production there is a

tendency for production workers to be put on part time, while the number of office employees responds less quickly to reduction in output than that of production workers. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 10 are to be compared with those of Tables 7, 8 and 9 which show changes in volume of production. The number of employees in 1944 increased by 86 p.c. over 1939. Salaries and wages paid were 175 p.c. higher and the gross value of production 161 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

Significant changes in the nature of manufacturing production took place after the cessation of hostilities in 1945. Industries engaged in war production operated at a substantially lower level, while industries producing consumer goods stepped up their production. From the point of view of employment the chemical and allied products group with a drop of 33 p.c. experienced the greatest decline in production between 1945 and 1949. Transportation equipment which includes aircraft and shipbuilding was second with a drop of 32 p.c., followed by tobacco and tobacco products with 12 p.c., rubber goods 12 p.c. and iron and steel products 3 p.c. The non-metallic mineral products group reported the greatest gain in employment with an increase of 39 p.c., followed by printing, publishing and

allied trades 31 p.c., wood products 29 p.c., electrical apparatus and supplies 27 p.c., products of petroleum and coal 26 p.c., paper products 21 p.c., textiles (except clothing) 19 p.c., clothing (textile and fur) 18 p.c., foods and beverages 8 p.c., leather products 2 p.c. and non-ferrous metal products 1 p.c. For manufacturing as a whole there was an increase of 4 p.c. in the number of employees with an increase of 39 p.c. in the amount of salaries and wages paid. Although there was an increase of 50 p.c. in the gross value of production, the increase in the physical volume was only 3.4 p.c. This is due to the rise in the wholesale prices of fully and partly manufactured products.

Between 1949 and 1953, for manufacturing as a whole, there was an increase of 42.4 p.c. in the gross value of production, 13.1 p.c. in employment, and 52.5 p.c. in salaries and wages paid. In terms of employment, the transportation group with an increase of 49.0 per cent experienced the greatest expansion since 1949. Electrical apparatus and supplies came second with 37.4 followed by non-metallic mineral products with 22.1, miscellaneous industries 22.1, chemicals and allied products 21.5, products of petroleum and coal 17.6, non-ferrous metal products 16.5, iron and steel products 15.0, etc. The smallest gain was reported by the clothing group with 2.0 p.c. Three groups reported declines in employment. Tobacco and tobacco products led the list with 11.2 p.c., followed by textiles (except clothing) 5.9 p.c. and leather products 5.2 p.c.

**TABLE 10. Percentage Variations in Employment, Earnings, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1945-53**

Industrial Group	1949 compared with 1945			1953 compared with 1949		
	Employees	Earnings	Gross value of products	Employees	Earnings	Gross value of products
	1	2	3	4	5	6
Foods and beverages <sup>1</sup>	+ 8.1	+ 48.5	+ 49.5	+ 2.4	+ 35.9	+ 20.7
Tobacco and tobacco products	- 12.2	+ 39.1	+ 42.3	- 11.2	+ 22.2	+ 24.2
Rubber products	- 11.8	+ 23.2	+ 1.6	+ 9.0	+ 47.4	+ 62.9
Leather products	+ 2.3	+ 38.0	+ 25.6	- 5.2	+ 18.9	+ 5.5
Textile products (except clothing)	+ 18.9	+ 78.6	+ 65.1	- 5.9	+ 18.2	+ 10.0
Clothing (textile and fur)	+ 17.8	+ 57.1	+ 52.6	+ 2.0	+ 23.2	+ 17.9
Wood products <sup>2</sup>	+ 28.9	+ 86.7	+ 83.9	+ 10.4	+ 44.8	+ 47.7
Paper products <sup>3</sup>	+ 20.7	+ 80.5	+ 95.1	+ 10.4	+ 48.8	+ 43.5
Printing, publishing and allied trades <sup>4</sup>	+ 31.2	+ 81.2	+ 84.1	+ 7.6	+ 45.3	+ 43.9
Iron and steel products	- 3.4	+ 31.6	+ 49.0	+ 15.0	+ 55.7	+ 47.9
Transportation equipment	- 32.4	- 17.1	+ 2.8	+ 49.0	+ 105.1	+ 96.6
Non-ferrous metal products	+ 1.1	+ 39.9	+ 58.0	+ 16.5	+ 56.0	+ 43.2
Electrical apparatus and supplies	+ 26.7	+ 79.5	+ 110.9	+ 37.4	+ 82.6	+ 74.4
Non-metallic metallic mineral products	+ 38.8	+ 96.0	+ 88.6	+ 22.1	+ 66.0	+ 65.9
Products of petroleum and coal	+ 26.2	+ 73.7	+ 97.6	+ 17.6	+ 67.3	+ 54.2
Chemical products	- 32.6	- 6.0	+ 17.8	+ 21.5	+ 63.5	+ 50.1
Miscellaneous industries <sup>4</sup>	-	-	-	+ 22.1	+ 68.1	+ 67.1
<b>Averages, all industries<sup>3</sup></b>	<b>+ 3.6</b>	<b>+ 39.2</b>	<b>+ 50.0</b>	<b>+ 13.1</b>	<b>+ 52.5</b>	<b>+ 42.4</b>

1. Exclusive of Newfoundland in columns 1, 2 and 3; inclusive of Newfoundland in columns 4, 5 and 6.

2. Exclusive of "Publishing (only) of Periodicals".

3. Exclusive of "Publishing (only) of Periodicals", excludes Newfoundland in columns 1, 2 and 3, includes Newfoundland in Columns 4, 5 and 6.

4. Due to the change of establishments from one industry to another figures for 1949 are not comparable with previous years.

#### Detailed Statistics by Groups and Individual Industries. -

Table 11 presents for the year 1953 detailed statistics regarding the individual industries under which all industrial plants in Canada are classified. The industries are further assembled under seventeen main groups according to the Standard Industrial Classification.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the confectionery industry amounting to \$104,853,748 in 1950 does not imply that this was the value of confectionery produced. What it means is that the firms whose principal product is confectionery, had a value of production of \$104,853,748. This figure, in addition to confectionery, includes all the subsidiary products made by these firms such as ice cream which was valued at \$2,214,689 and bread and other bakery products valued at \$2,457,312. Confectionery is also produced as a subsidiary product by firms credited to other industrial classifications. For total production figures of individual products, reference should be made to "The Alphabetical List of Products" published annually as Appendix II to this report.

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as automobiles, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War and the conversion to peace-time production on any industry, it is necessary to compare the nature of the products made before and during the War with that of the present. This should be borne in mind in making industrial comparisons of the war years and the present. For example, the number of employees in the agricultural implements industry increased by 8,248 between 1939 and 1945; this is spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.



TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953

No.	Province, industry and group	Establish- ments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	\$	No.	No.	\$
PROVINCE								
1	Newfoundland .....	939	2,037	354	5,744,865	7,350	834	20,860,043
2	Prince Edward Island .....	216	347	94	885,775	980	388	2,210,070
3	Nova Scotia .....	1,591	3,840	1,081	13,654,549	23,598	3,521	62,736,206
4	New Brunswick .....	1,094	2,746	928	11,373,306	17,472	3,325	48,379,739
5	Quebec .....	12,132	62,263	24,080	316,850,671	260,169	95,043	908,722,643
6	Ontario .....	13,114	96,231	42,854	541,339,538	395,157	100,312	1,476,642,680
7	Manitoba .....	1,540	6,004	2,213	28,095,419	27,449	8,074	93,030,860
8	Saskatchewan .....	1,062	2,352	814	8,893,485	7,442	996	23,502,033
9	Alberta .....	2,072	5,603	1,816	22,861,122	22,177	3,486	69,744,031
10	British Columbia .....	4,317	14,375	4,138	66,817,112	66,463	8,868	234,104,206
11	Yukon and Northwest Territories .....	30	45	10	163,567	106	16	406,428
12	Canada .....	38,107	195,843	78,382	1,016,679,409	828,363	224,863	2,940,338,939
INDUSTRIAL GROUP								
13	Foods and beverages .....	8,129	24,731	10,245	116,307,583	105,392	36,281	338,972,969
14	Tobacco and tobacco products .....	55	823	461	5,586,881	3,132	5,078	21,178,762
15	Rubber products .....	72	4,009	1,555	20,205,742	12,945	4,091	50,788,901
16	Leather products .....	695	2,964	1,284	15,388,460	16,233	12,567	55,577,035
17	Textiles .....	959	7,651	3,877	44,122,495	38,850	22,812	140,482,121
18	Knitting mills <sup>1</sup> .....	294	1,587	1,308	10,597,008	7,275	14,243	41,823,673
19	Clothing <sup>1</sup> .....	2,788	7,971	4,795	46,941,304	24,283	58,609	155,063,975
20	Wood products .....	12,462	21,869	3,366	63,934,655	103,601	5,474	261,684,597
21	Paper products .....	555	10,544	4,131	70,561,329	61,480	8,281	239,546,378
22	Printing, publishing and allied industries .....	4,157	15,923	9,883	81,078,194	32,001	8,723	124,548,360
23	Iron and steel products.....	2,698	28,994	10,266	156,761,826	141,501	7,475	486,712,301
24	Transportation equipment .....	621	20,313	6,421	114,984,963	125,112	4,213	440,426,189
25	Non-ferrous metal products .....	551	7,725	2,699	42,294,010	38,342	3,292	136,416,047
26	Electrical apparatus and supplies .....	422	15,654	6,401	86,573,525	38,785	16,016	164,073,252
27	Non-metallic mineral products.....	1,094	4,474	1,626	22,791,238	26,056	2,196	84,483,836
28	Products of petroleum and coal.....	100	4,191	1,460	23,828,346	11,390	71	42,737,088
29	Chemicals and allied products .....	1,105	11,468	6,029	66,622,583	26,775	5,935	97,968,227
30	Miscellaneous industries .....	1,350	4,952	2,575	28,099,267	15,210	9,486	57,855,228
1. Foods and beverages:								
Bakery products:								
31	Biscuits .....	47	453	323	2,610,466	2,516	3,489	11,661,289
32	Bread and other bakery products .....	2,571	3,660	1,195	13,992,400	21,827	6,858	66,910,287
Beverages:								
33	Breweries .....	61	1,365	389	8,468,636	6,554	75	23,269,261
34	Carbonated beverages .....	526	1,759	574	7,816,854	5,152	353	12,668,698
35	Distilled liquors .....	21	695	323	4,253,307	2,530	1,562	11,179,432
36	Wines .....	24	120	50	830,552	302	52	978,288
Canning and processing:								
37	Fish processing .....	607	1,307	352	4,964,437	8,441	3,523	18,205,192
38	Fruit and vegetable preparations .....	454	1,730	934	8,889,052	6,534	6,187	23,949,847
Dairy products:								
39	Butter and cheese .....	1,527	3,436	1,720	12,768,857	14,643	898	39,738,722
40	Cheese, process .....	20	217	80	1,125,261	471	402	1,938,696
41	Concentrated milk products.....	31	222	107	1,032,313	1,226	67	3,433,853
42	Dairy products, other .....	44	148	76	676,451	466	152	1,463,762
Grain mill products:								
43	Feeds, stock and poultry, prepared .....	654	1,223	430	4,403,558	3,938	169	9,458,331
44	Feed mills .....	643	624	58	969,355	790	1	1,367,027
45	Flour mills .....	95	895	435	4,753,812	3,474	158	10,192,498
46	Foods, breakfast.....	18	150	93	948,227	701	385	3,057,412
Meat products:								
47	Animal oils and fats.....	15	46	13	280,811	239	2	678,662
48	Sausage and sausage casings.....	84	225	66	1,070,445	734	342	2,259,946
49	Slaughtering and meat packing .....	152	3,618	1,261	19,637,310	14,792	3,216	54,794,633
Other food industries:								
50	Confectionery .....	187	635	551	3,955,722	3,308	4,864	16,241,428
51	Macaroni and kindred products .....	14	46	26	279,147	316	165	1,120,095
52	Sugar refining .....	12	478	105	2,697,639	2,538	267	8,260,447
53	Miscellaneous food preparations .....	322	1,679	1,084	9,882,971	3,900	3,094	16,145,163
54	Totals, foods and beverages .....	8,129	24,731	10,245	116,307,583	105,392	36,281	338,972,969
2. Tobacco and tobacco products:								
55	Tobacco, cigars and cigarettes .....	42	646	441	4,598,832	2,401	4,223	18,777,249
56	Tobacco processing and packing .....	13	177	20	988,049	731	855	2,401,513
57	Totals, tobacco and tobacco products.....	55	823	461	5,586,881	3,132	5,078	21,178,762
3. Rubber products:								
58	Rubber goods, including footwear .....	72	4,009	1,555	20,205,742	12,945	4,091	50,788,901
59	Totals, rubber products .....	72	4,009	1,555	20,205,742	12,945	4,091	50,788,901

1. Commencing with 1953 knitting mills are classified separately from Clothing (textile and fur).

**TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953**

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	\$	\$	\$	\$	\$	No.
10,575	26,604,908	3,767,885	44,972,021	57,784,697	106,524,603	1
1,809	3,095,845	356,411	16,963,798	5,878,761	23,198,970	2
32,040	76,390,755	11,551,564	180,543,535	127,917,165	320,012,264	3
24,471	59,753,045	11,335,363	163,797,711	120,617,345	295,750,419	4
441,555	1,225,573,314	145,764,252	2,816,373,112	2,424,647,499	5,386,784,863	5
634,554	2,017,982,218	186,243,966	4,560,134,562	4,130,126,462	8,876,504,990	6
43,740	121,126,279	9,671,905	345,403,115	229,797,439	584,872,459	7
11,604	32,395,518	6,367,812	180,303,942	79,941,332	266,613,086	8
33,082	92,605,153	9,933,237	346,221,162	199,660,428	555,814,827	9
93,844	300,921,318	26,641,721	724,495,754	615,686,215	1,366,823,690	10
177	569,995	154,705	1,349,970	1,012,008	2,516,683	11
<b>1,327,451</b>	<b>3,957,018,348</b>	<b>411,788,821</b>	<b>9,380,558,682</b>	<b>7,993,069,351</b>	<b>17,785,416,854</b>	<b>12</b>
176,649	455,280,552	48,748,054	2,296,739,737	1,146,473,720	3,491,961,511	13
9,494	26,765,643	639,225	138,491,048	75,015,218	214,145,491	14
22,600	70,994,643	3,724,710	114,336,694	172,674,055	290,735,459	15
33,068	70,965,495	2,056,741	116,416,179	103,937,262	222,410,182	16
73,190	184,604,616	13,134,397	388,324,584	299,231,284	700,690,265	17
24,413	52,420,681	1,823,745	77,704,172	81,264,425	160,792,342	18
95,658	202,005,279	2,391,392	361,558,482	333,238,797	697,188,671	19
134,310	325,619,252	14,901,830	649,731,056	577,381,926	1,242,014,812	20
84,436	310,107,707	83,516,895	717,460,043	767,273,583	1,568,250,521	21
66,530	205,626,554	4,166,360	175,222,037	364,363,975	543,752,372	22
188,236	643,474,127	51,454,291	906,165,239	1,140,931,549	2,088,551,079	23
156,059	555,411,152	17,778,897	1,110,953,581	961,205,155	2,089,937,633	24
52,058	178,710,057	57,702,408	726,128,115	458,180,471	1,242,010,994	25
76,856	250,646,777	6,956,744	383,743,994	457,489,516	848,190,254	26
34,352	107,275,074	34,974,491	134,118,848	239,815,853	408,909,192	27
17,112	66,565,434	35,225,746	576,310,641	211,552,953	823,089,340	28
50,207	164,590,810	29,540,938	403,686,331	448,276,576	881,503,845	29
32,223	85,954,495	3,051,957	103,467,901	154,763,033	261,282,891	30
6,781	14,271,755	1,040,716	34,603,257	39,871,435	75,515,408	31
33,540	80,902,687	8,785,618	129,224,657	139,987,817	277,998,092	32
8,383	31,737,897	2,597,740	51,482,008	146,805,908	200,885,656	33
7,838	20,485,552	2,571,101	35,493,245	70,496,063	108,560,409	34
5,110	15,432,739	2,050,571	44,308,034	76,918,492	123,277,097	35
524	1,808,840	132,026	4,481,979	5,042,665	9,656,670	36
13,623	23,169,629	2,426,883	85,773,130	49,435,356	137,635,369	37
15,385	32,838,899	2,717,015	119,911,000	82,491,454	205,119,469	38
20,697	52,507,579	7,252,785	293,915,639	95,787,291	396,955,715	39
1,170	3,063,957	104,237	21,733,959	5,433,093	27,271,289	40
1,622	4,466,166	1,580,001	51,952,683	14,214,469	67,747,153	41
842	2,140,213	329,438	6,729,280	5,637,820	12,696,538	42
5,760	13,861,889	2,314,174	137,828,019	30,291,490	170,433,683	43
1,473	2,336,382	572,228	20,156,743	4,622,227	25,351,198	44
4,962	14,946,310	1,650,066	224,518,387	40,262,095	266,430,548	45
1,329	4,005,639	371,992	9,963,960	14,528,552	24,864,504	46
300	959,473	218,147	1,473,868	1,684,397	3,376,412	47
1,367	3,330,391	298,908	12,405,672	6,787,174	19,491,754	48
22,887	74,431,943	4,681,159	672,763,955	152,022,908	829,468,022	49
9,358	20,197,150	1,141,600	53,265,893	44,375,451	98,782,944	50
553	1,399,242	146,364	4,787,233	3,191,101	8,124,698	51
3,388	10,958,086	2,642,586	79,588,400	35,721,466	117,952,452	52
9,757	26,028,134	3,122,699	200,378,736	80,864,996	284,366,431	53
<b>176,649</b>	<b>455,280,552</b>	<b>48,748,054</b>	<b>2,296,739,737</b>	<b>1,146,473,720</b>	<b>3,491,961,511</b>	<b>54</b>
7,711	23,376,081	423,598	79,261,880	67,702,851	147,388,329	55
1,783	3,389,562	215,627	59,229,168	7,312,367	66,757,162	56
<b>9,494</b>	<b>26,765,643</b>	<b>639,225</b>	<b>138,491,048</b>	<b>75,015,218</b>	<b>214,145,491</b>	<b>57</b>
22,600	70,994,643	3,724,710	114,336,694	172,674,055	290,735,459	58
<b>22,600</b>	<b>70,994,643</b>	<b>3,724,710</b>	<b>114,336,694</b>	<b>172,674,055</b>	<b>290,735,459</b>	<b>59</b>

**TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 - Continued**

No.	Industries	Estab- lish- ments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	\$	No.	No.	\$
4.	<i>Leather products:</i>							
1	Footwear, leather .....	286	1,753	806	9,205,639	10,009	8,929	34,830,483
2	Gloves and mittens, leather .....	80	174	73	818,099	622	1,199	2,785,062
3	Leather tanning .....	60	416	138	2,275,019	3,160	337	9,482,519
	Other leather industries:							
4	Belting, leather .....	14	35	19	178,873	96	12	265,564
5	Boot and shoe findings, leather .....	29	65	26	374,460	396	129	1,156,173
6	Miscellaneous leather goods n.e.s. ....	226	521	222	2,536,370	1,950	1,981	7,057,234
7	<b>Totals, leather products .....</b>	<b>695</b>	<b>2,964</b>	<b>1,284</b>	<b>15,388,460</b>	<b>16,233</b>	<b>12,587</b>	<b>55,577,035</b>
5.	<i>Textiles:</i>							
	Cotton goods:							
8	Cotton thread .....	13	109	72	808,579	198	523	1,335,856
9	Cotton yarn and cloth .....	54	1,650	969	9,218,655	13,399	7,160	45,817,885
10	Miscellaneous cotton goods .....	13	51	15	388,524	546	116	1,727,037
	Woollen goods:							
11	Carpets, mats and rugs .....	20	166	99	927,670	820	478	3,160,883
12	Woollen cloth .....	82	674	350	4,112,647	4,055	2,706	14,884,605
13	Woollen yarn .....	48	241	161	1,403,789	1,471	1,712	6,900,735
14	Miscellaneous woollen goods .....	37	218	99	1,649,099	1,500	456	4,907,076
15	Synthetic textiles and silk .....	47	2,291	995	12,822,840	9,311	3,126	31,116,265
	Other primary textiles:							
16	Dyeing and finishing of textiles .....	56	311	111	1,642,888	1,594	239	4,510,337
17	Narrow fabrics .....	52	190	101	1,101,669	937	935	3,919,122
	Other textile industries:							
18	Automobile accessories, fabric .....	16	122	58	687,174	346	557	2,181,629
19	Awnings, tents and sails .....	116	246	101	1,023,571	623	609	2,299,033
20	Bags, cotton and jute .....	34	156	63	884,627	338	639	1,792,888
21	Cordage, rope and twine .....	14	137	70	870,647	657	324	2,699,439
22	Embroideries, pleating, hemstitching, etc. ....	155	235	105	1,197,211	587	1,041	2,794,721
23	Oilcloth, linoleum and other coated fabrics ....	15	383	172	2,506,254	1,523	158	4,964,093
24	Miscellaneous textiles, n.e.s. ....	187	471	336	2,876,651	945	2,033	5,470,517
25	<b>Totals, textiles .....</b>	<b>959</b>	<b>7,651</b>	<b>3,877</b>	<b>44,122,495</b>	<b>38,850</b>	<b>22,812</b>	<b>140,482,121</b>
6a.	<i>Knitting mills<sup>1</sup>:</i>							
26	Hosiery .....	122	686	552	4,655,801	3,982	5,349	20,173,719
27	Knitted goods .....	172	901	756	5,941,207	3,293	8,894	21,649,954
28	<b>Totals, knitting mills .....</b>	<b>294</b>	<b>1,587</b>	<b>1,308</b>	<b>10,597,008</b>	<b>7,275</b>	<b>14,243</b>	<b>41,823,673</b>
6b.	<i>Clothing<sup>1</sup>:</i>							
	Men's women's and children's clothing:							
29	Clothing, children's, factory .....	169	415	285	2,725,485	1,156	5,037	9,419,507
30	Clothing, men's, factory .....	601	2,779	1,644	16,522,772	9,440	21,256	58,187,116
31	Clothing, women's, factory .....	830	2,286	1,598	15,099,599	5,926	18,467	46,738,450
32	Clothing contractors, men's .....	160	280	51	958,201	1,290	2,863	6,904,680
33	Clothing contractors, women's .....	107	148	46	566,044	224	1,889	3,032,454
	Miscellaneous clothing:							
34	Corsets .....	42	211	427	1,908,235	354	2,647	4,648,076
35	Fur dressing and dyeing .....	16	74	24	440,036	900	216	2,749,531
36	Fur goods .....	600	1,122	314	4,743,807	2,745	1,764	11,103,947
37	Gloves and mittens, fabric .....	15	35	27	218,335	135	650	868,485
38	Hats and caps .....	166	437	257	2,581,447	1,621	2,613	8,476,453
39	Oiled and waterproofed clothing .....	15	36	19	236,597	169	273	933,704
40	Clothing n.e.s. ....	67	148	103	940,746	323	934	2,001,572
41	<b>Totals, clothing .....</b>	<b>2,788</b>	<b>7,971</b>	<b>4,795</b>	<b>46,941,304</b>	<b>24,283</b>	<b>58,609</b>	<b>153,063,975</b>
7.	<i>Wood products:</i>							
42	Furniture .....	1,640	3,877	1,172	17,576,030	22,603	2,116	58,260,147
	Saw and planing mills:							
43	Flooring, hardwood .....	27	151	46	804,160	1,295	20	3,018,911
44	Sash, door and planing mills .....	1,775	3,373	653	11,892,105	15,993	222	36,227,191
45	Sawmills .....	8,194	12,252	844	23,708,046	47,327	510	118,422,957
46	Veneers and plywoods .....	54	554	176	3,166,709	7,035	1,230	22,292,149
	Other wood industries:							
47	Beekeepers' and poultrymen's supplies .....	7	10	3	31,950	35	3	65,950
48	Boxes and baskets, wood .....	180	396	78	1,473,741	2,846	417	6,622,590
49	Cooperage .....	99	127	21	321,074	517	-	1,239,127
50	Excelsior .....	13	18	5	71,991	111	27	236,798
51	Lasts, trees and shoe findings .....	15	57	29	272,355	335	162	1,021,476
52	Morticians' goods .....	60	143	63	618,317	986	173	2,485,057
53	Woodenware .....	31	59	18	220,055	494	154	1,206,670
54	Wood turning .....	74	154	40	593,252	851	91	1,886,397
55	Miscellaneous wood products n.e.s. ....	293	698	218	3,184,870	3,173	349	8,699,177
56	<b>Totals, wood products .....</b>	<b>12,462</b>	<b>21,869</b>	<b>3,366</b>	<b>63,934,635</b>	<b>103,601</b>	<b>5,474</b>	<b>261,684,597</b>

1. Previously these groups were combined under Clothing (textile and fur).

**TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 - Continued**

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	\$	\$	\$	\$	\$	
21,497	44,036,122	629,656	65,210,564	65,466,899	131,307,119	1
2,068	3,603,161	52,458	4,801,051	4,832,932	9,686,441	2
4,051	11,757,538	1,111,472	30,354,423	16,530,503	47,996,398	3
162	444,437	20,981	963,801	760,601	1,745,383	4
616	1,530,633	86,593	3,146,511	2,183,960	5,417,064	5
4,674	9,593,604	155,581	11,939,829	14,162,367	26,257,777	6
<b>33,068</b>	<b>70,965,495</b>	<b>2,056,741</b>	<b>116,416,179</b>	<b>103,937,262</b>	<b>222,410,182</b>	<b>7</b>
902	2,144,435	97,155	4,947,687	5,184,901	10,229,743	8
23,178	55,036,540	3,977,209	132,917,545	73,326,204	210,220,958	9
728	2,115,561	141,816	6,437,111	4,158,846	10,737,773	10
1,563	4,088,553	264,411	7,324,225	6,355,313	13,943,949	11
7,785	18,997,252	1,446,807	34,387,199	25,607,230	61,441,236	12
3,585	8,304,524	529,364	22,816,140	12,685,047	36,030,551	13
2,273	6,556,175	412,382	18,794,880	12,245,778	31,453,040	14
15,723	43,939,105	3,894,586	63,938,444	78,585,277	146,418,307	15
2,255	6,153,225	844,294	3,165,944	9,094,314	13,104,552	16
2,163	5,020,791	206,166	7,840,738	9,406,856	17,453,760	17
1,083	2,868,803	68,184	6,248,415	5,023,787	11,340,386	18
1,579	3,322,604	100,361	6,949,933	5,341,780	12,392,074	19
1,196	2,677,515	100,786	21,611,488	3,609,653	25,321,927	20
1,188	3,570,086	205,596	7,336,124	10,324,294	17,866,014	21
1,968	3,991,932	55,913	3,419,135	6,733,185	10,208,233	22
2,236	7,470,347	498,663	15,219,537	15,114,883	30,833,083	23
3,785	8,347,168	290,704	24,970,039	16,433,936	41,694,679	24
<b>73,190</b>	<b>184,604,616</b>	<b>13,134,397</b>	<b>388,324,584</b>	<b>299,231,284</b>	<b>700,690,265</b>	<b>25</b>
10,569	24,829,520	761,743	23,153,148	38,595,166	62,510,057	26
13,844	27,591,161	1,062,002	54,551,024	42,669,259	98,282,285	27
<b>24,413</b>	<b>52,420,681</b>	<b>1,823,745</b>	<b>77,704,172</b>	<b>81,264,425</b>	<b>160,792,342</b>	<b>28</b>
6,893	12,144,992	144,750	24,782,163	20,420,727	45,347,640	29
35,119	74,709,888	828,441	147,283,980	125,833,604	273,946,025	30
28,277	61,838,049	543,954	116,186,888	103,679,336	220,410,178	31
4,484	7,862,881	129,940	870,477	9,877,576	10,877,993	32
2,307	3,598,498	50,568	223,364	5,125,412	5,399,344	33
3,639	6,556,311	68,583	8,852,984	13,107,086	22,028,653	34
1,214	3,189,567	83,702	1,026,173	4,810,139	5,920,014	35
5,945	15,847,754	235,397	39,639,350	24,116,969	63,991,716	36
847	1,086,820	22,267	2,112,018	2,030,640	4,164,925	37
4,928	11,057,900	230,714	11,741,210	17,660,028	29,631,952	38
497	1,170,301	14,201	2,568,127	1,740,607	4,322,935	39
1,508	2,942,318	38,875	6,271,748	4,836,673	11,147,296	40
<b>95,658</b>	<b>202,005,279</b>	<b>2,391,392</b>	<b>361,538,482</b>	<b>333,238,797</b>	<b>697,188,671</b>	<b>41</b>
29,768	75,836,177	2,327,174	107,747,252	121,482,928	231,557,354	42
1,512	3,823,071	166,867	7,992,330	5,983,223	14,142,420	43
20,241	48,119,296	2,723,104	120,988,715	77,217,333	200,929,152	44
60,933	142,131,003	7,042,752	304,584,643	269,066,309	580,693,704	45
8,995	25,458,858	977,942	42,944,218	53,337,816	97,259,976	46
51	97,900	4,560	137,560	173,700	315,820	47
3,737	8,096,331	363,872	11,717,320	13,676,932	25,758,124	48
665	1,560,201	89,243	3,724,733	2,683,621	6,497,597	49
161	308,789	31,831	351,549	425,206	808,586	50
583	1,293,831	34,801	1,199,706	1,912,168	3,146,675	51
1,365	3,103,374	114,253	3,760,535	5,166,592	9,041,380	52
725	1,426,725	62,598	1,596,949	1,826,534	3,486,081	53
1,136	2,479,649	109,036	2,524,182	3,557,381	6,190,599	54
4,438	11,884,047	853,797	40,461,364	20,872,183	62,187,344	55
<b>134,310</b>	<b>325,619,252</b>	<b>14,901,830</b>	<b>649,731,056</b>	<b>577,381,926</b>	<b>1,242,014,812</b>	<b>56</b>

**TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 - Continued**

No.	Industries	Estab- lish- ments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	\$	No.	No.	\$
<b>8. Paper products:</b>								
1	Boxes and bags, paper.....	192	1,491	813	9,640,723	7,048	4,690	29,112,015
2	Pulp and paper.....	127	7,165	2,229	49,932,103	48,093	707	185,809,557
3	Roofing paper.....	26	620	267	3,025,457	1,503	87	4,777,945
4	Miscellaneous paper goods.....	210	1,268	822	7,963,046	4,836	2,797	19,846,861
5	<b>Totals, paper products.....</b>	<b>555</b>	<b>10,544</b>	<b>4,131</b>	<b>70,561,329</b>	<b>61,480</b>	<b>8,281</b>	<b>239,546,378</b>
<b>9. Printing, publishing and allied industries:</b>								
<b>Commercial printing:</b>								
6	Printing and bookbinding.....	1,696	4,098	1,898	20,895,071	12,638	5,212	47,487,544
7	Trade composition.....	50	142	49	872,134	605	17	2,259,784
<b>Engraving, stereotyping and allied industries:</b>								
8	Engraving, stereotyping and electrotyping....	129	588	332	4,278,449	2,795	481	12,327,869
9	Lithographing.....	74	542	359	3,732,436	2,373	974	10,052,307
<b>Printing and publishing:</b>								
10	Printing and publishing.....	795	8,171	4,699	41,400,755	13,590	2,039	52,420,856
11	Publishing (only) of periodicals.....	1,413	2,382	2,546	9,899,349	—	—	—
12	<b>Totals, printing, publishing and allied in- dustries.....</b>	<b>4,157</b>	<b>15,923</b>	<b>9,883</b>	<b>81,078,194</b>	<b>32,001</b>	<b>8,723</b>	<b>124,548,360</b>
<b>10. Iron and steel products:</b>								
13	Agricultural implements.....	80	2,516	656	12,857,891	10,859	130	37,444,116
14	Boilers, tanks and platework.....	82	1,792	558	9,850,967	6,414	194	22,629,786
15	Bridge building and structural steel.....	47	2,197	481	12,362,243	8,520	45	30,172,081
16	Castings, iron.....	201	1,729	609	9,622,171	12,737	271	43,363,405
17	Hardware, tools and cutlery.....	351	2,022	1,016	11,871,462	9,771	1,613	34,067,883
18	Heating and cooking apparatus.....	117	1,359	632	7,579,764	6,983	244	20,535,929
19	Machinery, household, office and store.....	76	1,431	697	7,775,388	6,900	964	23,645,171
20	Machinery, industrial.....	312	4,815	1,984	25,687,090	14,888	476	49,608,363
21	Machine shops.....	625	1,350	248	5,682,436	4,830	81	13,900,192
22	Machine tools.....	13	308	117	1,868,621	1,515	16	5,373,434
23	Primary iron and steel.....	62	3,334	1,112	20,237,501	30,300	210	109,472,055
24	Sheet metal products.....	316	2,904	1,038	15,451,269	12,691	1,642	43,380,562
25	Wire and wire goods.....	122	1,226	531	7,214,204	6,204	673	21,441,894
26	Miscellaneous iron and steel products.....	294	2,011	587	8,700,819	8,889	916	31,677,430
27	<b>Totals, iron and steel products.....</b>	<b>2,698</b>	<b>28,994</b>	<b>10,266</b>	<b>156,761,826</b>	<b>141,501</b>	<b>7,475</b>	<b>486,712,301</b>
<b>11. Transportation equipment:</b>								
28	Aircraft and parts.....	43	8,136	2,813	45,574,126	26,380	719	96,801,573
29	Bicycles and parts.....	7	169	86	778,044	964	104	3,330,825
30	Boat building.....	215	315	50	834,283	1,128	15	2,710,796
31	Carriages, wagons and sleighs.....	42	104	35	479,560	566	149	1,640,606
32	Motor vehicles.....	20	4,633	1,450	29,245,288	26,429	461	102,070,846
33	Motor vehicle parts.....	179	2,789	1,121	17,056,053	16,913	2,512	64,130,746
34	Railway rolling stock.....	36	2,269	320	11,597,664	32,729	129	106,428,686
35	Shipbuilding.....	79	1,898	546	9,419,945	20,003	124	63,312,111
36	<b>Totals, transportation equipment.....</b>	<b>621</b>	<b>20,313</b>	<b>6,421</b>	<b>114,984,963</b>	<b>125,112</b>	<b>4,213</b>	<b>440,426,189</b>
<b>12. Non-ferrous metal products:</b>								
37	Aluminum products.....	96	1,565	861	9,439,706	4,983	329	16,153,458
38	Brass and copper products.....	153	1,315	569	8,049,906	6,917	500	23,489,864
39	Jewellery and silverware.....	207	660	466	3,833,903	2,820	1,757	10,582,192
40	Non-ferrous metal smelting and refining.....	18	3,558	566	17,530,010	20,942	49	77,015,601
41	White metal alloys.....	56	520	188	2,765,200	2,370	563	8,242,318
42	Miscellaneous non-ferrous metal products.....	21	107	49	675,285	310	94	932,614
43	<b>Totals, non-ferrous metal products.....</b>	<b>551</b>	<b>7,725</b>	<b>2,699</b>	<b>42,294,010</b>	<b>38,342</b>	<b>3,292</b>	<b>136,416,047</b>
<b>13. Electrical apparatus and supplies:</b>								
44	Batteries.....	26	412	210	2,413,655	1,071	398	4,565,872
45	Radios, television sets, and parts.....	103	3,821	1,570	21,187,773	5,994	5,828	30,046,919
46	Refrigerators, vacuum cleaners and appliances.....	87	1,587	726	8,841,204	5,697	1,417	20,655,604
47	Machinery, heavy electrical.....	55	5,335	1,916	28,602,860	14,628	3,575	59,756,803
48	Miscellaneous electrical apparatus and supplies.....	151	4,499	1,979	25,528,033	11,395	4,798	49,048,054
49	<b>Totals, electrical apparatus and supplies.....</b>	<b>422</b>	<b>15,634</b>	<b>6,401</b>	<b>86,573,525</b>	<b>38,785</b>	<b>16,016</b>	<b>164,073,252</b>



**TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 - Continued**

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	\$	\$	\$	\$	\$	
14,042	38,752,738	1,186,205	115,598,568	81,755,394	198,540,167	1
58,194	235,741,660	80,379,515	499,350,994	599,934,934	1,179,665,443	2
2,477	7,803,402	648,603	20,315,397	21,809,977	42,773,977	3
9,723	27,809,907	1,302,572	82,195,084	63,773,278	147,270,934	4
<b>84,436</b>	<b>310,107,707</b>	<b>83,516,895</b>	<b>717,460,043</b>	<b>767,273,583</b>	<b>1,568,250,521</b>	<b>5</b>
23,846	68,382,615	1,476,447	62,093,666	112,606,355	176,176,468	6
813	3,131,918	42,561	350,246	4,351,058	4,743,865	7
4,196	16,606,318	285,075	6,186,600	25,351,801	31,823,476	8
4,248	13,784,743	227,349	17,067,222	24,152,249	41,446,820	9
28,499	93,821,611	2,134,928	66,814,175	174,943,176	243,892,279	10
4,928	9,899,349	—	22,710,128	22,959,336	45,669,464	11
<b>66,530</b>	<b>205,626,554</b>	<b>4,166,360</b>	<b>175,222,037</b>	<b>364,363,975</b>	<b>543,752,372</b>	<b>12</b>
14,161	50,302,007	1,824,514	90,344,539	79,100,472	171,269,525	13
8,958	32,480,753	1,131,868	37,290,528	59,226,747	97,649,143	14
11,243	42,534,324	1,345,930	64,196,383	90,785,457	156,327,770	15
15,346	52,985,576	3,280,528	69,150,209	85,034,389	157,465,126	16
14,422	45,939,345	1,765,496	40,771,452	84,772,624	127,309,572	17
9,218	28,115,693	1,315,306	43,613,972	52,427,259	97,356,537	18
9,992	31,420,559	958,342	44,580,753	53,430,422	98,969,517	19
22,163	75,295,453	2,338,176	78,394,744	145,229,561	225,962,481	20
6,509	19,582,628	769,114	13,617,124	28,654,457	43,040,695	21
1,956	7,242,055	175,772	5,433,835	11,802,410	17,412,017	22
34,956	129,709,556	29,572,323	212,374,287	216,957,645	458,904,255	23
18,275	58,831,831	2,410,343	119,186,160	103,826,528	225,423,031	24
8,634	28,656,098	1,512,086	37,046,455	66,299,473	104,858,014	25
12,403	40,378,249	3,054,493	50,164,798	63,384,105	116,603,396	26
<b>188,236</b>	<b>643,474,127</b>	<b>51,454,291</b>	<b>906,165,239</b>	<b>1,140,931,549</b>	<b>2,098,351,079</b>	<b>27</b>
38,048	142,375,699	2,438,890	135,756,989	260,548,393	398,744,272	28
1,323	4,108,869	158,610	3,342,232	7,443,655	10,944,497	29
1,508	3,545,079	120,084	3,248,688	5,094,759	8,463,531	30
854	2,120,166	91,690	2,859,049	4,066,836	7,017,575	31
32,973	131,316,134	4,247,370	557,709,086	273,598,093	835,554,549	32
23,335	81,186,799	4,100,681	162,324,012	141,251,977	307,676,670	33
35,447	118,026,350	4,751,193	179,892,257	153,677,779	338,321,229	34
22,571	72,732,056	1,870,379	65,821,268	115,523,663	183,215,310	35
<b>156,059</b>	<b>555,411,132</b>	<b>17,778,897</b>	<b>1,110,953,581</b>	<b>961,203,155</b>	<b>2,089,937,633</b>	<b>36</b>
7,738	25,593,164	1,741,405	49,084,098	41,898,562	92,724,065	37
9,301	31,539,770	2,110,325	108,715,110	59,866,300	170,691,735	38
5,703	14,416,095	395,571	27,149,796	23,875,903	51,421,270	39
25,115	94,545,611	52,594,155	508,116,759	310,207,228	870,918,142	40
3,641	11,007,518	767,613	30,142,086	19,595,648	50,505,347	41
560	1,607,899	93,339	2,920,266	2,736,830	5,750,435	42
<b>52,058</b>	<b>178,710,057</b>	<b>57,702,408</b>	<b>726,128,115</b>	<b>458,180,471</b>	<b>1,242,010,994</b>	<b>43</b>
2,091	6,979,527	440,680	19,486,735	15,536,192	35,463,607	44
17,213	51,234,692	703,696	112,634,139	86,791,493	200,129,328	45
9,427	29,496,808	1,237,274	54,597,677	58,758,075	114,593,026	46
25,454	88,359,663	1,974,108	87,704,273	154,594,631	244,273,012	47
22,671	74,576,087	2,600,986	109,321,170	141,809,125	253,731,281	48
<b>76,856</b>	<b>250,646,777</b>	<b>6,956,744</b>	<b>383,743,994</b>	<b>457,489,516</b>	<b>848,190,254</b>	<b>49</b>

**TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 - Concluded**

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	\$	No.	No.	\$
<b>14. Non-metallic mineral products:</b>								
1	Abrasive, artificial .....	18	338	193	2,135,216	2,128	83	7,765,532
2	Asbestos products .....	18	298	120	1,599,643	1,315	197	4,623,381
3	Cement, hydraulic .....	11	146	22	759,814	2,232	3	8,194,415
4	Clay products from domestic clay .....	125	320	84	1,591,348	3,382	95	9,866,726
5	Clay products from imported clay .....	37	222	92	1,280,066	1,337	603	5,000,548
6	Concrete products .....	486	1,154	219	4,707,342	5,289	60	14,677,841
7	Glass and glass products .....	118	909	528	5,268,094	5,394	999	19,710,753
8	Gypsum products .....	11	242	103	1,454,790	1,166	11	3,170,375
9	Lime .....	42	89	18	417,946	960	1	2,894,966
10	Salt .....	12	156	45	727,345	501	48	1,547,467
11	Sand-lime brick .....	5	14	2	64,000	162	—	494,490
12	Stone products .....	159	415	126	1,819,845	1,655	21	4,899,926
13	Miscellaneous non-metallic mineral products .....	52	171	74	965,789	535	75	1,637,416
14	<b>Totals, non-metallic mineral products .....</b>	<b>1,094</b>	<b>4,474</b>	<b>1,626</b>	<b>22,791,238</b>	<b>26,056</b>	<b>2,196</b>	<b>84,483,836</b>
<b>15. Products of petroleum and coal:</b>								
15	Coke and gas products .....	28	900	378	4,533,066	3,673	4	12,413,779
16	Petroleum products .....	55	3,213	1,047	18,808,302	7,536	62	29,766,470
17	Miscellaneous products of petroleum and coal .....	17	78	35	486,978	181	5	556,839
18	<b>Totals, products of petroleum and coal .....</b>	<b>100</b>	<b>4,191</b>	<b>1,460</b>	<b>23,828,346</b>	<b>11,390</b>	<b>71</b>	<b>42,737,088</b>
<b>16. Chemicals and allied products:</b>								
19	Acids, alkalies and salts .....	41	1,875	569	10,602,269	5,748	86	20,572,210
20	Fertilizers .....	40	752	208	3,910,993	2,219	20	7,600,650
21	Medicinal and pharmaceutical preparations .....	217	1,624	1,473	11,288,283	2,231	2,164	10,470,368
22	Paints, varnishes and lacquers .....	122	1,587	872	9,189,522	3,067	361	10,048,287
23	Primary plastics .....	19	571	207	3,249,777	1,319	63	4,666,641
24	Soaps, washing compounds and cleaning preparations .....	141	1,061	597	6,006,125	1,767	399	7,120,171
25	Toilet preparations .....	94	308	363	2,256,598	446	838	2,391,949
26	Vegetable oils .....	13	167	64	981,060	442	2	1,364,771
<b>Other chemical industries:</b>								
27	Adhesives .....	29	172	78	827,278	419	38	1,317,719
28	Coal tar distillation .....	11	107	29	528,636	401	4	1,332,717
29	Gases, compressed .....	45	289	222	1,675,900	714	1	2,370,944
30	Inks .....	33	192	99	1,158,507	545	55	1,732,623
31	Polishes and dressings .....	49	180	176	1,291,285	292	197	1,110,573
32	Miscellaneous chemical products, n.e.s. ....	251	2,583	1,072	13,656,350	7,165	1,707	25,868,604
33	<b>Totals, chemicals and allied products .....</b>	<b>1,105</b>	<b>11,468</b>	<b>6,029</b>	<b>66,622,583</b>	<b>26,775</b>	<b>5,935</b>	<b>97,968,227</b>
<b>17. Miscellaneous industries:</b>								
34	Brooms, brushes and mops .....	95	318	196	1,625,067	1,140	541	3,324,659
35	Clocks, watches and watch cases .....	34	138	122	1,043,579	422	508	2,455,238
36	Fountain pens and pencils .....	17	155	134	1,128,328	304	576	1,775,260
37	Musical instruments .....	24	185	104	844,765	918	165	2,614,112
38	Plastic products .....	152	542	244	3,095,700	1,715	1,566	7,043,210
39	Scientific and professional equipment .....	128	1,397	732	8,560,636	3,232	1,281	13,546,733
40	Sporting goods .....	82	252	119	1,311,918	784	613	2,873,641
41	Toys and games .....	55	132	55	828,248	516	848	2,647,022
42	Typewriter supplies .....	10	87	47	515,622	197	114	711,882
<b>Other miscellaneous industries:</b>								
43	Artificial flowers and feathers .....	45	67	40	327,281	127	282	599,319
44	Buttons, buckles and fasteners .....	45	216	141	1,357,388	606	778	3,102,766
45	Candles .....	14	37	23	187,715	104	67	320,649
46	Hair goods .....	16	20	9	106,180	74	15	211,767
47	Ice, artificial .....	77	172	53	685,705	706	—	1,928,890
48	Lamps, electric and lamp shades .....	57	123	107	752,025	521	537	1,910,767
49	Models and patterns, excluding paper .....	67	91	12	382,671	270	2	959,637
50	Pipes, lighters and smokers' supplies .....	14	39	34	231,643	97	113	456,419
51	Signs, electric, Neon and other .....	193	486	151	2,443,879	1,836	159	5,259,775
52	Stamps and stencils, rubber and metal .....	60	143	71	801,458	512	194	1,707,663
53	Statuary, art goods, regalia and novelties .....	122	153	57	661,989	427	352	1,428,797
54	Umbrellas .....	8	32	10	120,466	25	113	204,497
55	Other miscellaneous industries .....	35	167	114	1,087,004	677	662	2,772,525
56	<b>Totals, miscellaneous industries .....</b>	<b>1,350</b>	<b>4,952</b>	<b>2,575</b>	<b>28,099,267</b>	<b>15,210</b>	<b>9,486</b>	<b>57,855,228</b>
57	<b>Grand totals, all industries .....</b>	<b>38,107</b>	<b>195,843</b>	<b>78,382</b>	<b>1,016,679,409</b>	<b>828,363</b>	<b>224,863</b>	<b>2,940,338,939</b>

**TABLE 11. Establishments, Employees, Earnings, Fuel and Electricity, Materials, Value Added and Shipments of the Manufacturing Industries, 1953 - Concluded**

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	\$	\$	\$	\$	\$	
2,742	9,900,748	4,051,134	16,869,606	25,333,137	46,253,877	1
1,930	6,223,024	557,589	10,363,034	11,110,349	22,030,972	2
2,403	8,954,229	11,327,001	10,472,651	40,428,272	62,227,924	3
3,881	11,458,074	4,843,283	799,534	24,134,914	29,777,731	4
2,254	6,280,614	844,345	3,943,943	10,083,660	14,871,948	5
6,722	19,385,183	2,148,873	34,886,105	40,845,917	77,880,895	6
7,830	24,978,847	4,232,924	28,552,798	40,124,444	72,910,166	7
1,522	4,625,165	1,112,615	10,249,318	10,301,603	21,663,536	8
1,068	3,312,912	3,387,340	1,221,547	10,600,220	15,209,107	9
750	2,274,812	959,927	1,866,106	5,579,756	8,405,789	10
178	558,490	82,860	463,747	1,187,484	1,754,091	11
2,217	6,719,771	922,948	7,816,157	13,956,534	22,695,639	12
855	2,603,205	503,652	6,594,302	6,129,563	13,227,517	13
<b>34,352</b>	<b>107,275,074</b>	<b>34,974,491</b>	<b>134,118,848</b>	<b>239,815,853</b>	<b>408,909,192</b>	<b>14</b>
4,955	16,946,845	6,926,499	66,576,949	48,817,597	122,321,045	15
11,858	48,574,772	28,171,294	507,214,040	159,603,271	694,988,605	16
299	1,043,817	127,953	2,519,652	3,132,085	5,779,690	17
<b>17,112</b>	<b>66,565,434</b>	<b>35,225,746</b>	<b>576,310,641</b>	<b>211,552,953</b>	<b>823,089,340</b>	<b>18</b>
8,278	31,174,479	13,264,151	43,083,175	70,952,111	127,299,437	19
3,199	11,511,643	1,948,620	39,310,484	43,095,265	84,354,369	20
7,492	21,758,651	822,438	30,716,172	62,018,558	93,557,168	21
5,887	19,237,809	756,392	55,144,047	57,347,366	113,247,805	22
2,160	7,916,418	904,454	24,497,716	19,139,712	44,541,882	23
3,824	13,126,296	1,194,015	38,323,494	49,731,314	89,248,823	24
1,955	4,648,547	121,950	11,309,157	19,007,367	30,438,474	25
675	2,345,831	492,220	43,992,061	6,359,159	50,843,440	26
707	2,144,997	403,118	6,490,797	5,188,200	12,082,115	27
541	1,861,353	755,122	7,551,105	5,328,672	13,634,899	28
1,226	4,046,844	490,633	2,240,446	12,981,251	15,712,330	29
891	2,891,130	107,523	5,198,173	7,517,350	12,823,046	30
845	2,401,858	95,121	7,704,870	9,430,077	17,230,068	31
12,527	39,524,954	8,185,181	88,124,634	80,180,174	176,489,989	32
<b>50,207</b>	<b>164,590,810</b>	<b>29,540,938</b>	<b>403,686,331</b>	<b>448,276,576</b>	<b>881,503,845</b>	<b>33</b>
2,195	4,949,726	142,997	8,112,766	8,904,832	17,160,595	34
1,190	3,498,817	38,180	7,103,175	5,528,274	12,669,629	35
1,169	2,903,588	66,904	4,115,356	6,514,328	10,696,588	36
1,372	3,458,877	122,501	3,283,754	6,307,367	9,713,622	37
4,067	10,138,910	425,819	18,725,905	19,858,821	39,010,545	38
6,642	22,107,369	429,594	22,010,622	38,588,436	61,028,652	39
1,768	4,185,559	121,466	4,729,505	7,779,456	12,630,427	40
1,551	3,475,270	128,840	5,948,744	5,291,829	11,369,413	41
445	1,227,504	32,850	2,401,040	2,588,004	5,021,894	42
516	926,600	18,292	1,076,417	1,665,843	2,760,552	43
1,741	4,460,154	104,386	4,598,548	6,751,442	11,454,376	44
231	508,364	34,393	941,195	1,489,068	2,464,656	45
118	317,947	9,181	1,154,380	558,420	1,721,981	46
931	2,614,595	657,087	160,407	4,986,284	5,803,778	47
1,288	2,662,792	88,568	4,651,902	4,606,284	9,346,754	48
375	1,342,308	32,420	328,367	1,741,707	2,102,494	49
283	688,062	26,374	997,648	1,387,312	2,411,334	50
2,632	7,703,654	336,970	6,247,579	15,204,952	21,789,501	51
920	2,509,121	64,274	1,277,442	3,592,817	4,934,533	52
989	2,090,786	59,632	1,842,169	3,309,371	5,211,172	53
180	324,963	2,992	622,410	578,536	1,203,938	54
1,620	3,859,529	108,237	3,138,570	7,529,650	10,776,457	55
<b>32,223</b>	<b>85,954,495</b>	<b>3,031,957</b>	<b>103,467,901</b>	<b>154,763,033</b>	<b>261,282,891</b>	<b>56</b>
<b>1,327,451</b>	<b>3,937,018,348</b>	<b>411,788,821</b>	<b>9,380,538,682</b>	<b>7,993,069,351</b>	<b>17,785,416,854</b>	<b>57</b>

Table 12 gives the amount and value of each of the principal commodities produced or shipped by the manufacturing industries of Canada. Commodities produced in small quantities

are not included but the list covers approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

**TABLE 12. Quantities and Values of the Principal Commodities Produced or Shipped by the Manufacturing Industries of Canada, 1953**

Note: Since 1952 the basis of collection is "Value of Factory Shipments" instead of "Gross Value of Products". However, the commodities marked\* are still on a production basis.

	Unit of measure	Quantity	Value
			\$
<b>Foods:</b>			
Biscuits, all kinds .....	lb.	239,440,587	70,424,959
Bread .....	"	1,557,542,000	171,795,150
Butter, factory made .....	"	304,547,995	179,760,875
Cheese, factory made .....	"	141,226,111	45,129,324
Confectionery, all kinds .....	"	—	72,132,196
Cream, sold in dairy factories .....	lb. b.f.	24,795,757	27,960,246
Feed, chopped, grain .....	ton	492,411	27,402,878
Fish, canned and otherwise prepared* .....	—	—	60,270,260
Flour, wheat .....	bbl.	23,314,790	204,945,417
Feeds, stock and poultry prepared .....	ton	1,997,857	165,852,133
Fruits and vegetables, canned .....	lb.	559,016,122	69,447,527
Fruits and vegetables, frozen* .....	"	46,556,914	9,389,010
Ice cream, factory made .....	gal.	28,939,100	48,069,967
Jams, jellies and marmalades* .....	—	—	18,858,823
Lard .....	lb.	101,995,134	14,439,593
Meats, canned incl. poultry, pastes, etc. ....	"	74,744,209	40,569,221
Meats, cooked .....	"	51,882,190	32,916,793
Meats, cured .....	"	216,930,519	114,357,970
Meats, sold fresh .....	"	1,239,252,242	443,691,210
Meats, sold frozen .....	"	105,954,218	38,860,978
Milk, sold in dairy factories .....	gal.	167,315,993	118,945,190
Milk, evaporated and condensed .....	lb.	290,958,370	35,177,369
Pickles, relishes and catsup .....	—	—	18,232,742
Pies, cakes and pastry .....	—	—	72,358,539
Powders, edible (custard, jelly, milk, etc.) ..	—	—	31,224,359
Sausage, fresh and cured .....	lb.	84,829,516	32,870,598
Shortening .....	"	135,984,639	31,031,467
Sugar, granulated (cane and beet) .....	"	1,187,800,474	96,812,324
Tea and coffee, roasted, blended and packed ..	"	124,080,780	113,180,468
<b>Beverages<sup>1</sup>:</b>			
Aerated waters* .....	gal.	110,174,824	94,076,502
Beer, ale, stout and porter (sales) .....	gal.	206,908,214	324,203,939
Spirits, potable, sold (net sales) .....	proof gal.	12,445,166	97,715,878
Wine, sold .....	imp. gal.	4,355,934	10,952,615
<b>Tobacco and Tobacco Products:<sup>1</sup></b>			
Cigarettes .....	M.	21,156,092	289,424,673
Cigars .....	"	236,248	18,233,475
Tobacco, chewing, smoking and snuff* .....	lb.	28,941,116	71,130,819
Tobacco, raw leaf, processed* .....	"	120,793,167	66,757,162
<b>Textile Products except Clothing:</b>			
Bags, cotton and jute .....	No.	114,186,046	23,006,847
Blankets .....	—	—	13,044,901
Carpets, mats and rugs .....	—	—	13,719,048
Cotton fabrics .....	—	—	115,895,475
Synthetic fabrics, all types .....	yd.	96,666,826	69,029,100
Tire fabrics* .....	lb.	29,235,247	23,059,763
Twine and cordage .....	—	—	15,718,570
Woollen cloth, woven and other* .....	sq. yd.	29,634,805	49,186,166
Yarns, cotton, rayon, wool, etc. (for sale)* ..	—	—	128,727,905
<b>Clothing:</b>			
Coats and overcoats, cloth, men's and youths' ..	No.	757,393	22,585,503
Coats, wool, women's and misses' .....	"	1,621,954	39,748,086
Coats, fur and fur-lined (factory made) .....	"	229,073	51,671,897
Short coats (including windbreakers, mackinaws, parkas, leather coats, etc.) .....	doz.	359,180	25,172,763
Dresses, women's and misses' .....	No.	12,613,064	74,888,470
Footwear, leather .....	pr.	33,863,798	122,932,778
Footwear, rubber* .....	—	—	35,357,979
Gloves and mittens, all kinds .....	doz. pr.	1,842,005	15,314,227
Hats and caps, men's .....	doz.	695,123	11,696,760
Hats, women's and children's .....	"	480,725	14,455,342
Hosiery, all kinds .....	doz. pr.	9,855,094	64,394,825
Shirts, fine, work and sport .....	doz.	2,482,854	56,460,148
Sport suits, slacks and other sport clothing n.e.s.	—	—	14,100,000
Suits, men's and youths', fine, woollen .....	No.	1,417,235	53,912,459
Underwear .....	doz.	4,720,479	35,608,749
<b>Wood Products:</b>			
Boxes, wooden .....	M. ft. b.m.	—	13,385,066
Lumber planed .....	"	3,427,447	263,147,957
Lumber sawn .....	"	5,135,039	328,773,276
Pulp, wood, made for sale .....	ton	2,329,184	291,630,679
Sash, doors and other mill work .....	—	—	66,607,707
<b>Paper Products:</b>			
Bags, paper .....	—	—	49,104,005
Boxes, paper .....	—	—	143,505,989
Paper, newsprint .....	ton	5,755,471	633,408,019
Paper, book and writing .....	"	246,513	61,451,545
Paper boards, all types .....	"	948,955	114,978,277

TABLE 12. Quantities and Values of the Principal Commodities Produced or Shipped by the Manufacturing Industries of Canada, 1953

	Unit of measure	Quantity	Value
			\$
<b>Printing, Publishing and Allied Industries:</b>			
Books and catalogues printed and bound .....	—	—	31,963,208
Other advertising matter printed .....	—	—	42,320,574
Periodicals printed for publishers .....	—	—	22,610,286
Periodicals printed by publishers:			
Subscriptions and sales .....	—	—	56,959,617
Gross revenue from advertising .....	—	—	150,619,059
Sheet forms commercial, legal, etc., printed .....	—	—	41,192,045
<b>Iron and Steel Products:</b>			
Bars, iron and steel, hot rolled (sold) .....	net ton	592,078	75,013,792
Boilers, heating and power .....	—	—	18,472,701
Castings, grey iron, made for sale .....	—	—	44,244,487
Farm implements and parts .....	—	—	159,851,000
Forgings, steel and other .....	—	—	36,403,545
Hardware, builders' and other .....	—	—	38,614,000
Machinery, industrial, household, office and store and parts .....	—	—	532,889,458
Pig iron (sold) .....	net ton	626,624	31,510,562
Pipes, tubing and fittings, iron and steel .....	—	—	89,035,000
Rolled iron and steel forms, semi-finished, sold .....	net ton	279,986	25,228,604
Sheets, bars and other cold-rolled products, sold .....	" "	593,393	97,342,750
Steel ingots and castings, sold .....	" "	133,389	44,745,077
Steel shapes erected, buildings, bridges, etc.* .....	" "	297,598	95,619,662
Steel shapes, structural, made in primary mills .....	" "	262,815	27,589,690
Stoves, coal, wood, electric and gas .....	—	—	47,914,313
Tools and implements, hand, all kinds .....	—	—	35,397,697
Wire, wire rope and cable, steel .....	—	—	37,608,335
<b>Transportation Equipment:</b>			
Aircraft, including parts and repairs* .....	—	—	257,188,962
Automobiles, commercial .....	No.	119,937	192,254,119
Automobiles, passenger .....	" "	360,385	539,524,001
Automobile parts and accessories incl. tires .....	—	—	669,025,397
Buses .....	No.	637	6,828,830
Cars, freight, complete .....	" "	8,258	71,057,778
Locomotives, diesel-electric, new .....	" "	260	42,259,233
Ships and ship repairs* .....	—	—	196,214,180
<b>Non-ferrous Metal Products:</b>			
Jewelry .....	—	—	20,625,744
Kitchenware, aluminum .....	—	—	8,187,294
Silver-plated ware .....	—	—	13,120,850
Smelter and refinery products* .....	—	—	870,918,142
<b>Electrical Apparatus and Supplies:</b>			
Batteries, electric and parts .....	—	—	29,659,966
Radio receiving sets complete .....	No.	737,457	28,021,087
Refrigerators, household, mechanical .....	" "	275,415	50,943,211
Television sets .....	" "	391,974	81,304,912
Wires and cables, electric .....	—	—	123,440,783
<b>Non-Metallic Mineral Products:</b>			
Abrasives, artificial .....	ton	298,530	32,937,917
Coke, gas-house* .....	" "	4,252,933	64,171,749
Concrete, ready-mixed .....	cu. yd.	2,169,348	27,570,788
Gas, manufactured and natural, sold* .....	M. cu. ft.	96,553,160	62,388,016
Glass, pressed and blown (bottles, sealers, etc.) .....	—	—	44,348,405
<b>Chemicals and Allied Products:</b>			
Calcium and sodium compounds .....	—	—	46,846,000
Enamels, lacquers and varnishes .....	—	—	47,035,915
Explosives .....	—	—	25,986,786
Gases compressed and liquified .....	—	—	31,130,000
Medicinal and pharmaceutical preparations .....	—	—	87,098,000
Paints, mixed, ready for use .....	Imp. gal.	11,252,375	42,276,027
Synthetic resins .....	—	—	26,251,000
Soaps .....	lb.	181,688,000	36,629,000
Toilet preparations .....	—	—	39,478,079
<b>Miscellaneous:</b>			
Bags, hand and hand luggage .....	—	—	13,887,341
Brooms and household brushes .....	doz.	951,338	5,020,253
Cans metal for food .....	—	—	52,876,812
Furniture, wood and metal .....	—	—	179,512,216
Gasoline* .....	Imp. gal.	2,260,426,303	355,807,726
Leather, shoe .....	—	—	35,625,193
Mattresses .....	—	—	18,946,902
Mops, floor .....	—	—	2,723,077
Oil, fuel .....	Imp. gal.	2,095,877,081	191,550,501
Pianos, organs and parts .....	—	—	5,199,160
Scientific and professional equipment .....	—	—	61,028,652
Sporting goods .....	—	—	13,974,686
Springs, bed and other furniture .....	—	—	9,803,985
Toys and games .....	—	—	11,369,413

1. Includes excise taxes on prime cost of "Spirits" and "Tobacco Products".



## Subsection 2. Manufactures Classified on the Chief Component Material Classification Basis

For the most purposes a classification of manufacturing industries based upon "chief component materials" has, in the past, proved most useful in Canadian industrial classification. For this reason the Bureau's classification based upon this concept has been the one most widely used for general purposes such as the Decennial Census, Vital Statistics, foreign Trade, etc. Even for these purposes some modification has been deemed expedient, such as the inclusion of a group "Textile Products", composed partly of animal and partly of vegetable products.

When the industry of a country is primarily concerned with the early stages in the processing of primary materials, i.e., when its final products are chiefly such items as pig iron, lumber and processed fish, a classification based upon chief component material is wholly applicable. As manufacturing industry develops, however, turning out more and more goods

for final consumption, the combination of ingredients in such output becomes more and more complex. The modern automotive aircraft, shipbuilding, and electrical apparatus industries are examples in which a wide variety materials must be assembled for the completion of the final product.

In recent years Canada's industrial system has undergone considerable development. Consequently in establishing the Standard Industrial Classification, the concept of "purpose" has been combined with that of "chief component material" in the framework of the classification of manufacturing industries. For the classification of consumers' goods industries the concept of "purpose" seems most applicable both in terms of common usage in referring to industries and in providing the type of data most often required. Hence, such major groups as Foods and Beverages, Clothing, Transportation Equipment, Electrical Apparatus and Supplies, have been established.

**TABLE 13. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1917-1953**

Industrial group and year	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	No.	\$	\$	\$	\$
<b>1917</b>						
Vegetable products .....	4,151	62,791	45,916,557	367,214,061	183,782,501	550,996,562
Animal products .....	5,486	46,994	35,753,133	320,302,039	124,103,990	444,406,029
Textiles and textile products .....	1,033	76,315	47,386,592	131,071,158	109,227,157	240,298,315
Wood and paper products .....	7,258	153,701	115,198,434	150,122,143	249,201,596	399,323,739
Iron and its products .....	1,495	161,745	161,875,426	378,193,116	371,792,489	749,985,605
Non-ferrous metal products .....	296	18,220	15,898,890	46,445,469	41,039,351	87,484,820
Non-metallic mineral products .....	1,075	20,781	18,224,724	36,994,392	58,092,396	95,086,788
Chemicals and allied products .....	539	56,153	51,505,484	99,068,092	131,381,995	230,450,087
Miscellaneous industries .....	512	9,823	6,042,604	10,268,341	12,510,505	22,778,846
<b>Totals, 1917 .....</b>	<b>21,845</b>	<b>606,523</b>	<b>497,801,844</b>	<b>1,539,678,811</b>	<b>1,281,131,980</b>	<b>2,820,810,791</b>
<b>1920</b>						
Vegetable products .....	4,549	74,241	77,750,189	536,828,044	239,328,371	776,156,415
Animal products .....	4,823	48,687	54,291,606	400,496,354	152,995,130	553,491,484
Textiles and textile products .....	1,304	87,730	84,433,609	256,233,300	173,741,035	429,974,335
Wood and paper products .....	7,881	144,391	172,368,578	309,813,724	417,256,115	727,069,839
Iron and its products .....	1,789	164,087	231,595,911	377,499,134	411,875,057	789,374,191
Non-ferrous metal products .....	324	23,162	27,895,343	48,434,120	52,847,178	101,281,298
Non-metallic mineral products .....	846	25,500	32,351,764	69,856,558	80,205,472	150,062,030
Chemicals and allied products .....	464	17,653	22,193,421	62,644,608	65,183,212	127,827,820
Miscellaneous industries .....	552	13,442	14,613,455	23,465,807	27,841,778	51,307,585
<b>Totals, 1920 .....</b>	<b>22,532</b>	<b>598,893</b>	<b>717,493,876</b>	<b>2,085,271,649</b>	<b>1,621,273,348</b>	<b>3,706,544,997</b>
<b>1929</b>						
Vegetable products .....	5,350	91,032	95,853,121	431,595,751	341,688,938	783,706,883
Animal products .....	4,490	67,670	62,081,423	345,351,882	127,929,857	477,761,855
Textiles and textile products .....	1,534	103,881	94,969,433	217,954,088	180,469,064	403,205,809
Wood and paper products .....	7,392	164,572	192,088,948	313,797,201	381,485,477	724,972,308
Iron and its products .....	1,224	142,772	203,740,658	405,818,468	367,465,582	790,726,338
Non-ferrous metal products .....	408	39,867	54,501,806	124,900,632	150,415,215	283,545,666
Non-metallic mineral products .....	843	29,257	38,958,390	112,573,103	99,065,847	229,774,300
Chemicals and allied products .....	554	16,694	22,639,449	55,184,337	78,785,911	138,545,221
Miscellaneous industries .....	421	10,786	12,457,989	22,495,351	28,081,046	51,207,736
<b>Totals, 1929 .....</b>	<b>22,216</b>	<b>666,531</b>	<b>777,291,217</b>	<b>2,029,670,813</b>	<b>1,755,386,937</b>	<b>3,883,446,116</b>
<b>1933</b>						
Vegetable products .....	5,916	75,416	68,535,349	226,879,373	196,820,952	432,315,617
Animal products .....	4,496	53,111	46,453,188	179,429,948	87,629,444	271,068,210
Textiles and textile products .....	1,740	95,707	72,813,424	143,184,861	131,065,992	279,475,267
Wood and paper products .....	7,891	105,080	102,218,652	134,663,641	184,233,540	341,336,701
Iron and its products .....	1,334	73,348	72,296,179	98,793,191	109,198,169	216,828,992
Non-ferrous metal products .....	478	25,273	28,099,026	71,990,608	88,427,984	164,765,604
Non-metallic mineral products .....	770	16,975	19,282,401	69,077,701	52,817,078	131,325,706
Chemicals and allied products .....	696	15,397	18,738,629	34,271,854	55,394,284	92,820,761
Miscellaneous industries .....	459	8,351	7,810,976	9,497,751	14,083,738	24,138,927
<b>Totals, 1933 .....</b>	<b>23,780</b>	<b>468,658</b>	<b>436,247,824</b>	<b>967,788,928</b>	<b>919,671,181</b>	<b>1,954,075,785</b>

**TABLE 13. Principal Statistics of the Manufacturing Industries, Classified on the Chief Component Material Classification Basis, by Main Groups, Significant Years, 1917-1953 - Concluded**

Industrial group and year	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	No.	\$	\$	\$	\$
<b>1939</b>						
Vegetable products .....	5,872	99,447	104,248,785	356,726,153	292,129,840	659,624,014
Animal products .....	4,362	69,358	68,231,871	333,647,306	122,821,410	461,983,262
Textiles and textile products .....	1,930	121,022	107,117,035	203,618,197	181,927,898	392,657,759
Wood and paper products .....	8,538	144,782	165,287,455	246,292,820	303,662,441	579,892,183
Iron and its products .....	1,394	121,041	158,559,728	262,292,781	275,774,796	553,468,880
Non-ferrous metal products .....	526	44,563	59,684,858	242,063,177	155,808,806	416,060,459
Non-metallic mineral products .....	809	23,026	30,067,934	107,979,292	85,511,631	208,166,781
Chemicals and allied products .....	808	22,595	31,567,558	65,230,839	89,046,832	159,536,984
Miscellaneous industries .....	566	12,280	13,045,929	18,308,810	24,368,247	43,393,206
<b>Totals, 1939</b> .....	<b>24,805</b>	<b>658,114</b>	<b>737,811,153</b>	<b>1,836,159,375</b>	<b>1,531,051,901</b>	<b>3,474,783,328</b>
<b>1944</b>						
Vegetable products .....	5,941	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
Animal products .....	4,388	94,195	129,215,389	835,586,247	246,064,720	1,092,015,647
Textiles and textile products .....	2,481	153,122	195,805,681	419,988,642	351,186,488	781,771,688
Wood and paper products .....	10,452	189,674	284,436,559	497,656,158	550,826,986	1,093,725,822
Iron and its products .....	2,192	411,944	818,452,454	1,104,083,922	1,390,703,087	2,540,992,974
Non-ferrous metal products .....	635	104,314	182,909,292	549,317,062	399,498,519	992,345,975
Non-metallic mineral products .....	748	31,590	56,130,338	234,714,319	152,525,053	416,268,879
Chemical and allied products .....	981	81,822	137,422,977	360,412,749	355,260,598	733,569,232
Miscellaneous industries .....	665	25,542	41,304,732	66,967,507	84,159,068	152,484,005
<b>Totals, 1944</b> .....	<b>28,483</b>	<b>1,222,882</b>	<b>2,029,621,370</b>	<b>4,832,333,356</b>	<b>4,015,776,010</b>	<b>9,073,692,519</b>
<b>1949</b>						
Vegetable products .....	5,903	143,032	285,536,723	1,236,409,496	754,329,727	2,020,565,833
Animal products .....	4,231	102,657	197,189,519	1,158,872,220	369,545,771	1,543,930,584
Textiles and textile products .....	3,234	186,328	342,930,642	669,108,586	606,402,697	1,290,314,474
Wood and paper products .....	15,866	262,835	579,896,808	1,061,229,176	1,184,539,519	2,325,304,849
Iron and its products .....	2,658	265,474	678,924,105	1,197,956,715	1,219,303,992	2,468,376,349
Non-ferrous metal products .....	897	100,614	251,869,627	749,678,627	558,467,028	1,353,329,383
Non-metallic mineral products .....	1,097	42,691	104,377,854	469,437,193	261,691,705	780,188,518
Chemicals and allied products .....	1,022	40,499	98,568,559	238,377,149	279,038,860	536,156,674
Miscellaneous industries .....	884	27,077	52,596,820	62,161,902	97,247,135	161,426,636
<b>Totals, 1949</b> .....	<b>35,792</b>	<b>1,171,207</b>	<b>2,591,890,657</b>	<b>6,843,231,064</b>	<b>5,330,566,434</b>	<b>12,479,593,300</b>
<b>1952<sup>1</sup></b>						
Vegetable products .....	5,826	144,572	365,783,661	1,477,824,823	1,006,127,373	2,519,179,224
Animal products .....	3,912	102,038	242,380,359	1,325,004,126	457,008,034	1,801,102,780
Textiles and textile products .....	3,346	183,158	400,480,854	819,392,316	688,806,368	1,524,985,439
Wood and paper products .....	17,403	280,337	783,737,813	1,479,484,588	1,607,001,792	3,184,797,667
Iron and its products .....	2,973	333,132	1,084,755,540	1,951,542,870	1,902,423,464	3,922,647,073
Non-ferrous metal products .....	953	120,138	384,610,020	1,058,309,597	810,854,261	1,930,991,789
Non-metallic mineral products .....	1,158	48,327	156,392,092	634,846,809	429,518,608	1,130,487,677
Chemicals and allied products .....	1,062	46,971	145,647,388	313,340,224	407,215,284	744,630,244
Miscellaneous industries .....	1,296	29,709	73,832,433	86,427,141	134,578,015	223,865,142
<b>Totals, 1952</b> .....	<b>37,929</b>	<b>1,288,382</b>	<b>3,637,620,160</b>	<b>9,146,172,494</b>	<b>7,443,533,199</b>	<b>16,982,687,035</b>
<b>1953<sup>1</sup></b>						
Vegetable products .....	5,789	146,910	391,317,318	1,446,811,354	1,069,519,644	2,553,043,649
Animal products .....	3,807	102,853	254,390,114	1,304,984,268	464,425,298	1,788,686,145
Textiles and textile products .....	3,425	186,102	419,993,255	786,921,715	684,807,398	1,488,759,548
Wood and paper products .....	17,431	287,638	847,018,758	1,548,520,873	1,718,181,079	3,369,498,811
Iron and its products .....	3,062	341,933	1,193,220,034	2,011,011,083	2,092,975,109	4,173,007,606
Non-ferrous metal products .....	973	128,914	429,356,834	1,109,872,109	915,669,987	2,090,201,248
Non-metallic mineral products .....	1,194	51,464	173,840,508	710,429,489	451,368,806	1,231,998,532
Chemicals and allied products .....	1,092	49,532	162,244,979	359,694,270	441,917,417	830,660,405
Miscellaneous industries .....	1,334	32,105	85,636,548	102,313,521	154,204,613	259,560,910
<b>Totals, 1953</b> .....	<b>38,107</b>	<b>1,327,451</b>	<b>3,957,018,348</b>	<b>9,380,558,682</b>	<b>7,993,069,351</b>	<b>17,785,416,854</b>

1. In 1952 the basis of collection was changed from "value of products made" to "value of factory shipments"- See text on page 8.

### Subsection 3. Manufactures Classified by Origin of Materials

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

The mineral origin group includes, in addition to non-ferrous metals so largely produced in Canada, the manufactures of iron and steel, or petroleum, and of other mineral substances, the raw materials for 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. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. The industries of the mineral group in 1943, at the maximum of the war effort, had by far the greatest capital investment, employed the largest number of persons, and paid out the highest amount in salaries and wages. In 1943 the average capital per employee amounted to \$5,441 for the mineral group as compared with \$4,417 for the farm origin group. The mineral group also pays the highest wages. In 1953 the average salary and wage was \$3,431 for the mineral group and \$2,535 for the farm origin group.

**TABLE 14. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-53**

Year and origin	Estab- lishments	Capital	Em- ployees	Earnings	Cost at plant of materials used	Gross value of products
	No.	\$	No.	\$	\$	\$
<b>1924</b>						
Farm origin .....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin .....	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin .....	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin .....	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin .....	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin .....	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
<b>Grand totals, 1924 .....</b>	<b>20,709</b>	<b>2,895,317,508</b>	<b>487,610</b>	<b>534,467,675</b>	<b>1,436,190,791<sup>1</sup></b>	<b>2,584,306,764<sup>1</sup></b>
<b>Farm origin group:</b>						
From field crop .....	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry .....	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
<b>Totals, farm origin .....</b>	<b>8,663</b>	<b>772,791,471</b>	<b>152,488</b>	<b>153,213,763</b>	<b>716,047,892</b>	<b>1,099,279,665</b>
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
<b>1929</b>						
Farm origin .....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin .....	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin .....	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin .....	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin .....	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin .....	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
<b>Grand totals, 1929 .....</b>	<b>22,216</b>	<b>4,004,892,009</b>	<b>666,531</b>	<b>777,291,217</b>	<b>2,029,670,813</b>	<b>3,883,446,116</b>
<b>Farm origin group:</b>						
From field crops .....	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry .....	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
<b>Totals, farm origin .....</b>	<b>9,041</b>	<b>969,384,866</b>	<b>181,682</b>	<b>188,306,755</b>	<b>852,606,083</b>	<b>1,396,769,569</b>
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
<b>1933</b>						
Farm origin .....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin .....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin .....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin .....	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin .....	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin .....	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
<b>Grand Totals, 1933 .....</b>	<b>23,780</b>	<b>3,279,259,838</b>	<b>468,658</b>	<b>436,247,824</b>	<b>967,788,928</b>	<b>1,954,075,785</b>
<b>Farm origin group:</b>						
From field crops .....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry .....	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
<b>Totals, farm origin .....</b>	<b>9,695</b>	<b>844,582,058</b>	<b>158,602</b>	<b>137,711,749</b>	<b>454,882,704</b>	<b>791,956,470</b>
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
<b>1939</b>						
Farm origin .....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin .....	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin .....	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin .....	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin .....	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin .....	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
<b>Grand totals, 1939 .....</b>	<b>24,805</b>	<b>3,647,024,449</b>	<b>658,114</b>	<b>737,811,153</b>	<b>1,836,159,375</b>	<b>3,474,783,528</b>
<b>Farm origin group:</b>						
From field crops .....	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry .....	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
<b>Totals, farm origin .....</b>	<b>10,203</b>	<b>952,929,892</b>	<b>220,210</b>	<b>217,724,965</b>	<b>778,250,125</b>	<b>1,289,993,021</b>
Canadian origin .....	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin .....	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889



**TABLE 14. Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-53 - Concluded**

Year and origin	Estab- lishments	Em- ployees	Earnings	Cost at plant of materials used	Value added by manufacture	Gross value of products
	No.	No.	\$	\$	\$	\$
<b>1944</b>						
Farm origin .....	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Mineral origin .....	4,479	634,542	1,208,779,764	2,258,796,792	2,312,260,844	4,708,104,244
Forest origin .....	10,347	186,680	278,171,969	495,531,476	541,521,976	1,082,160,284
Marine origin .....	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
Wild life origin .....	535	6,190	9,430,191	28,076,572	15,728,926	43,985,177
Mixed origin .....	2,258	98,050	128,195,442	223,007,600	253,202,359	481,828,520
<b>Grand totals, 1944 .....</b>	<b>28,483</b>	<b>1,222,882</b>	<b>2,029,621,370</b>	<b>4,832,333,356</b>	<b>4,015,776,010</b>	<b>9,073,692,519</b>
Farm origin group:						
From field crops .....	6,307	164,514	226,751,705	888,435,918	563,349,320	1,477,008,962
From animal husbandry .....	4,022	123,242	167,964,604	892,578,456	307,645,784	1,211,722,453
<b>Totals, farm origin .....</b>	<b>10,329</b>	<b>287,756</b>	<b>394,716,309</b>	<b>1,781,014,374</b>	<b>870,995,104</b>	<b>2,688,731,415</b>
Canadian origin .....	9,493	225,077	303,293,749	1,507,501,822	668,958,344	2,202,655,904
Foreign origin .....	836	62,679	91,422,560	273,512,552	202,036,760	486,075,511
<b>1949</b>						
Farm origin .....	10,023	312,573	608,297,050	2,664,102,189	1,327,990,992	4,042,745,891
Mineral origin .....	5,936	453,960	1,147,317,944	2,652,631,878	2,315,722,610	5,133,084,333
Forest origin .....	15,467	255,671	562,316,999	1,051,100,174	1,158,202,397	2,288,386,108
Marine origin .....	599	11,856	16,969,825	69,090,041	41,140,022	111,961,148
Wild life origin .....	663	8,370	18,008,212	38,475,825	28,844,758	67,646,428
Mixed origin .....	3,104	128,777	238,980,627	367,830,957	458,665,655	835,769,392
<b>Grand totals, 1949 .....</b>	<b>35,792</b>	<b>1,171,207</b>	<b>2,591,890,657</b>	<b>6,843,231,064</b>	<b>5,330,566,434</b>	<b>12,479,593,300</b>
Farm origin group:						
From field crops .....	6,165	175,715	348,944,897	1,414,938,794	863,950,508	2,313,027,879
From animal husbandry .....	3,858	136,858	259,352,153	1,249,163,395	464,040,484	1,729,718,012
<b>Totals, farm origin .....</b>	<b>10,023</b>	<b>312,573</b>	<b>608,297,050</b>	<b>2,664,102,189</b>	<b>1,327,990,992</b>	<b>4,042,745,891</b>
Canadian origin .....	9,204	247,762	473,274,682	2,289,435,804	1,041,245,310	3,369,356,461
Foreign origin .....	819	64,811	135,022,368	374,666,385	286,745,682	673,389,430
<b>1952<sup>2</sup></b>						
Farm origin .....	9,681	310,448	751,930,860	3,127,662,069	1,694,737,971	4,882,070,311
Mineral origin .....	6,438	553,525	1,789,646,188	3,951,508,235	3,545,121,461	7,718,043,252
Forest origin .....	17,011	273,744	763,289,772	1,468,429,908	1,574,623,762	3,140,882,405
Marine origin .....	635	14,354	24,426,351	86,457,993	45,734,589	134,725,304
Wild life origin .....	613	7,249	18,748,284	43,086,798	28,912,404	72,307,412
Mixed origin .....	3,551	129,062	289,578,705	469,027,491	554,403,012	1,034,658,351
<b>Grand totals, 1952 .....</b>	<b>37,929</b>	<b>1,288,382</b>	<b>3,637,620,160</b>	<b>9,146,172,494</b>	<b>7,443,533,199</b>	<b>16,982,687,035</b>
Farm origin group:						
From field crops .....	6,114	175,519	438,429,742	1,695,982,351	1,116,653,002	2,852,611,414
From animal husbandry .....	3,567	134,929	313,501,118	1,431,679,718	578,084,969	2,029,458,897
<b>Totals, farm origin .....</b>	<b>9,681</b>	<b>310,448</b>	<b>751,930,860</b>	<b>3,127,662,069</b>	<b>1,694,737,971</b>	<b>4,882,070,311</b>
Canadian origin .....	8,797	246,825	584,371,370	2,659,556,833	1,321,738,620	4,027,895,006
Foreign origin .....	884	63,623	167,559,490	468,105,236	372,999,351	854,175,305
<b>1953<sup>2</sup></b>						
Farm origin .....	9,601	314,606	797,589,340	3,043,720,116	1,758,981,140	4,864,375,757
Mineral origin .....	6,618	577,696	1,982,152,272	4,187,562,344	3,905,507,838	8,326,705,749
Forest origin .....	17,045	281,080	824,747,195	1,536,226,536	1,683,667,683	3,322,194,229
Marine origin .....	607	13,623	23,169,629	85,773,130	49,435,356	137,635,369
Wild Life Origin .....	616	7,159	19,037,321	40,665,523	28,927,108	69,911,730
Mixed origin .....	3,620	133,287	310,322,591	486,611,033	566,550,226	1,064,594,020
<b>Grand totals, 1953 .....</b>	<b>38,107</b>	<b>1,327,451</b>	<b>3,957,018,348</b>	<b>9,380,558,682</b>	<b>7,993,069,351</b>	<b>17,785,416,854</b>
Farm origin group:						
From field crops .....	6,085	177,844	465,204,850	1,634,851,980	1,180,872,178	2,857,265,898
From animal husbandry .....	3,516	136,762	332,384,490	1,408,868,136	578,108,962	2,007,109,859
<b>Totals, Farm Origin .....</b>	<b>9,601</b>	<b>314,606</b>	<b>797,589,340</b>	<b>3,043,720,116</b>	<b>1,758,981,140</b>	<b>4,864,375,757</b>
Canadian origin .....	8,695	249,846	621,263,527	2,626,261,151	1,368,737,022	4,042,905,188
Foreign origin .....	906	64,760	176,325,813	417,458,965	390,244,118	821,470,569

1. For the year 1924 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.

2. In 1952 the basis of collection was changed from "Value of Products Made" to "Value of Factory Shipments". See text on page 8.

### Subsection 4. Manufactures Classified by Type of Ownership

This subsection deals with the type of ownership under which Canadian manufacturers operate. The first survey in 1946 did not include the fish-curing and packing industry, information for which was not available at that time. For this reason the figures for 1946 are not strictly comparable with those for succeeding years, although the inclusion of that industry has not materially altered the percentage distribution of individual ownership, incorporated companies, etc.

Of the 38,107 establishments operating in 1953, 1,413 establishments in the periodical publishing industry were unclassifiable, leaving 36,694 establishments in the four categories of ownership. Individual ownership numbered 16,281 establishments, partnerships 5,421, incorporated companies 14,028 and co-operatives 964. The percentage distribution of the four categories of ownership are given below for the years 1946 to 1953.

Year	Individual ownership	Partnerships	Incorporated companies	Co-operatives
1946 (estimated).....	47.3	16.0	33.4	3.3
1947 .....	46.4	16.1	34.3	3.2
1948 .....	46.2	16.4	34.4	3.0
1949 .....	46.0	15.8	35.3	2.9
1950 .....	45.6	15.0	36.3	3.1
1951 .....	44.6	15.5	36.9	3.0
1952 .....	44.9	15.4	36.9	2.8
1953 .....	44.4	14.8	38.2	2.6

As is to be expected, the smaller establishments, regardless of the type of products manufactured, are carried on under individual ownership. In that category industries conducted

on a small scale contain a large number of establishments, the percentage decreasing as the scale of operations increases, as the following statement shows.

No.	Group	Average number of employees per establishment	Percentage of individual ownership establishments to total
1	Wood products.....	10.8	62.2
2	Printing, publishing and allied trades .....	16.0	44.8
3	Foods and beverages.....	21.7	47.4
4	Miscellaneous manufacturing industries.....	23.9	35.5
5	Non-metallic mineral products .....	31.4	34.4
6	Clothing (textile and fur).....	34.3	27.6
7	Chemicals and allied products.....	45.4	16.0
8	Leather products .....	47.6	27.5
9	Iron and steel products .....	69.8	24.8
10	Textile products (except clothing) .....	76.3	29.4
11	Knitting mills .....	83.0	15.0
12	Non-ferrous metal products.....	94.5	26.9
13	Paper products .....	152.1	8.8
14	Products of petroleum and coal.....	171.1	3.0
15	Tobacco and tobacco products.....	172.6	38.2
16	Electrical apparatus and supplies .....	182.1	9.9
17	Transportation equipment.....	251.3	29.5
18	Rubber products .....	313.9	8.3
	<b>All Groups.....</b>	<b>34.8</b>	<b>44.4</b>

It is therefore found, according to the above, that in the wood products group 62 p.c. of the establishments were under individual ownership. The foods and beverage group had 47 p.c. of its establishments in this classification, followed by printing, publishing and allied trades with 45 p.c. tobacco and tobacco products 38 p.c., miscellaneous industries 36 p.c., non-metallic mineral products 34 p.c., transportation equipment, 30 p.c., textiles 29 p.c., clothing 28 p.c., leather products 28 p.c., non-ferrous metal products 27 p.c., iron and steel products 25 p.c., etc.

The establishments operating under individual ownership are not as important from the point of view of employment provided as their large numbers would indicate. According to tables 15 and 16, these establishments which comprise 44 p.c. of the total had only 6 p.c. of the total employees. Partnerships accounted for 15 p.c. of the number of establishments and 3 p.c. of the total employees. Incorporated companies with

38 p.c. of the number of establishments had 90 p.c. of the employees. Co-operatives with 3 p.c. of the number had 1 p.c. of the employees.

On the basis of employment provided, incorporated companies are by a very wide margin the most important factor in the employment field. In the rubber products, paper products, transportation equipment, electrical apparatus and supplies groups 99 p.c. of the employees were reported by such companies. Companies in the petroleum and coal products and chemicals and allied chemical products groups had 98 p.c., non-ferrous metal products had 97 p.c., tobacco and tobacco products, textile and iron and steel products groups had 96 p.c., knitting mills 93 p.c., non-metallic mineral products, 91 p.c., leather products and miscellaneous manufacturing industries had 88 p.c., printing, publishing and allied industries had 86 p.c., foods and beverages and clothing groups had 81 p.c. Companies in the wood products group with 70 reported the lowest percentage of the total employment.

**TABLE 15. Percentage Distribution of Establishments in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1953<sup>1</sup>**

Province or group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
<b>Province</b>					
Newfoundland .....	50.4	35.1	14.4	0.1	100.0
Prince Edward Island.....	49.3	17.8	25.8	7.1	100.0
Nova Scotia .....	55.0	14.9	28.5	1.6	100.0
New Brunswick .....	55.9	11.2	30.2	2.7	100.0
Quebec .....	48.7	11.3	36.1	3.9	100.0
Ontario .....	38.2	14.9	45.0	1.9	100.0
Manitoba.....	38.6	16.6	43.1	1.7	100.0
Saskatchewan .....	58.6	15.8	21.0	4.6	100.0
Alberta .....	50.9	17.3	28.8	3.0	100.0
British Columbia.....	37.8	18.4	42.6	1.2	100.0
Yukon and Northwest Territories .....	48.3	17.2	34.5	—	100.0
<b>Canada .....</b>	<b>44.4</b>	<b>14.8</b>	<b>38.2</b>	<b>2.6</b>	<b>100.0</b>
<b>Industrial Group</b>					
Foods and beverages .....	47.4	11.0	30.4	11.2	100.0
Tobacco and tobacco products .....	38.2	3.6	52.7	5.5	100.0
Rubber products .....	8.3	7.0	84.7	—	100.0
Leather products.....	27.5	13.4	59.1	—	100.0
Textiles .....	29.4	11.1	59.3	0.2	100.0
Knitting mills .....	15.0	12.6	72.4	—	100.0
Clothing .....	27.6	19.7	52.7	—	100.0
Wood products .....	62.2	19.0	18.6	0.2	100.0
Paper products .....	8.8	3.1	88.1	—	100.0
Printing, publishing and allied industries <sup>1</sup> .....	44.8	15.7	39.0	0.5	100.0
Iron and steel products .....	24.8	13.2	61.9	0.1	100.0
Transportation equipment .....	29.5	11.4	59.1	—	100.0
Non-ferrous metal products .....	26.9	12.5	60.6	—	100.0
Electrical apparatus and supplies .....	9.9	5.7	84.4	—	100.0
Non-metallic mineral products .....	34.4	15.0	50.5	0.1	100.0
Products of petroleum and coal .....	3.0	2.0	93.0	2.0	100.0
Chemicals and allied products .....	16.0	6.0	77.6	0.4	100.0
Miscellaneous manufacturing industries .....	35.5	12.9	51.4	0.2	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

**TABLE 16. Percentage Distribution of Employment in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1953<sup>1</sup>**

Province or group	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
<b>Province</b>					
Newfoundland .....	9.0	8.1	82.9	—	100.0
Prince Edward Island.....	20.8	9.8	64.0	5.4	100.0
Nova Scotia .....	10.4	3.8	84.9	0.9	100.0
New Brunswick .....	10.9	3.5	84.0	1.6	100.0
Quebec .....	7.0	3.5	88.8	0.7	100.0
Ontario .....	3.7	2.7	93.2	0.4	100.0
Manitoba.....	5.3	3.9	89.7	1.1	100.0
Saskatchewan .....	13.7	6.0	69.1	11.2	100.0
Alberta .....	10.9	6.3	80.5	2.3	100.0
British Columbia.....	6.2	4.6	87.3	1.9	100.0
Yukon and Northwest Territories .....	19.9	14.2	65.9	—	100.0
<b>Canada .....</b>	<b>5.7</b>	<b>3.3</b>	<b>90.2</b>	<b>0.8</b>	<b>100.0</b>
<b>Industrial group</b>					
Foods and beverages .....	10.1	3.8	81.4	4.7	100.0
Tobacco and tobacco products .....	1.0	0.4	96.1	2.5	100.0
Rubber products .....	0.2	0.5	99.3	—	100.0
Leather products.....	6.5	6.0	87.5	—	100.0
Textiles .....	2.6	1.7	95.6	0.1	100.0
Knitting mills .....	2.1	4.7	93.2	—	100.0
Clothing .....	9.3	10.0	80.7	—	100.0
Wood products .....	20.1	9.7	70.0	0.2	100.0
Paper products .....	0.4	0.2	99.4	—	100.0
Printing, publishing and allied industries <sup>1</sup> .....	8.6	4.6	85.5	1.3	100.0
Iron and steel products .....	2.3	1.6	96.0	0.1	100.0
Transportation equipment .....	0.4	0.4	99.2	—	100.0
Non-ferrous metal products .....	1.8	1.1	97.1	—	100.0
Electrical apparatus and supplies .....	0.3	0.5	99.2	—	100.0
Non-metallic mineral products .....	5.2	3.4	91.3	0.1	100.0
Products of petroleum and coal .....	—	—	98.4	1.6	100.0
Chemicals and allied products .....	1.1	0.6	98.0	0.3	100.0
Miscellaneous manufacturing industries .....	7.6	4.4	87.8	0.2	100.0

1. Four main categories of ownership only; the non-classifiable group is not included.

Symbols — nil.

-- amount too small to be expressed.

TABLE 17. Percentage Distribution of Employment in the Forty Leading Industries, by Type of Ownership, 1953

No.	Industry	Individual ownership	Partnerships	Incorporated companies	Co-operatives	Total
		p.c.	p.c.	p.c.	p.c.	p.c.
1	Pulp and paper mills .....	—	—	100.0	—	100.0
2	Non-ferrous metal smelting and refining .....	—	—	100.0	—	100.0
3	Motor vehicles .....	—	—	100.0	—	100.0
4	Slaughtering and meat packing .....	1.5	1.3	95.6	1.6	100.0
5	Petroleum products .....	—	—	97.7	2.3	100.0
6	Sawmills .....	30.5	13.2	55.9	0.4	100.0
7	Primary iron and steel .....	—	—	100.0	—	100.0
8	Aircraft and parts .....	0.1	—	99.9	—	100.0
9	Butter and cheese .....	10.4	4.7	62.4	22.5	100.0
10	Railway rolling stock .....	—	—	100.0	—	100.0
11	Motor vehicle parts .....	0.8	1.0	98.2	—	100.0
12	Rubber goods, including footwear .....	0.1	0.5	99.4	—	100.0
13	Miscellaneous food preparations .....	4.6	1.8	93.6	—	100.0
14	Bread and other bakery products .....	27.2	7.6	64.7	0.5	100.0
15	Clothing, men's, factory .....	4.3	8.4	87.3	—	100.0
16	Flour mills .....	1.3	2.5	94.3	1.9	100.0
17	Miscellaneous electrical apparatus and supplies .....	0.2	0.4	99.4	—	100.0
18	Machinery, heavy electrical .....	—	—	100.0	—	100.0
19	Printing and publishing .....	5.2	2.2	91.5	1.1	100.0
20	Furniture .....	11.7	8.1	80.2	—	100.0
21	Machinery, industrial .....	1.9	0.7	97.1	0.3	100.0
22	Sheet metal products .....	2.0	2.2	95.8	—	100.0
23	Clothing, women's, factory .....	7.3	7.8	84.9	—	100.0
24	Cotton yarn and cloth .....	0.1	—	99.9	—	100.0
25	Fruit and vegetable preparations .....	5.0	2.9	89.0	3.1	100.0
26	Sash, door and planing mills .....	16.6	8.4	74.8	0.2	100.0
27	Breweries .....	—	0.5	99.5	—	100.0
28	Radios, television sets, and parts .....	0.4	1.2	98.4	—	100.0
29	Boxes and bags, paper .....	1.3	0.6	98.1	—	100.0
30	Shipbuilding .....	0.3	0.2	99.5	—	100.0
31	Miscellaneous chemical products .....	1.3	0.6	98.1	—	100.0
32	Printing and bookbinding .....	14.3	7.6	76.1	2.0	100.0
33	Agricultural implements .....	0.6	0.6	98.0	0.8	100.0
34	Brass and copper products .....	1.9	1.5	96.6	—	100.0
35	Feeds, stock and poultry, prepared .....	14.5	6.6	60.6	18.3	100.0
36	Castings, iron .....	3.5	2.4	94.1	—	100.0
37	Bridge building and structural steel .....	0.1	0.1	99.8	—	100.0
38	Tobacco, cigars and cigarettes .....	1.2	0.5	98.3	—	100.0
39	Miscellaneous paper goods .....	1.9	0.8	97.3	—	100.0
40	Synthetic textiles and silk .....	0.2	—	99.8	—	100.0

Symbols: -- amount too small to be expressed.  
 — nil or zero

TABLE 18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1953

Provinces	Estab-lish-ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Canada:</b>						
Individual ownership .....	16,281	75,042	137,879,735	10,705,992	311,832,146	563,946,450
Partnerships .....	5,421	44,273	92,542,683	5,235,069	187,911,496	352,445,899
Incorporated companies .....	14,028	1,192,719	3,693,219,328	392,569,537	8,680,046,431	16,594,812,042
Co-operatives .....	964	10,489	23,477,253	3,278,223	178,058,481	228,542,999
Not classifiable <sup>1</sup> .....	1,413	4,928	9,899,349	—	22,710,128	45,669,464
<b>Totals .....</b>	<b>38,107</b>	<b>1,327,451</b>	<b>3,957,018,348</b>	<b>411,788,821</b>	<b>9,380,558,682</b>	<b>17,785,416,854</b>
<b>Newfoundland:</b>						
Individual ownership .....	469	951	1,130,476	105,808	1,911,360	4,037,299
Partnerships .....	327	864	705,799	74,019	1,284,208	3,107,031
Incorporated companies .....	134	8,751	24,749,596	3,588,058	41,693,275	99,221,139
Co-operatives .....	1					
Not classifiable <sup>1</sup> .....	8	9	19,037	—	83,178	159,134
<b>Totals .....</b>	<b>939</b>	<b>10,575</b>	<b>26,604,908</b>	<b>3,767,885</b>	<b>44,972,021</b>	<b>106,524,603</b>
<b>Prince Edward Island:</b>						
Individual ownership .....	105	376	440,491	69,750	2,034,150	2,971,344
Partnerships .....	38	177	248,755	29,845	733,367	1,163,115
Incorporated companies .....	55	1,157	2,313,277	246,192	14,083,078	17,716,935
Co-operatives .....	15	97	92,920	10,624	103,333	1,335,613
Not Classifiable <sup>1</sup> .....	3	2	402	—	9,870	11,963
<b>Totals .....</b>	<b>216</b>	<b>1,809</b>	<b>3,095,845</b>	<b>356,411</b>	<b>16,963,798</b>	<b>23,198,970</b>

**TABLE 18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1953 - Concluded**

Provinces	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Nova Scotia:</b>						
Individual ownership .....	846	3,308	4,449,086	412,881	13,460,622	22,748,038
Partnerships .....	230	1,215	1,613,729	136,293	5,364,425	8,746,731
Incorporated companies .....	438	27,159	69,959,108	10,951,994	159,181,466	285,241,916
Co-operatives .....	24	283	324,084	50,396	2,328,091	3,004,909
Not classifiable <sup>1</sup> .....	53	75	44,748	—	208,931	270,670
<b>Totals .....</b>	<b>1,591</b>	<b>32,040</b>	<b>76,390,755</b>	<b>11,551,564</b>	<b>180,543,535</b>	<b>320,012,264</b>
<b>New Brunswick:</b>						
Individual ownership .....	600	2,667	3,669,634	345,196	10,728,021	18,193,074
Partnerships .....	120	861	1,335,110	93,308	3,405,597	5,824,708
Incorporated companies .....	323	20,524	54,101,369	10,809,637	142,690,193	263,056,671
Co-operatives .....	29	375	602,710	87,222	6,804,235	8,372,235
Not classifiable <sup>1</sup> .....	22	44	44,222	—	169,665	303,731
<b>Totals .....</b>	<b>1,094</b>	<b>24,471</b>	<b>59,753,045</b>	<b>11,335,363</b>	<b>163,797,711</b>	<b>295,750,419</b>
<b>Quebec:</b>						
Individual ownership .....	5,701	30,742	53,886,337	3,864,491	133,691,995	234,512,287
Partnerships .....	1,309	15,054	30,814,949	1,481,102	61,429,213	117,338,241
Incorporated companies .....	4,223	390,056	1,129,563,101	139,504,858	2,547,009,317	4,933,391,781
Co-operative .....	467	3,235	5,555,807	913,801	62,897,288	76,005,159
Not classifiable <sup>1</sup> .....	432	2,468	5,753,120	—	11,345,299	25,537,395
<b>Totals .....</b>	<b>12,132</b>	<b>441,555</b>	<b>1,225,573,314</b>	<b>145,764,252</b>	<b>2,816,373,112</b>	<b>5,386,784,863</b>
<b>Ontario:</b>						
Individual ownership .....	4,803	23,711	49,297,855	3,796,663	107,445,826	192,860,540
Partnerships .....	1,879	17,259	39,590,766	2,032,335	78,585,459	145,565,712
Incorporated companies .....	5,662	589,719	1,920,989,242	179,692,024	4,334,694,212	8,483,276,381
Co-operatives .....	244	2,201	5,239,354	722,944	31,736,904	41,305,436
Not classifiable <sup>1</sup> .....	526	1,664	2,865,001	—	7,672,161	13,496,921
<b>Totals .....</b>	<b>13,114</b>	<b>634,554</b>	<b>2,017,982,218</b>	<b>186,243,966</b>	<b>4,560,134,562</b>	<b>8,876,504,990</b>
<b>Manitoba:</b>						
Individual ownership .....	554	2,315	4,454,750	337,799	9,796,846	17,929,403
Partnerships .....	239	1,723	3,507,162	222,292	7,894,544	14,001,842
Incorporated companies .....	619	39,090	111,772,083	8,959,446	320,390,536	541,457,213
Co-operatives .....	25	442	1,133,981	152,368	6,544,877	10,271,165
Not classifiable <sup>1</sup> .....	103	170	258,303	—	776,312	1,212,836
<b>Totals .....</b>	<b>1,540</b>	<b>43,740</b>	<b>121,126,279</b>	<b>9,671,905</b>	<b>345,403,115</b>	<b>584,872,459</b>
<b>Saskatchewan:</b>						
Individual ownership .....	599	1,587	2,598,589	263,512	3,735,804	8,906,368
Partnerships .....	161	698	1,320,326	125,728	2,534,836	5,169,312
Incorporated companies .....	215	7,977	24,656,078	5,414,504	146,771,729	216,234,378
Co-operatives .....	47	1,289	3,734,249	564,068	26,962,357	35,859,815
Not classifiable <sup>1</sup> .....	40	53	86,276	—	299,216	443,213
<b>Total .....</b>	<b>1,062</b>	<b>11,604</b>	<b>32,395,518</b>	<b>6,367,812</b>	<b>180,303,942</b>	<b>266,613,086</b>
<b>Alberta:</b>						
Individual ownership .....	1,017	3,623	6,465,744	597,043	12,163,402	24,518,837
Partnerships .....	345	2,084	4,393,715	306,774	12,053,045	20,828,139
Incorporated companies .....	575	26,535	79,768,561	8,863,092	305,802,663	490,490,272
Co-operatives .....	60	737	1,812,460	166,328	15,577,101	18,991,727
Not classifiable <sup>1</sup> .....	75	103	164,673	—	624,951	985,852
<b>Totals .....</b>	<b>2,072</b>	<b>33,082</b>	<b>92,605,153</b>	<b>9,933,237</b>	<b>346,221,162</b>	<b>555,814,827</b>
<b>British Columbia:</b>						
Individual ownership .....	1,575	5,739	11,421,060	899,756	16,811,192	37,090,964
Partnerships .....	768	4,313	8,949,208	727,316	14,544,826	30,469,848
Incorporated companies .....	1,774	81,636	274,921,375	24,404,247	667,504,670	1,262,677,337
Co-operatives .....	52	1,829	4,981,228	610,402	24,143,657	33,395,519
Not classifiable <sup>1</sup> .....	148	327	648,447	—	1,491,409	3,190,022
<b>Totals .....</b>	<b>4,317</b>	<b>93,844</b>	<b>300,921,318</b>	<b>26,641,721</b>	<b>724,495,754</b>	<b>1,366,823,690</b>
<b>Yukon and Northwest Territories:</b>						
Individual ownership .....	14	35	78,833	13,093	80,564	232,524
Partnerships .....	5	25	63,164	6,057	81,976	231,220
Incorporated companies .....	10	117	427,998	135,555	1,187,430	2,052,939
Not classifiable <sup>1</sup> .....	1					
<b>Totals .....</b>	<b>30</b>	<b>177</b>	<b>569,995</b>	<b>154,705</b>	<b>1,349,970</b>	<b>2,516,683</b>

1. Consists of the industry "Publishing (only) of Periodicals".



**TABLE 19. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1953**

Industrial groups	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>1. Foods and Beverages:</b>						
Individual ownership.....	3,855	17,825	31,215,443	5,142,920	136,552,777	197,596,703
Partnerships.....	892	6,773	13,590,799	1,953,502	63,667,214	91,348,693
Incorporated companies.....	2,475	143,734	392,821,025	38,854,913	1,934,175,868	3,002,087,711
Co-operatives.....	907	8,317	17,653,285	2,796,719	162,343,878	200,928,404
<b>Totals .....</b>	<b>8,129</b>	<b>176,649</b>	<b>455,280,552</b>	<b>48,748,054</b>	<b>2,296,739,737</b>	<b>3,491,961,511</b>
<b>2. Tobacco and Tobacco Products:</b>						
Individual ownership.....	21	130	202,531	7,661	300,354	604,514
Partnerships.....	2					
Incorporated companies.....	29	9,125	26,245,317	616,328	136,668,433	211,582,590
Co-operatives.....	3	239	317,795	15,236	1,522,261	1,958,387
<b>Totals .....</b>	<b>55</b>	<b>9,494</b>	<b>26,765,643</b>	<b>639,225</b>	<b>138,491,048</b>	<b>214,145,491</b>
<b>3. Rubber Products:</b>						
Individual ownership.....	6	34	61,936	6,901	52,307	147,621
Partnerships.....	5	106	233,144	13,324	129,313	504,150
Incorporated companies.....	61	22,460	70,699,563	3,704,485	114,155,074	290,083,688
<b>Totals .....</b>	<b>72</b>	<b>22,600</b>	<b>70,994,643</b>	<b>3,724,710</b>	<b>114,336,694</b>	<b>290,735,459</b>
<b>4. Leather Products:</b>						
Individual ownership.....	191	2,155	3,872,053	84,931	6,444,923	12,475,020
Partnerships.....	93	1,960	3,733,707	71,109	5,618,221	11,172,601
Incorporated companies.....	411	28,953	63,359,735	1,900,701	104,353,035	198,762,561
<b>Totals .....</b>	<b>695</b>	<b>33,068</b>	<b>70,965,495</b>	<b>2,056,741</b>	<b>116,416,179</b>	<b>222,410,182</b>
<b>5. Textile Products (Except Clothing):</b>						
Individual ownership.....	282	1,936	3,514,169	156,593	6,556,624	12,590,776
Partnerships.....	106	1,225	2,433,637	86,714	4,470,110	8,856,884
Incorporated companies.....	569	70,029	178,656,810	12,891,090	377,297,850	679,242,605
Co-operatives.....	2					
<b>Totals .....</b>	<b>959</b>	<b>73,190</b>	<b>184,604,616</b>	<b>13,134,397</b>	<b>388,324,584</b>	<b>700,690,265</b>
<b>6a Knitting Mills:</b>						
Individual ownership.....	44	506	836,160	36,887	1,365,658	2,898,548
Partnerships.....	37	1,162	2,258,616	45,512	5,750,410	9,857,131
Incorporated companies.....	213	22,745	49,325,905	1,741,346	70,588,104	148,036,663
<b>Totals .....</b>	<b>294</b>	<b>24,413</b>	<b>52,420,681</b>	<b>1,823,745</b>	<b>77,704,172</b>	<b>160,792,342</b>
<b>6b Clothing (Textile and Fur):</b>						
Individual ownership.....	770	8,916	16,819,810	292,342	31,389,757	61,435,313
Partnerships.....	550	9,555	20,975,859	258,186	36,452,981	71,706,631
Incorporated companies.....	1,468	77,187	164,209,610	1,840,864	293,715,744	564,046,727
<b>Totals .....</b>	<b>2,788</b>	<b>95,658</b>	<b>202,005,279</b>	<b>2,391,392</b>	<b>361,558,482</b>	<b>697,188,671</b>
<b>7. Wood Products:</b>						
Individual ownership.....	7,756	27,014	43,081,286	3,074,154	94,550,171	178,692,849
Partnerships.....	2,363	12,968	22,945,916	1,500,246	44,514,371	86,731,447
Incorporated companies.....	2,317	93,952	258,746,535	10,260,078	508,561,759	972,775,439
Co-operatives.....	26	376	845,515	67,352	2,104,755	3,815,077
<b>Totals .....</b>	<b>12,462</b>	<b>134,310</b>	<b>325,619,252</b>	<b>14,901,830</b>	<b>649,731,056</b>	<b>1,242,014,812</b>
<b>8. Paper Products:</b>						
Individual ownership.....	49	370	752,441	26,033	1,133,924	2,408,799
Partnerships.....	17	161	380,268	16,864	675,267	1,395,148
Incorporated companies.....	489	83,905	308,974,998	83,473,998	715,650,852	1,564,446,574
<b>Totals .....</b>	<b>555</b>	<b>84,436</b>	<b>310,107,707</b>	<b>83,516,895</b>	<b>717,460,043</b>	<b>1,568,250,521</b>
<b>9. Printing, Publishing and Allied Industries:</b>						
Individual ownership.....	1,231	5,300	12,370,699	467,349	8,184,713	27,596,304
Partnerships.....	431	2,832	7,394,013	206,947	5,055,913	16,387,346
Incorporated companies.....	1,071	52,657	173,550,743	3,431,758	137,864,603	448,960,376
Co-operatives.....	13	825	2,424,870	60,306	1,434,316	5,193,109
Not classifiable.....	1,411	4,916	9,886,229	—	22,682,492	45,615,237
<b>Totals .....</b>	<b>4,157</b>	<b>66,530</b>	<b>205,626,554</b>	<b>4,166,360</b>	<b>175,222,037</b>	<b>543,752,372</b>
<b>10. Iron and Steel Products:</b>						
Individual ownership.....	670	4,236	10,735,500	509,974	8,785,317	26,048,490
Partnerships.....	355	3,100	8,422,580	368,480	8,365,309	23,251,137
Incorporated companies.....	1,671	180,900	624,316,047	50,575,837	889,014,613	2,049,251,452
Co-operatives.....	2					
<b>Totals .....</b>	<b>2,698</b>	<b>188,236</b>	<b>643,474,127</b>	<b>51,454,291</b>	<b>906,165,239</b>	<b>2,098,551,079</b>
<b>11. Transportation Equipment:</b>						
Individual ownership.....	183	696	1,391,365	67,352	1,310,611	3,470,110
Partnerships.....	71	552	1,329,678	49,127	1,570,456	3,659,979
Incorporated companies.....	367	154,811	552,690,109	17,662,418	1,108,072,514	2,082,807,544
<b>Totals .....</b>	<b>621</b>	<b>156,059</b>	<b>555,411,152</b>	<b>17,778,897</b>	<b>1,110,953,581</b>	<b>2,089,937,633</b>

**TABLE 19. Principal Statistics of the Manufacturing Industries of Canada Classified by Industrial Groups, and by Type of Ownership, 1953 - Concluded**

Industrial groups	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>12. Non-ferrous Metal Products:</b>						
Individual ownership .....	148	952	2,163,673	84,163	2,541,104	5,980,403
Partnerships .....	69	574	1,472,209	53,392	2,115,408	4,687,116
Incorporated companies .....	334	50,532	175,074,175	57,564,853	721,471,603	1,231,343,475
<b>Totals .....</b>	<b>551</b>	<b>52,058</b>	<b>178,710,057</b>	<b>57,702,408</b>	<b>726,128,115</b>	<b>1,242,010,994</b>
<b>13. Electrical Apparatus and Supplies:</b>						
Individual ownership .....	42	258	575,394	22,654	941,212	2,042,710
Partnerships .....	24	363	782,922	20,436	1,589,795	3,023,078
Incorporated companies .....	356	76,235	249,288,461	6,913,654	381,212,987	843,124,466
<b>Totals .....</b>	<b>422</b>	<b>76,856</b>	<b>250,646,777</b>	<b>6,956,744</b>	<b>383,743,994</b>	<b>848,190,254</b>
<b>14. Non-metallic Mineral Products:</b>						
Individual ownership .....	376	1,769	3,786,490	456,282	3,979,247	10,865,670
Partnerships .....	164	1,183	2,702,626	438,084	2,819,156	8,256,363
Incorporated companies .....	553	31,400	100,785,958	34,080,125	127,320,445	389,787,159
Co-operatives .....	1					
<b>Totals .....</b>	<b>1,094</b>	<b>34,352</b>	<b>107,275,074</b>	<b>34,974,491</b>	<b>134,118,848</b>	<b>408,909,192</b>
<b>15. Products of Petroleum and Coal:</b>						
Individual ownership .....	3	10	21,075	1,038	49,071	98,482
Partnerships .....	2					
Incorporated companies .....	93	17,102	66,544,359	35,224,708	576,261,570	822,990,858
Co-operatives .....	2					
<b>Totals .....</b>	<b>100</b>	<b>17,112</b>	<b>66,565,434</b>	<b>35,225,746</b>	<b>576,310,641</b>	<b>823,089,340</b>
<b>16. Chemicals and Allied Products:</b>						
Individual ownership .....	177	532	1,068,455	58,594	1,761,972	3,982,032
Partnerships .....	66	298	678,211	39,457	1,077,233	2,466,168
Incorporated companies .....	857	49,205	162,241,027	29,393,315	398,623,296	872,141,605
Co-operatives .....	5	172	603,117	49,572	2,223,830	2,914,040
<b>Totals .....</b>	<b>1,105</b>	<b>50,207</b>	<b>164,590,810</b>	<b>29,540,938</b>	<b>403,686,331</b>	<b>881,503,845</b>
<b>17. Miscellaneous Manufacturing Industries:</b>						
Individual ownership .....	479	2,455	5,522,504	211,468	6,078,057	15,343,023
Partnerships .....	174	1,421	3,110,369	112,385	3,922,322	8,865,337
Incorporated companies .....	694	28,288	77,219,873	2,724,211	93,426,274	236,833,502
Co-operatives .....	3	59	101,749	3,893	41,248	241,029
<b>Totals .....</b>	<b>1,350</b>	<b>32,223</b>	<b>85,954,495</b>	<b>3,051,957</b>	<b>103,467,901</b>	<b>261,282,891</b>

1. Consists of the industry "Publishing (only) of Periodicals".

**Subsection 5. Leading Manufacturing Industries**

In the following statement, the rank of the ten leading industries in 1953, from the standpoint of gross value of pro-

duction, is compared with their respective ranks in significant years since 1922.

Industry	Rank in						
	1953	1949	1944	1939	1933	1929	1922
Pulp and paper .....	1	1	5	2	1	1	2
Non-ferrous metal smelting and refining .....	2	3	2	1	2	9	1
Motor vehicles .....	3	4	7	5	11	4	6
Slaughtering and meat packing .....	4	2	1	3	3	2	3
Petroleum products .....	5	5	14	6	6	10	9
Sawmills .....	6	6	11	8	14	5	4
Primary iron and steel .....	7	8	13	11	31	16	20
Aircraft and parts .....	8	1	4	1	1	1	1
Butter and cheese .....	9	7	10	4	5	6	5
Railway rolling stock .....	10	9	16	16	23	7	24

1. Did not rank among the forty leading industries that year.

A prominent feature of Canadian manufacturing development during the past 25 years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base-metal resources of the country, has 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 rearrangement in the ranking of many industries which in some cases has proved to be temporary. During the War, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. When the War ended, the industries engaged in the production of consumer goods, by reason of the expanded demand for their products, bettered their positions.

Pulp and paper, after a lapse of a number of years, resumed its premier position.

Some major changes took place in the ranking of the ten leading industries in 1953. The impetus given to Canadian manufacturing production by the Korean war is reflected in the advance of the aircraft industry to the eighth position. This industry which did not rank among the forty leading industries before World War II was in fourth place in 1944 and sixteenth place in 1952. The shipbuilding industry also bettered its position as a result of the current defence program, reaching the thirty-fourth place in 1952 and the thirtieth place in 1953. Pulp and paper retained its premier position. Non-ferrous metal smelting and refining and motor vehicles bettered their position in 1953, while slaughtering and meat packing, butter and cheese, and railway rolling stock declined in relative importance. Petroleum products, sawmills and primary iron and steel were unchanged as compared with 1952.

**TABLE 20. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Selling Value of Factory Shipments, 1953**

No.	Industry	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Pulp and paper .....	127	58,194	235,741,660	499,350,994	599,934,934	1,179,665,443
2	Non ferrous metal smelting and refining.....	18	25,115	94,545,611	508,116,759	310,207,228	870,918,142
3	Motor vehicles .....	20	32,973	131,316,134	557,709,086	273,598,093	835,554,549
4	Slaughtering and meat packing.....	152	22,887	74,431,943	672,763,955	152,022,908	829,468,022
5	Petroleum products .....	55	11,858	48,574,772	507,214,040	159,603,271	694,988,605
6	Sawmills .....	8,194	60,933	142,131,003	304,584,643	269,066,309	580,693,704
7	Primary iron and steel.....	62	34,956	129,709,556	212,374,287	216,957,645	458,904,255
8	Aircraft and parts.....	43	38,048	142,375,699	135,756,989	260,548,393	398,744,272
9	Butter and cheese .....	1,527	20,697	52,507,579	293,915,639	95,787,291	396,955,715
10	Railway rolling stock .....	36	35,447	118,026,350	179,892,257	153,677,779	338,321,229
11	Motor vehicle parts .....	179	23,335	81,186,799	162,324,012	141,251,977	307,676,670
12	Rubber goods, including footwear.....	72	22,600	70,994,643	114,336,694	172,674,055	290,735,459
13	Miscellaneous food preparations .....	322	9,757	26,028,134	200,378,736	80,864,996	284,366,431
14	Bread and other bakery products .....	2,571	33,540	80,902,687	129,224,657	139,987,817	277,998,092
15	Clothing, men's, factory .....	601	35,119	74,709,888	147,283,980	125,833,604	273,946,025
16	Flour mills .....	95	4,962	14,946,310	224,518,387	40,262,095	266,430,548
17	Miscellaneous electrical apparatus and supplies	151	22,671	74,576,087	109,321,170	141,809,125	253,731,281
18	Machinery, heavy, electrical .....	55	25,454	88,359,663	87,704,273	154,594,631	244,273,012
19	Printing and publishing.....	795	28,499	93,821,611	66,814,175	174,943,176	243,892,279
20	Furniture .....	1,640	29,768	75,836,177	107,747,252	121,482,928	231,557,354
21	Machinery, industrial .....	312	22,163	75,295,453	78,394,744	145,229,561	225,962,481
22	Sheet metal products .....	316	18,275	58,831,831	119,186,160	103,826,528	225,423,031
23	Clothing, women's, factory.....	830	28,277	61,838,049	116,186,888	103,679,336	220,410,178
24	Cotton yarn and cloth .....	54	23,178	55,036,540	132,917,545	73,326,204	210,220,958
25	Fruit and vegetable preparations.....	454	15,385	32,838,899	119,911,000	82,491,454	205,119,469
26	Sash, door and planing mills .....	1,775	20,241	48,119,296	120,988,715	77,217,333	200,929,152
27	Breweries .....	61	8,383	31,737,897	51,482,008	146,805,908	200,885,656
28	Radios, television sets and parts .....	103	17,213	51,234,692	112,634,139	86,791,493	200,129,328
29	Boxes and bags, paper .....	192	14,042	38,752,738	115,598,568	81,755,394	198,540,167
30	Shipbuilding .....	79	22,571	72,732,056	65,821,268	115,523,663	183,215,310
31	Miscellaneous chemical products .....	251	12,527	39,524,954	88,124,634	80,180,174	176,489,989
32	Printing and bookbinding .....	1,696	23,846	68,382,615	62,093,666	112,606,355	176,176,468
33	Agricultural implements .....	80	14,161	50,302,007	90,344,539	79,100,472	171,269,525
34	Brass and copper products .....	153	9,301	31,539,770	108,715,110	59,866,300	170,691,735
35	Feeds, stock and poultry, prepared.....	654	5,760	13,861,889	137,828,019	30,291,490	170,433,683
36	Castings, iron.....	201	15,346	52,985,576	69,150,209	85,034,389	157,465,126
37	Bridge building and structural steel .....	47	11,243	42,534,324	64,196,383	90,785,457	156,327,770
38	Tobacco, cigars and cigarettes .....	42	7,711	23,376,081	79,261,880	67,702,851	147,388,329
39	Miscellaneous paper goods.....	210	9,723	27,809,907	82,195,084	63,773,278	147,270,934
40	Synthetic textiles and silk .....	47	15,723	43,939,105	63,938,444	78,585,277	146,418,307
	<b>Totals, leading industries .....</b>	<b>24,272</b>	<b>891,882</b>	<b>2,771,395,985</b>	<b>7,100,300,988</b>	<b>5,549,681,172</b>	<b>12,949,588,683</b>
	<b>Totals, all industries .....</b>	<b>38,107</b>	<b>1,327,451</b>	<b>3,957,018,348</b>	<b>9,380,558,682</b>	<b>7,993,069,351</b>	<b>17,785,416,854</b>
	Percentage of leading industries to all industries	63.7	67.2	70.2	75.7	69.4	72.8

## SECTION 4. PRINCIPAL FACTORS IN MANUFACTURING PRODUCTION

The subjects treated under this Section include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

## Subsection 1. Capital and Repair Expenditures

Prior to 1944 the following information on capital investment was collected: Fixed Capital—Land, buildings, fixtures, machinery, tools and other equipment. Working Capital—(1) Inventory value of raw materials, stocks in process, fuel and miscellaneous supplies on hand; (2) Inventory value of finished products; (3) Cash, bills and accounts receivable, prepaid expenses, etc. This was replaced by the collection of statistics on the expenditure on fixed capital and repairs.

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the 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 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was \$6,317,000,000 as compared with \$2,234,000,000 in 1917, an increase of 171 p.c., while wholesale prices declined about 13 p.c. in the same period.

Capital expenditures by manufacturers in 1953 totalled \$324,500,000 for construction and \$644,500,000 for machinery and equipment, while \$480,100,000 went for repairs. Of the total capital expenditures, amounting to \$969,000,000 in 1953, 13.9 p.c. was reported by the chemical products group, 13.0 p.c. by iron and steel products, 11.8 p.c. by paper products, 11.1 p.c. by transportation equipment, 9.7 p.c. by foods and beverages, 9.3 p.c. by products of petroleum and coal, 9.0 p.c. by non-ferrous metal products, etc.

Of the groups reporting capital expenditures of \$25,000,000 or more in 1953, five reported increases and six reported decreases. Of the groups reporting increases, transportation equipment with \$35,300,000 led the list, followed by non-ferrous metal products with \$8,600,000, foods and beverages \$7,700,000, products of petroleum and coal \$4,000,000, and wood products \$2,800,000. The paper products group with \$25,400,000 led the list of the groups reporting decreases in capital investment. This was followed by iron and its products with \$21,900,000, chemical products \$18,700,000, electrical apparatus and supplies \$4,400,000, textiles, except clothing \$3,600,000, and non-metallic mineral products \$2,000,000.

Capital expenditures in 1953 declined by \$3,600,000 in 1953. This compares with an increase of \$180,000,000 in 1952 and \$290,000,000 in 1951.

Expenditures on capital assets which averaged \$913,000,000 during the past three years reflect the expansion and modernization which the manufacturing industries of Canada have experienced. Although the expansion was at a rapid rate, not all provinces, however, shared in this expansion at an equal rate. According to the following table which compares the share of each province's capital expenditures with their share of the total value of factory shipments during 1951-53, it may be seen that Alberta had relatively higher capital expenditures than any other province, its share of capital expenditures being 7.44 p.c. as compared with only 3.00 p.c. of the total value of factory shipments. British Columbia did almost as well, while Ontario and Newfoundland, although in the same category, did so to a lesser degree. Quebec was the major province that did not keep pace in the relative expenditures on construction and equipment. Its share was only 22.47 p.c. as compared with 30.26 p.c. for value of factory shipments. Prince Edward Island, Nova Scotia, New Brunswick, Manitoba and Saskatchewan were the other provinces that lost ground.

Comparison of Capital Expenditures with Value of Factory Shipments, 1951-1953

Province	Per cent of total	
	Capital expenditures	Selling value of factory shipments
Newfoundland .....	1.40	.61
Prince Edward Island.....	.08	.13
Nova Scotia .....	1.56	1.86
New Brunswick .....	1.54	1.75
Quebec .....	22.47	30.26
Ontario .....	50.17	49.50
Manitoba.....	1.51	3.35
Saskatchewan .....	1.49	1.52
Alberta .....	7.44	3.00
British Columbia.....	12.34	8.02
<b>Total.....</b>	<b>100.00</b>	<b>100.00</b>



TABLE 21. Capital and Repair Expenditures by the Manufacturing Industries, by Provinces and Industrial Groups, 1953 with Totals for 1944-52

Group and year	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	\$'000,000					
1944.....	61.3	150.1	211.4	60.7	173.5	234.2
1945.....	75.9	204.2	280.1	63.1	170.6	233.7
1946.....	132.2	205.0	337.2	56.8	164.3	221.1
1947.....	184.7	343.2	527.9	62.4	210.7	273.1
1948.....	184.8	394.2	579.0	78.9	253.9	332.8
1949.....	156.6	379.2	535.8	66.7	267.2	333.9
1950.....	135.4	367.1	502.5	67.6	279.0	346.6
1951.....	267.6	525.0	792.6	85.0	337.0	422.0
1952.....	343.6	629.0	972.6	95.2	363.5	458.7
Provinces, 1953						
Newfoundland.....	5.2	8.1	13.3	1.6	4.1	5.7
Prince Edward Island.....	0.2	0.7	0.9	0.1	0.2	0.3
Nova Scotia.....	4.4	8.9	13.3	7.4	8.4	15.8
New Brunswick.....	2.1	8.8	10.9	1.7	9.0	10.7
Quebec.....	44.9	140.2	185.1	22.0	111.4	133.4
Ontario.....	169.3	330.1	499.4	43.5	200.2	243.7
Manitoba.....	2.8	9.0	11.8	3.2	9.1	12.3
Saskatchewan.....	13.2	4.6	17.8	1.9	2.9	4.8
Alberta.....	27.2	64.3	91.5	3.9	8.7	12.6
British Columbia.....	55.2	69.8	125.0	9.3	31.5	40.8
Totals, 1953.....	324.5	644.5	969.0	94.6	385.5	480.1
Industrial groups, 1953						
Foods and beverages.....	26.0	59.0	85.0	12.8	40.1	52.9
Tobacco and tobacco products.....	1.0	2.2	3.2	0.6	1.5	2.1
Rubber products.....	4.1	11.1	15.2	1.3	6.1	7.4
Leather products.....	0.9	2.2	3.1	0.7	2.3	3.0
Textile products (except clothing).....	7.9	20.0	27.9	2.8	16.6	19.4
Clothing (textile and fur).....	3.8	10.6	14.4	1.5	4.5	6.0
Wood products.....	10.4	24.2	34.6	7.8	22.3	30.1
Paper products.....	22.5	81.6	104.1	7.0	69.7	76.7
Printing, publishing and allied trades.....	3.8	12.6	16.4	2.0	4.4	6.4
Iron and steel products.....	35.5	78.5	114.0	15.6	70.8	86.4
Transportation equipment.....	46.9	50.5	97.4	11.9	33.0	44.9
Non-ferrous metal products.....	37.6	41.7	79.3	8.7	36.1	44.8
Electrical apparatus and supplies.....	15.8	20.2	36.0	2.7	14.2	16.9
Non-metallic mineral products.....	11.0	21.3	32.3	2.2	22.1	24.3
Products of petroleum and coal.....	61.6	19.9	81.5	11.8	12.0	23.8
Chemical products.....	32.0	90.3	122.3	4.3	26.5	30.8
Miscellaneous industries.....	3.7	5.0	8.7	0.9	3.3	4.2
Capital items charged to operating expense.....	—	93.6	93.6	—	—	—

TABLE 22. Capital and Repair Expenditures by the Manufacturing Industries, by Provinces 1948-53

Province	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	\$'000,000					
Newfoundland:						
1948 <sup>1</sup> .....	—	—	—	—	—	—
1949.....	2.3	6.0	8.3	1.5	3.6	5.1
1950.....	2.0	5.5	7.5	1.0	3.0	4.0
1951.....	3.4	6.4	9.8	1.2	4.2	5.4
1952.....	5.4	9.7	15.1	0.9	8.5	9.4
1953.....	5.2	8.1	13.3	1.6	4.1	5.7
Prince Edward Island:						
1948.....	0.1	0.3	0.4	0.1	0.2	0.3
1949.....	0.1	0.2	0.3	0.1	0.1	0.2
1950.....	0.4	0.5	0.9	0.1	0.2	0.3
1951.....	0.2	0.2	0.4	0.1	0.2	0.3
1952.....	0.4	0.6	1.0	0.2	0.2	0.4
1953.....	0.2	0.7	0.9	0.1	0.2	0.3
Nova Scotia:						
1948.....	5.9	6.5	12.4	5.0	5.8	10.8
1949.....	3.4	5.5	8.9	2.7	7.5	10.2
1950.....	1.7	5.9	7.6	4.0	5.1	9.1
1951.....	1.8	10.6	12.4	5.0	6.4	11.4
1952.....	6.7	10.2	16.9	7.0	8.1	15.1
1953.....	4.4	8.9	13.3	7.4	8.4	15.8

1. Not available.

TABLE 22. Capital and Repair Expenditures by the Manufacturing Industries, by Provinces 1948-53 - Concluded

Province	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
\$'000,000						
New Brunswick:						
1948.....	4.4	10.7	15.1	1.2	7.1	8.3
1949.....	2.6	10.0	12.6	1.2	6.5	7.7
1950.....	1.2	6.3	7.5	1.1	6.4	7.5
1951.....	4.2	13.3	17.5	1.7	7.8	9.5
1952.....	3.1	10.6	13.7	1.1	8.5	9.6
1953.....	2.1	8.8	10.9	1.7	9.0	10.7
Quebec:						
1948.....	58.1	127.3	185.4	20.5	76.6	97.1
1949.....	50.4	113.8	164.2	19.1	80.6	99.7
1950.....	44.0	108.5	152.5	19.2	81.7	100.9
1951.....	54.7	143.8	198.5	21.3	96.6	117.9
1952.....	66.0	164.9	230.9	25.5	103.9	129.4
1953.....	44.9	140.2	185.1	22.0	111.4	133.4
Ontario:						
1948.....	89.4	200.7	290.1	38.3	123.4	161.7
1949.....	63.1	177.1	240.2	30.0	127.3	157.3
1950.....	56.1	161.8	217.9	30.2	140.9	171.1
1951.....	137.8	257.4	395.2	39.4	170.4	209.8
1952.....	158.3	318.9	477.2	43.6	179.5	223.1
1953.....	169.3	330.1	499.4	43.5	200.2	243.7
Manitoba:						
1948.....	2.6	8.3	10.9	2.2	6.1	8.3
1949.....	3.6	9.9	13.5	2.3	6.5	8.8
1950.....	5.7	10.9	16.6	2.1	6.6	8.7
1951.....	7.9	9.7	17.6	2.5	7.5	10.0
1952.....	3.1	8.7	11.8	3.4	9.4	12.8
1953.....	2.8	9.0	11.8	3.2	9.1	12.3
Saskatchewan:						
1948.....	2.0	3.3	5.3	1.0	1.5	2.5
1949.....	3.5	7.0	10.5	0.6	2.4	3.0
1950.....	2.3	6.2	8.5	0.5	2.6	3.1
1951.....	3.7	9.5	13.2	1.2	2.4	3.6
1952.....	3.5	6.2	9.7	1.4	2.8	4.2
1953.....	13.2	4.6	17.8	1.9	2.9	4.8
Alberta:						
1948.....	9.6	6.7	16.3	2.0	4.8	6.8
1949.....	4.4	8.5	12.9	1.6	6.1	7.7
1950.....	3.2	13.4	16.6	1.7	6.1	7.8
1951.....	12.7	23.9	36.6	2.7	5.8	8.5
1952.....	43.4	31.8	75.2	4.1	7.1	11.2
1953.....	27.2	64.3	91.5	3.9	8.7	12.6
British Columbia:						
1948.....	12.7	30.4	43.1	8.6	28.4	37.0
1949.....	23.2	41.2	64.4	7.6	28.6	34.2
1950.....	18.8	48.1	66.9	7.7	26.4	34.1
1951.....	41.2	50.2	91.4	9.9	35.7	45.6
1952.....	53.7	67.4	121.1	8.0	35.5	43.5
1953.....	55.2	69.8	125.0	9.3	31.5	40.8

TABLE 23. Capital and Repair Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-53

Group and year	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
\$'000,000						
Foods and beverages:						
1944.....	10.7	11.4	22.1	8.5	21.2	29.7
1945.....	18.2	16.2	34.4	11.6	19.8	31.4
1946.....	24.7	28.4	53.1	12.3	20.5	32.8
1947.....	33.0	49.8	82.8	10.8	25.7	36.5
1948.....	31.9	56.5	88.4	13.2	28.6	41.8
1949.....	27.7	60.8	88.5	10.4	30.7	41.1
1950.....	26.0	49.2	75.2	10.0	31.6	41.6
1951.....	28.0	51.1	79.1	11.8	34.3	46.1
1952.....	26.6	50.7	77.3	12.5	36.0	48.5
1953.....	26.0	59.0	85.0	12.8	40.1	52.9

TABLE 23. Capital and Repair Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-53 - Continued

Group and year	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	\$'000,000					
Tobacco and tobacco products:						
1944 <sup>1</sup> .....	—	—	—	—	—	—
1945 <sup>1</sup> .....	—	—	—	—	—	—
1946.....	1.2	0.9	2.1	0.5	0.6	1.1
1947.....	1.0	2.1	3.1	0.5	1.0	1.5
1948.....	0.8	1.9	2.7	0.5	1.3	1.8
1949.....	0.3	2.0	2.3	0.4	1.3	1.7
1950.....	1.0	1.6	2.6	0.4	1.3	1.7
1951.....	0.5	1.7	2.2	0.4	1.3	1.7
1952.....	0.5	1.8	2.3	0.5	1.3	1.8
1953.....	1.0	2.2	3.2	0.6	1.5	2.1
Rubber products (including footwear):						
1944 <sup>1</sup> .....	—	—	—	—	—	—
1945 <sup>1</sup> .....	—	—	—	—	—	—
1946.....	3.9	3.6	7.5	1.1	3.7	4.8
1947.....	2.4	7.8	10.2	1.3	6.1	7.4
1948.....	1.5	4.5	6.0	0.9	4.6	5.5
1949.....	1.7	5.6	7.3	0.6	4.4	5.0
1950.....	0.6	4.1	4.7	0.7	4.6	5.3
1951.....	2.0	5.9	7.9	0.9	5.5	6.4
1952.....	2.7	7.3	10.0	0.9	6.0	6.9
1953.....	4.1	11.1	15.2	1.3	6.1	7.4
Leather products:						
1944 <sup>1</sup> .....	—	—	—	—	—	—
1945 <sup>1</sup> .....	—	—	—	—	—	—
1946.....	1.6	1.6	3.2	1.1	2.4	3.5
1947.....	1.2	2.0	3.2	0.9	2.9	3.8
1948.....	1.2	2.2	3.4	1.0	2.6	3.6
1949.....	0.6	2.5	3.1	0.7	2.2	2.9
1950.....	0.7	1.8	2.5	0.6	2.1	2.7
1951.....	0.9	1.9	2.8	0.6	2.1	2.7
1952.....	0.6	1.7	2.3	0.6	2.0	2.6
1953.....	0.9	2.2	3.1	0.7	2.3	3.0
Textile products (except clothing):						
1944.....	1.8	4.9	6.7	2.8	7.6	10.4
1945.....	1.3	7.7	9.0	2.9	8.5	11.4
1946.....	8.4	16.2	24.6	3.3	10.2	13.5
1947.....	10.9	25.7	36.6	2.8	12.2	15.0
1948.....	6.5	29.1	35.6	3.9	14.2	18.1
1949.....	7.0	29.9	36.9	3.6	14.9	18.5
1950.....	6.6	20.8	27.4	3.5	15.9	19.4
1951.....	9.9	29.2	39.1	4.0	16.7	20.7
1952.....	7.0	24.5	31.5	3.8	15.6	19.4
1953.....	7.9	20.0	27.9	2.8	16.6	19.4
Clothing (textile and fur):						
1944.....	2.8	1.1	3.9	3.8	3.3	7.1
1945.....	9.2	4.4	13.6	2.1	3.1	5.2
1946.....	2.6	5.8	8.4	2.2	3.8	6.0
1947.....	3.7	10.3	14.0	1.9	4.7	6.6
1948.....	2.1	10.2	12.3	2.2	4.8	7.0
1949.....	3.0	12.7	15.7	1.9	4.9	6.8
1950.....	2.5	9.4	11.9	1.4	4.6	6.0
1951.....	4.1	9.1	13.2	1.4	4.7	6.1
1952.....	1.6	11.1	12.7	1.3	4.4	5.7
1953.....	3.8	10.6	14.4	1.5	4.5	6.0
Wood products:						
1944.....	2.9	2.4	5.3	4.6	13.5	18.1
1945.....	1.6	3.6	5.2	5.3	15.2	20.5
1946.....	10.9	9.5	20.4	5.7	12.2	17.9
1947.....	11.4	20.7	32.1	6.5	15.6	22.1
1948.....	7.9	18.5	26.4	7.1	18.9	26.0
1949.....	7.5	22.9	30.4	5.7	18.2	23.9
1950.....	8.1	21.3	29.4	5.4	19.4	24.8
1951.....	11.2	27.4	38.6	7.7	24.5	32.2
1952.....	9.3	22.5	31.8	6.1	23.5	29.6
1953.....	10.4	24.2	34.6	7.8	22.3	30.1
Paper products:						
1944.....	8.0	6.7	14.7	1.9	32.3	34.2
1945.....	5.8	10.8	16.6	1.9	34.7	36.6
1946.....	27.2	27.8	55.0	5.3	28.4	33.7
1947.....	31.2	49.8	81.0	6.4	37.3	43.7
1948.....	29.1	60.4	89.5	7.0	47.3	54.3
1949.....	26.8	65.2	92.0	8.7	51.1	59.8
1950.....	21.1	57.4	78.5	8.0	51.7	59.7
1951.....	41.7	83.2	124.9	9.7	69.0	78.7
1952.....	33.6	95.9	129.5	8.3	72.9	81.2
1953.....	22.5	81.6	104.1	7.0	69.7	76.7

1. Figures not compiled separately; they are, however, included in the total.

TABLE 23. Capital and Repair Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-53 - Continued

Group and year	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	\$'000,000					
Printing, publishing and allied trades:						
1944.....	0.2	2.2	2.4	0.6	3.9	4.5
1945.....	3.9	2.1	6.0	6.8	5.1	5.9
1946.....	2.9	4.4	7.3	1.3	2.4	3.7
1947.....	5.4	8.4	13.8	1.6	3.2	4.8
1948.....	7.0	12.4	19.4	1.6	3.9	5.5
1949.....	6.3	16.4	22.7	1.4	3.9	5.3
1950.....	5.0	14.4	19.4	1.7	4.1	5.8
1951.....	6.3	18.0	24.3	1.7	4.6	6.3
1952.....	3.3	11.0	14.3	1.5	4.1	5.6
1953.....	3.8	12.6	16.4	2.0	4.4	6.4
Iron and steel products:						
1944.....	10.1	22.2	32.3	6.5	26.2	32.7
1945.....	12.8	18.5	31.3	7.7	24.6	32.3
1946.....	14.9	22.0	36.9	8.4	22.8	31.2
1947.....	16.0	38.9	54.9	10.1	32.4	42.5
1948.....	19.6	36.7	56.3	12.0	38.4	50.4
1949.....	14.6	44.9	59.5	12.4	38.9	51.3
1950.....	13.5	30.7	44.2	12.7	41.7	54.4
1951.....	47.1	50.1	97.2	13.0	58.9	71.9
1952.....	46.2	89.7	135.9	16.1	64.8	80.9
1953.....	35.5	78.5	114.0	15.6	70.8	86.4
Transportation equipment:						
1944.....	1.6	4.7	6.3	11.0	20.8	31.8
1945.....	2.2	8.6	10.8	8.1	17.2	25.3
1946.....	5.4	10.3	15.7	3.7	14.4	18.1
1947.....	5.2	8.9	14.1	3.1	14.2	17.3
1948.....	5.4	10.0	15.4	5.3	16.8	22.1
1949.....	6.7	18.2	24.9	5.3	20.2	25.5
1950.....	9.9	17.4	27.3	5.7	20.0	25.7
1951.....	21.8	27.1	48.9	6.9	21.5	28.4
1952.....	37.1	25.0	62.1	11.6	31.1	42.7
1953.....	46.9	50.5	97.4	11.9	33.0	44.9
Non-ferrous metal products:						
1944.....	6.4	2.4	8.8	5.0	15.3	20.3
1945.....	0.7	3.5	4.2	3.8	12.7	16.5
1946.....	2.3	5.3	7.6	3.1	12.2	15.3
1947.....	6.7	9.4	16.1	4.7	16.4	21.1
1948.....	8.9	16.8	25.7	7.8	25.9	33.7
1949.....	10.4	22.0	32.4	4.4	22.3	26.7
1950.....	8.9	13.5	22.4	4.0	24.6	28.6
1951.....	22.4	26.0	48.4	6.9	30.3	37.2
1952.....	35.1	35.6	70.7	8.5	34.2	42.7
1953.....	37.6	41.7	79.3	8.7	36.1	44.8
Electrical apparatus and supplies:						
1944 <sup>1</sup> .....	—	—	—	—	—	—
1945 <sup>1</sup> .....	—	—	—	—	—	—
1946.....	3.0	8.7	11.7	1.2	5.0	6.2
1947.....	5.3	9.7	15.0	2.0	7.1	9.1
1948.....	4.8	11.9	16.7	2.2	8.7	10.9
1949.....	4.8	14.1	18.9	2.0	9.4	11.4
1950.....	3.1	10.6	13.7	2.0	10.5	12.5
1951.....	16.3	15.6	31.9	2.2	11.4	13.6
1952.....	21.8	18.6	40.4	2.8	11.7	14.5
1953.....	15.8	20.2	36.0	2.7	14.2	16.9
Non-metallic mineral products:						
1944.....	1.4	1.2	2.6	0.8	6.5	7.3
1945.....	3.1	2.1	5.2	0.8	7.0	7.8
1946.....	3.5	4.2	7.7	1.4	8.4	9.8
1947.....	11.3	10.6	21.9	1.6	9.9	11.5
1948.....	11.1	17.0	28.1	2.3	13.3	15.6
1949.....	6.9	15.2	22.1	1.5	14.3	15.8
1950.....	4.4	12.0	16.4	1.6	15.7	17.3
1951.....	11.5	18.9	30.4	4.7	15.6	20.3
1952.....	11.2	23.1	34.3	3.9	16.6	20.5
1953.....	11.0	21.3	32.3	2.2	22.1	24.3
Products of petroleum and coal:						
1944 <sup>1</sup> .....	—	—	—	—	—	—
1945 <sup>1</sup> .....	—	—	—	—	—	—
1946.....	5.2	4.6	9.8	2.4	5.2	7.6
1947.....	23.3	10.4	33.7	3.4	7.8	11.2
1948.....	29.3	13.4	42.7	6.6	6.3	12.9
1949.....	18.1	11.6	29.7	3.0	11.0	14.0
1950.....	14.3	18.5	32.8	4.8	9.7	14.5
1951.....	21.7	37.3	59.0	8.3	8.8	17.1
1952.....	41.1	36.4	77.5	11.2	9.5	20.7
1953.....	61.6	19.9	81.5	11.8	12.0	23.8

1. Figures not compiled separately; they are, however, included in the total.



TABLE 23. Capital and Repair Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-53 - Continued

Group and year	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	\$'000,000					
Chemical products:						
1944.....	1.4	1.6	3.0	3.7	8.1	11.8
1945.....	4.0	3.6	7.6	4.2	7.2	11.4
1946.....	11.6	8.0	19.6	2.9	10.3	13.2
1947.....	14.4	19.3	33.7	4.0	12.5	16.5
1948.....	15.0	26.9	41.9	4.3	15.8	20.1
1949.....	11.9	30.9	42.8	3.9	17.3	21.2
1950.....	7.3	19.0	26.3	4.3	19.1	23.4
1951.....	19.2	38.5	57.7	4.0	24.8	28.8
1952.....	61.2	79.8	141.0	4.5	26.6	31.1
1953.....	32.0	90.3	122.3	4.3	26.5	30.8
Miscellaneous industries:						
1944 <sup>2</sup> .....	1.3	81.4 <sup>2</sup>	82.7	1.0	1.9	2.9
1945 <sup>2</sup> .....	1.7	110.7 <sup>2</sup>	112.4	1.0	1.9	2.9
1946.....	2.9	43.7	46.6	0.9	1.8	2.7
1947.....	2.3	59.4	61.7	0.8	1.7	2.5
1948.....	2.7	65.8	68.5	1.0	2.5	3.5
1949.....	2.3	4.3	6.6	0.8	2.2	3.0
1950.....	2.4	3.6	6.0	0.8	2.4	3.2
1951.....	3.0	4.4	7.4	0.8	3.0	3.8
1952.....	4.7	4.1	8.8	1.1	3.2	4.3
1953.....	3.7	5.0	8.7	0.9	3.3	4.2

2. Includes allowance for capital items charged to operating expense of \$18,000,000 in 1944 and \$23,900,000 in 1945.

TABLE 24. Capital and Repair Expenditures of the Twenty-five Leading Industries, 1948-53

Industry	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	\$'000,000					
1. Pulp and paper:						
1948.....	25.7	53.6	79.3	6.2	43.6	49.8
1949.....	24.2	47.6	71.8	7.2	45.8	53.0
1950.....	17.9	50.7	68.6	7.0	46.5	53.5
1951.....	35.0	73.9	108.9	8.6	62.6	71.2
1952.....	29.0	86.6	115.6	7.3	66.5	73.8
1953.....	18.5	73.4	91.9	6.2	63.5	69.7
2. Non-ferrous metal smelting and refining:						
1948.....	7.5	9.8	17.3	7.1	18.6	25.7
1949.....	7.0	7.4	14.4	0.7	15.5	16.2
1950.....	6.7	9.4	16.1	2.8	19.7	22.5
1951.....	20.6	19.8	40.4	5.3	24.0	29.3
1952.....	32.6	29.7	62.3	7.0	26.9	33.9
1953.....	33.4	33.7	67.1	7.7	29.4	37.1
3. Motor vehicles:						
1948.....	2.0	4.3	6.3	1.8	5.3	7.1
1949.....	1.1	4.7	5.8	1.4	5.1	6.5
1950.....	3.1	7.7	10.8	1.7	6.1	7.8
1951.....	7.4	10.3	17.7	1.8	6.5	8.3
1952.....	20.9	11.1	32.0	2.3	7.3	9.6
1953.....	27.0	27.1	54.1	3.0	9.4	12.4
4. Slaughtering and meat packing:						
1948.....	2.2	3.8	6.0	3.4	3.7	7.1
1949.....	1.5	3.9	5.4	1.6	5.4	7.0
1950.....	2.2	3.2	5.4	1.5	5.5	7.0
1951.....	2.3	3.5	5.8	2.2	5.3	7.5
1952.....	3.1	4.7	7.8	2.4	5.8	8.2
1953.....	2.1	4.8	6.9	2.6	7.7	10.3
5. Petroleum products:						
1948 <sup>1</sup> .....	—	—	—	—	—	—
1949 <sup>1</sup> .....	—	—	—	—	—	—
1950.....	9.6	14.5	24.1	3.3	7.1	10.4
1951.....	18.9	30.2	49.1	7.4	5.5	12.9
1952.....	32.1	28.0	60.1	9.6	6.1	15.7
1953.....	56.8	9.0	65.8	10.5	7.9	18.4

1. Not available.

TABLE 24. Capital and Repair Expenditures of the Twenty-five Leading Industries, 1948-53 - Continued

Industry	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
\$'000,000						
6. Sawmills:						
1948 .....	5.0	11.6	16.6	4.7	13.3	18.0
1949 .....	4.3	12.2	16.5	3.3	12.9	16.2
1950 .....	5.4	15.3	20.7	3.5	14.0	17.5
1951 .....	6.4	17.4	23.8	5.1	18.0	23.1
1952 .....	5.5	12.9	18.4	3.6	16.1	19.7
1953 .....	4.0	12.5	16.5	5.1	16.0	21.1
7. Primary iron and steel:						
1948 .....	7.3	12.0	19.3	5.1	16.3	21.4
1949 .....	2.4	9.2	11.6	5.4	15.4	20.8
1950 .....	1.7	5.2	6.9	5.9	18.6	23.9
1951 .....	28.9	21.4	50.3	5.5	27.8	33.3
1952 .....	20.5	52.4	72.9	6.3	31.4	37.7
1953 .....	11.9	38.0	49.9	7.2	38.6	45.8
8. Aircraft and parts:						
1948 .....	0.1	0.2	0.3	0.3	0.6	0.9
1949 .....	0.9	0.5	1.4	0.5	1.0	1.5
1950 .....	1.9	0.8	2.7	0.7	0.9	1.6
1951 .....	4.7	1.4	6.1	0.9	1.0	1.9
1952 .....	6.3	2.1	8.4	1.3	1.7	3.0
1953 .....	8.3	3.5	11.8	0.9	3.9	4.8
9. Butter and cheese:						
1948 .....	2.8	8.1	10.9	1.5	4.0	5.5
1949 .....	1.7	7.8	9.5	1.3	4.0	5.3
1950 .....	1.5	7.1	8.6	1.2	4.4	5.6
1951 .....	1.7	6.8	8.5	1.3	4.2	5.5
1952 .....	2.4	7.1	9.5	1.8	4.4	6.2
1953 .....	2.4	8.4	10.8	1.5	4.4	5.9
10. Railway rolling stock:						
1948 .....	2.4	2.3	4.7	1.6	6.2	7.8
1949 .....	1.9	4.0	5.9	1.7	6.7	8.4
1950 .....	1.3	2.8	4.1	1.6	5.3	6.9
1951 .....	2.1	2.4	4.5	1.9	5.1	7.0
1952 .....	5.7	4.0	9.7	8.1	11.3	19.4
1953 .....	3.4	5.9	9.3	4.6	9.1	13.7
11. Motor vehicle parts:						
1948 .....	1.1	2.6	3.7	0.7	3.5	4.2
1949 .....	1.7	3.9	5.6	0.8	4.1	4.9
1950 .....	2.5	5.5	8.0	0.7	4.9	5.6
1951 .....	6.8	10.7	17.5	1.1	5.9	7.0
1952 .....	5.2	5.7	10.9	1.4	6.1	7.5
1953 .....	6.2	11.6	17.8	1.2	7.2	8.4
12. Rubber goods, including footwear:						
1948 .....	1.5	5.7	7.2	0.9	4.6	5.5
1949 .....	1.7	4.6	6.3	0.6	4.4	5.0
1950 .....	0.6	4.1	4.7	0.7	4.6	5.3
1951 .....	2.0	5.9	7.9	0.9	5.5	6.4
1952 .....	2.7	7.3	10.0	0.9	6.0	6.9
1953 .....	4.1	11.1	15.2	1.3	6.0	7.3
13. Miscellaneous food preparations:						
1948 .....	0.7	2.1	2.8	0.4	0.6	1.0
1949 .....	6.0	6.1	12.1	0.6	1.2	1.8
1950 .....	0.6	2.2	2.8	0.4	0.8	1.2
1951 .....	2.8	3.4	6.2	0.7	2.2	2.9
1952 .....	1.9	2.2	4.1	0.4	0.9	1.3
1953 .....	1.0	4.4	5.4	0.6	2.6	3.2
14. Bread and other bakery products:						
1948 .....	2.7	7.2	9.9	1.1	2.7	3.8
1949 .....	1.5	6.2	7.7	1.1	2.9	4.0
1950 .....	2.8	7.9	10.7	1.0	3.5	4.5
1951 .....	2.5	8.4	10.9	1.1	4.1	5.2
1952 .....	3.9	9.6	13.5	1.3	3.7	5.0
1953 .....	2.6	9.2	11.8	1.3	5.1	6.4
15. Clothing, men's factory:						
1948 .....	0.6	2.0	2.6	0.5	0.9	1.4
1949 .....	0.7	1.6	2.3	0.5	0.9	1.4
1950 .....	0.3	1.4	1.7	0.4	0.9	1.3
1951 .....	0.5	1.6	2.1	0.3	1.0	1.3
1952 .....	0.3	1.6	1.9	0.4	0.9	1.3
1953 .....	1.3	1.8	3.1	0.5	0.9	1.4
16. Flour mills:						
1948 .....	1.7	4.3	6.0	0.5	2.2	2.7
1949 .....	2.9	3.7	6.6	0.2	1.4	1.6
1950 .....	0.7	2.3	3.0	0.2	1.5	1.7
1951 .....	0.4	1.5	1.9	0.4	1.5	1.9
1952 .....	0.5	1.7	2.2	0.2	1.6	1.8
1953 .....	0.2	1.0	1.2	0.5	1.6	2.1

TABLE 24. Capital and Repair Expenditures of the Twenty-five Leading Industries, 1948-53 — Concluded

Industry	Capital expenditures			Repair expenditures		
	Construction	Machinery and equipment	Total	Construction	Machinery and equipment	Total
	\$'000,000					
17. Miscellaneous electrical apparatus and supplies:						
1948 <sup>1</sup> .....	—	—	—	—	—	—
1949 <sup>1</sup> .....	—	—	—	—	—	—
1950 .....	0.7	3.4	4.1	0.7	4.1	4.8
1951 .....	3.6	4.9	8.5	0.8	4.0	4.8
1952 .....	6.7	5.5	12.2	1.1	5.0	6.1
1953 .....	2.7	6.8	9.5	0.9	5.7	6.6
18. Machinery, heavy electrical:						
1948 <sup>1</sup> .....	—	—	—	—	—	—
1949 <sup>1</sup> .....	—	—	—	—	—	—
1950 .....	1.1	3.8	4.9	0.5	4.0	4.5
1951 .....	3.5	5.0	8.5	0.6	7.0	7.6
1952 .....	10.8	6.9	17.7	1.0	4.2	5.2
1953 .....	8.1	6.1	14.2	1.0	5.5	6.5
19. Printing and publishing:						
1948 .....	4.2	4.8	9.0	0.8	1.9	2.7
1949 .....	2.5	5.7	8.2	0.7	1.7	2.4
1950 .....	2.9	5.7	8.6	0.6	1.7	2.3
1951 .....	3.5	9.3	12.8	0.8	1.9	2.7
1952 .....	2.5	5.5	8.0	0.8	1.9	2.7
1953 .....	2.5	5.9	8.4	1.0	2.1	3.1
20. Furniture:						
1948 .....	1.0	2.6	3.6	0.8	1.5	2.3
1949 .....	0.7	2.1	2.8	0.8	1.7	2.5
1950 .....	0.9	2.1	3.0	0.9	1.6	2.5
1951 .....	1.2	2.4	3.6	0.9	1.8	2.7
1952 .....	0.9	2.4	3.3	0.8	1.8	2.6
1953 .....	2.2	3.8	6.0	1.1	2.0	3.1
21. Machinery, industrial:						
1948 .....	3.1	6.3	9.4	1.4	3.4	4.8
1949 .....	4.0	7.5	11.5	1.6	3.3	4.9
1950 .....	1.3	3.6	4.9	0.8	2.2	3.0
1951 .....	2.7	4.2	6.9	0.9	3.1	4.0
1952 .....	7.0	8.4	15.4	1.1	3.3	4.4
1953 .....	5.0	7.3	12.3	1.1	3.3	4.4
22. Sheet metal products:						
1948 .....	1.2	2.6	3.8	1.0	2.4	3.4
1949 .....	1.5	2.6	4.1	1.0	2.5	3.5
1950 .....	1.5	2.9	4.4	1.2	2.1	3.3
1951 .....	3.5	3.9	7.4	1.0	3.1	4.1
1952 .....	1.6	3.2	4.8	0.9	3.0	3.9
1953 .....	2.2	4.2	6.4	0.8	3.1	3.9
23. Clothing, women's factory:						
1948 .....	0.6	1.7	2.3	0.3	0.9	1.2
1949 .....	0.7	1.8	2.5	0.2	0.8	1.0
1950 .....	0.1	1.1	1.2	0.1	0.6	0.7
1951 .....	0.7	0.9	1.6	0.1	0.6	0.7
1952 .....	0.5	1.2	1.7	0.1	0.6	0.7
1953 .....	—	1.3	1.3	0.1	0.5	0.6
24. Cotton yarn and cloth:						
1948 .....	1.9	8.9	10.8	1.4	4.5	5.9
1949 .....	1.8	7.1	8.9	1.7	4.2	5.9
1950 .....	2.0	8.1	10.1	1.5	4.9	6.4
1951 .....	2.9	9.1	12.0	1.6	5.4	7.0
1952 .....	1.9	6.6	8.5	1.7	5.6	7.3
1953 .....	0.9	3.3	4.2	1.2	5.6	6.8
25. Fruit and vegetable preparations:						
1948 .....	1.6	3.8	5.4	0.8	3.0	3.8
1949 .....	0.8	2.2	3.0	0.5	2.3	2.8
1950 .....	0.9	1.6	2.5	0.6	2.3	2.9
1951 .....	1.4	2.9	4.3	0.9	3.2	4.1
1952 .....	1.0	2.8	3.8	1.0	3.2	4.2
1953 .....	0.6	2.7	3.3	0.8	3.4	4.2

1. Not available.

## Subsection 2. Inventory Holdings

As explained in the section on Capital Employed, the collection of statistics on capital investment by manufacturers was discontinued in 1944. This was replaced by the collection annually of expenditure statistics on fixed capital, repairs and maintenance from all large manufacturers, with estimates being made for the smaller establishments. As a result of this change no information was available on investment in inventory. Before

long, however, the need for this information became apparent. Consequently, beginning with 1949, calendar year-end inventory values have been collected from all manufacturing plants with an annual gross value of production of \$50,000 or over. These values are inflated to a total by estimating for small firms in each industry on the basis of the gross value-inventory ratio or reporting firms.

Total inventory held by manufacturers (including inventory held but not owned) in 1953 totalled \$4,053,000,000. Of this amount \$1,865,000,000 was in raw materials, \$1,130,000,000 in goods in process and \$1,058,000,000 in finished products. Inventory held, but not owned, included in the total, amounted to \$521,000,000.

According to table 25 below which gives detailed statistics by industrial groups, foods, beverages and tobacco with \$692,000,000 had the highest total inventory investment of any group. Iron and steel products with \$526,000,000 came second, followed by transportation equipment with \$305,000,000, paper products \$279,000,000, chemicals and allied products \$221,000,000, etc.

In 1953, of the total inventory holdings 46.0 p.c. were in raw materials, 27.9 p.c. in goods in process and 26.1 p.c. finished products. The corresponding percentages in 1949 were: 53.4, 15.8 and 30.8. Percentagewise there was thus a drop in the amount of raw materials and finished products, with a corresponding increase in the amount in goods in process.

For the years 1949-53, there is a small incomparability due to the treatment of inventory held on a progress payments basis, i.e. cases where manufacturers operate on long term contracts, for which payments are made as work progresses. In such cases, actual ownership of inventory is less than total holdings. While not a very large item under normal circumstances, this component of inventory increased rapidly during the period under review, due to the impact of the defence program. It falls almost entirely in 9 heavy industries, where long-term contracts are common e.g. shipbuilding, aircraft, the machinery industries, electrical apparatus industries, bridge and structural steel. For the year 1949, such inventory was not collected as a separate item, but it is estimated that total value of progress payments inventory was in the neighbourhood

of \$75 million for that year. For 1950, firms were asked to report progress payments inventory as a separate item not included in the total. For 1951 to 1953, total inventory values reported included progress payments holdings, but the latter were also given as a separate item. It is somewhat difficult to make these data comparable, except in total, since the component to which the progress payments holdings should be applied is not known. In general, it is goods-in-process inventory, but in some cases it may be raw materials.

In order to make the 1950 to 1953 data comparable in the table shown below, one third of the reported 1950 progress payments holdings have been added to raw materials and two thirds to goods in progress inventory.

The inventory values shown below include only holdings in connection with manufacturing operations. Inventories of goods purchased for re-sale, and inventories held at Sales Branches, Wholesale Outlets and Retail Stores, (i.e. held in the manufacturers' capacity as a trader) have been eliminated as far as possible.

During the five-year period for which data are shown below, value of both total inventory investment and total inventory holdings rose steadily. A substantial portion of this value increase was due to increases in wages and in prices of raw materials, but to some extent the increase reflected increased volume of inventory due to an enlargement of the scale of operations. Ratios of year-end inventory investment to the annual gross value of production increased slowly but steadily during the period, reflecting the fact that larger percentage increases were occurring in inventories than in gross values. Assuming that \$75 million of 1949's total holdings represented progress payments inventory, the 1949 ratio was .18 and in 1953 it was almost .20.

TABLE 25. Estimated Total Inventory Holdings of Manufacturers, by Industrial Groups, 1953, with Totals for 1949-53  
(Million dollars)

Year and industrial group	Total inventory investment	Progress payments holdings	Total inventory held	Raw materials	Goods in process	Finished products
1949 .....	N.A.	N.A.	2,333	1,245	369	719
1950 .....	2,638	145	2,783	1,448	617	718
1951 .....	3,390	201	3,591	1,781	811	999
1952 <sup>1</sup> .....	3,356	410	3,766	1,842	966	958
1953 <sup>1</sup> .....	3,532	521	4,053	1,865	1,130	1,058
Industrial Group, 1953						
Foods, beverages and tobacco .....	692	—	692	345	112	235
Rubber products .....	63	—	63	16	6	41
Leather products .....	52	—	52	23	12	17
Textile products (except clothing) .....	196	—	196	77	47	72
Clothing (textile and fur) .....	187	—	187	101	27	59
Wood products .....	251	—	251	143	27	81
Paper products .....	279	—	279	239	8	32
Printing, publishing and allied trades .....	42	—	42	25	10	7
Iron and steel products .....	526	153	679	262	282	135
Transportation equipment .....	305	301	606	171	375	60
Non-ferrous metal products .....	206	—	206	122	38	46
Electrical apparatus and supplies .....	215	65	280	80	124	76
Non-metallic mineral products .....	64	—	64	39	4	21
Products of petroleum and coal .....	174	—	174	64	15	95
Chemicals and allied products .....	221	—	221	125	31	65
Miscellaneous industries .....	59	2	61	33	12	16



## Subsection 3. Employment in Manufacturing Industries

**Monthly Record of Employment.** 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 prospect of the season's harvest.

After the setback of 1929, employment in 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 in June, 1929, when 575,693 production workers were on the payrolls, was surpassed in September, 1937, with 582,305 production workers. After the outbreak of war the improvement in employment became increasingly rapid. A record high was reached in August, 1943, when 1,067,890 production workers were em-

ployed, an increase of 96.4 p.c. over the same month in 1939. The highest employment during 1944 occurred in June when 1,049,557 production workers were employed. From then on employment declined steadily to the end of 1945 when 819,619 production workers were reported. At the end of 1951 there were 953,952 production workers employed, compared with an employment of 961,820 production workers in December, 1944, and 1,021,630 in December, 1943.

During the first half of 1952 the number of production workers increased each month, but not to the extent of the employment in the same month of the previous year. From the middle of the year monthly employment figures exceeded those of the previous year. This trend continued to October 1953. The trend for the next two months was downward so that by the end of 1953 there were only 990,611 production workers as compared with 1,018,764 at the end of December 1952.

TABLE 26. Production Workers Employed in the Manufacturing Industries, by Months and Sex, Significant Years, 1922-53

Month	1922	1929	1933	1939	1943	1949	1952	1953
All wage-earners								
January .....	324, 257	502, 644	340, 027	490, 337	1, 023, 261	928, 077	967, 292	1, 018, 989
February .....	336, 729	519, 423	347, 777	496, 160	1, 030, 878	932, 356	980, 127	1, 031, 109
March .....	349, 110	536, 866	355, 888	503, 475	1, 036, 648	937, 714	991, 361	1, 043, 881
April .....	360, 248	555, 711	358, 759	509, 739	1, 033, 748	944, 307	996, 207	1, 051, 578
May .....	382, 504	574, 905	377, 659	530, 864	983, 058	961, 137	1, 021, 676	1, 070, 579
June .....	393, 935	575, 693	392, 196	531, 245	1, 058, 645	973, 324	1, 036, 020	1, 084, 138
July .....	391, 186	573, 554	393, 464	529, 575	1, 056, 975	964, 813	1, 045, 599	1, 086, 881
August .....	389, 511	567, 022	402, 249	543, 605	1, 067, 890	975, 114	1, 068, 927	1, 091, 103
September .....	392, 423	564, 796	410, 954	562, 355	1, 066, 595	970, 324	1, 073, 349	1, 085, 308
October .....	385, 262	553, 338	405, 757	568, 564	1, 053, 486	951, 017	1, 057, 141	1, 052, 831
November .....	378, 992	527, 213	396, 384	563, 117	1, 049, 738	934, 576	1, 045, 315	1, 025, 023
December .....	367, 724	499, 893	380, 612	544, 817	1, 021, 630	906, 851	1, 018, 764	990, 611
Male								
January .....	243, 682	397, 459	257, 445	381, 997	751, 269	716, 005	768, 541	803, 665
February .....	253, 178	410, 865	260, 728	385, 955	755, 181	719, 374	776, 512	811, 579
March .....	263, 849	426, 713	267, 259	391, 623	757, 702	725, 953	786, 795	821, 464
April .....	274, 821	443, 560	271, 348	398, 982	755, 888	732, 906	792, 694	830, 012
May .....	294, 095	459, 783	285, 705	416, 963	764, 158	747, 614	815, 373	846, 684
June .....	304, 395	460, 294	296, 937	417, 975	776, 003	757, 575	825, 509	858, 300
July .....	304, 020	459, 051	300, 329	417, 987	779, 687	750, 579	830, 688	860, 303
August .....	301, 234	449, 721	302, 969	421, 895	777, 733	747, 518	839, 103	853, 998
September .....	298, 918	441, 510	304, 908	431, 509	767, 043	739, 768	836, 483	843, 701
October .....	291, 973	432, 576	301, 315	437, 220	754, 484	725, 853	825, 971	821, 092
November .....	286, 511	412, 114	294, 945	432, 920	753, 211	715, 188	818, 024	801, 482
December .....	277, 854	391, 903	285, 690	422, 538	738, 073	700, 141	804, 069	783, 235
Female								
January .....	80, 575	105, 185	82, 582	108, 340	271, 992	212, 072	198, 751	215, 324
February .....	83, 551	108, 558	87, 049	110, 205	275, 697	212, 982	203, 615	219, 530
March .....	85, 261	110, 153	88, 629	111, 852	278, 946	211, 761	204, 566	222, 417
April .....	85, 427	112, 142	87, 411	110, 757	277, 860	211, 401	203, 513	221, 566
May .....	88, 409	115, 122	91, 954	113, 901	218, 900	213, 523	206, 303	223, 895
June .....	89, 540	115, 399	95, 259	113, 270	282, 642	215, 749	210, 511	225, 838
July .....	87, 166	114, 503	93, 135	111, 588	277, 288	214, 234	214, 911	226, 578
August .....	88, 277	117, 301	99, 280	121, 710	290, 157	227, 596	229, 824	237, 105
September .....	93, 505	123, 286	106, 046	130, 846	299, 552	230, 556	236, 866	241, 607
October .....	93, 289	120, 762	104, 442	131, 344	209, 002	225, 164	231, 170	231, 739
November .....	92, 481	115, 099	101, 439	130, 197	296, 527	219, 388	227, 291	223, 541
December .....	89, 870	107, 990	94, 922	122, 279	283, 557	206, 710	214, 695	207, 376

TABLE 27. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1952 and 1953

Province and month	1952			1953		
	Male	Female	Total	Male	Female	Total
Number						
Newfoundland:						
January .....	6,093	838	6,931	6,578	762	7,340
February .....	6,273	868	7,141	6,321	795	7,116
March .....	6,548	884	7,432	6,638	805	7,443
April .....	6,977	905	7,882	7,298	798	8,096
May .....	7,379	960	8,339	7,813	791	8,604
June .....	7,607	1,094	8,701	7,912	862	8,774
July .....	7,718	1,235	8,953	7,948	943	8,891
August .....	7,529	1,233	8,762	8,071	932	9,003
September .....	7,464	1,197	8,661	8,043	892	8,935
October .....	7,023	1,149	8,172	7,593	880	8,473
November .....	6,717	982	7,699	7,276	871	8,147
December .....	6,352	830	7,182	6,840	705	7,545
Prince Edward Island:						
January .....	649	184	833	748	197	945
February .....	671	135	806	742	160	902
March .....	678	151	829	794	139	933
April .....	846	120	966	996	144	1,140
May .....	1,277	705	1,982	1,351	743	2,094
June .....	1,283	672	1,955	1,219	607	1,826
July .....	1,201	767	1,968	1,157	698	1,855
August .....	1,202	628	1,830	1,203	647	1,850
September .....	1,114	511	1,625	1,039	447	1,486
October .....	986	349	1,335	964	347	1,311
November .....	890	295	1,185	871	305	1,176
December .....	817	216	1,033	678	207	885
Nova Scotia:						
January .....	22,199	3,164	25,363	23,043	3,330	26,373
February .....	22,540	3,233	25,773	22,744	3,184	25,928
March .....	23,176	3,227	26,403	23,223	3,084	26,307
April .....	24,777	3,454	28,231	23,741	3,380	27,121
May .....	26,248	4,125	30,373	24,889	3,959	28,848
June .....	26,826	4,169	30,995	25,606	3,922	29,528
July .....	26,876	4,107	30,983	25,339	3,833	29,172
August .....	26,391	4,154	30,545	24,445	3,910	28,355
September .....	25,702	4,021	29,723	23,754	3,603	27,357
October .....	25,175	4,106	29,281	22,897	3,585	26,482
November .....	24,205	3,804	28,009	21,871	3,486	25,357
December .....	23,282	3,380	26,662	20,977	2,949	23,926
New Brunswick:						
January .....	15,566	3,072	18,638	16,142	2,482	18,624
February .....	15,800	3,029	18,829	16,296	2,426	18,722
March .....	16,138	3,135	19,273	16,865	2,578	19,443
April .....	16,460	2,969	19,429	17,424	2,697	20,121
May .....	17,910	3,625	21,535	18,890	3,868	22,758
June .....	18,804	3,990	22,794	19,572	4,098	23,670
July .....	18,513	3,788	22,301	19,185	4,077	23,262
August .....	18,808	4,260	23,068	18,964	4,593	23,557
September .....	17,938	4,055	21,993	18,156	4,147	22,303
October .....	17,419	3,599	21,018	16,999	3,516	20,515
November .....	16,294	3,262	19,556	15,875	2,829	18,704
December .....	15,462	2,773	18,235	15,008	2,292	17,300
Quebec:						
January .....	241,159	88,270	329,429	250,947	93,929	344,876
February .....	242,721	90,829	333,550	253,867	96,117	349,984
March .....	245,130	91,612	336,742	257,211	97,537	354,748
April .....	246,359	89,934	336,293	262,642	96,828	359,470
May .....	253,931	89,658	343,589	268,505	95,623	364,128
June .....	257,378	88,457	345,835	269,588	93,082	362,670
July .....	262,101	91,544	353,645	269,889	92,838	362,727
August .....	262,893	96,073	358,966	267,977	96,871	364,848
September .....	262,694	99,403	362,097	264,053	98,365	362,418
October .....	259,186	98,498	357,684	258,113	95,578	353,691
November .....	256,957	97,588	354,545	251,643	93,385	345,028
December .....	252,149	93,128	345,277	243,132	87,851	330,983
Ontario:						
January .....	365,547	85,262	450,809	386,155	95,302	481,457
February .....	369,255	86,887	456,142	390,089	97,201	487,290
March .....	372,873	86,592	459,465	393,221	98,458	491,679
April .....	377,731	86,709	464,440	397,415	97,687	495,102
May .....	385,985	87,257	473,242	402,562	98,697	501,259
June .....	391,513	90,429	481,942	407,593	100,849	508,442
July .....	393,195	90,238	483,433	407,416	99,655	507,071
August .....	394,309	99,426	493,735	403,154	105,387	508,541
September .....	395,942	104,540	500,482	400,802	109,589	510,391
October .....	390,942	101,027	491,969	391,269	105,431	496,700
November .....	388,734	100,521	489,255	383,022	102,168	485,190
December .....	385,041	95,463	480,504	378,308	95,055	473,363

TABLE 27. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1952 and 1953 - Concluded

Province and month	1952			1953		
	Male	Female	Total	Male	Female	Total
Number						
Manitoba:						
January .....	26,147	7,314	33,461	27,101	8,097	35,198
February .....	26,187	7,461	33,648	27,170	8,189	35,359
March .....	26,731	7,663	34,394	27,229	8,154	35,383
April .....	26,855	7,686	34,541	27,055	8,119	35,174
May .....	27,356	7,862	35,218	27,456	7,915	35,371
June .....	27,670	8,033	35,703	28,052	8,273	36,325
July .....	28,032	8,185	36,217	28,496	8,352	36,848
August .....	27,901	8,357	36,258	28,406	8,385	36,791
September .....	28,096	8,407	36,503	28,138	8,431	36,569
October .....	28,121	8,446	36,567	27,026	8,052	35,078
November .....	28,050	8,226	36,276	26,756	7,590	34,346
December .....	27,411	7,597	35,008	26,518	7,257	33,775
Saskatchewan:						
January .....	6,776	892	7,668	7,184	907	8,091
February .....	6,926	909	7,835	7,411	913	8,324
March .....	7,019	916	7,935	7,534	911	8,445
April .....	6,933	979	7,912	7,415	973	8,388
May .....	7,119	1,063	8,182	7,320	1,015	8,335
June .....	7,297	1,118	8,415	7,537	1,059	8,596
July .....	7,466	1,092	8,558	7,751	1,080	8,831
August .....	7,423	1,096	8,519	7,633	1,050	8,683
September .....	7,152	1,057	8,209	7,382	1,015	8,397
October .....	7,279	1,031	8,310	7,395	1,006	8,401
November .....	7,320	1,034	8,354	7,412	986	8,398
December .....	7,125	990	8,115	7,266	951	8,217
Alberta:						
January .....	21,674	2,899	24,573	23,605	3,327	26,932
February .....	22,216	3,056	25,272	23,555	3,372	26,927
March .....	22,246	3,046	25,292	23,520	3,411	26,931
April .....	19,286	3,072	22,358	20,338	3,357	23,695
May .....	19,857	3,318	23,175	20,410	3,427	23,837
June .....	20,790	3,475	24,265	21,259	3,583	24,842
July .....	21,450	3,761	25,211	21,795	3,784	25,579
August .....	21,350	3,836	25,186	21,866	3,574	25,440
September .....	20,945	3,645	24,590	21,879	3,927	25,806
October .....	21,319	3,595	24,914	21,863	3,522	25,385
November .....	22,755	3,509	26,264	22,845	3,494	26,339
December .....	23,264	3,374	26,638	23,625	2,997	26,622
British Columbia:						
January .....	62,670	6,852	69,522	62,101	6,984	69,085
February .....	63,843	7,198	71,041	63,301	7,160	70,461
March .....	66,170	7,328	73,498	65,135	7,325	72,460
April .....	66,381	7,672	74,053	65,592	7,566	73,158
May .....	68,194	7,716	75,910	67,358	7,840	75,198
June .....	66,191	9,060	75,251	69,805	9,486	79,291
July .....	63,974	10,179	74,153	71,159	11,298	82,457
August .....	71,150	10,743	81,893	72,124	11,736	83,860
September .....	69,282	10,016	79,298	70,335	11,174	81,509
October .....	68,407	9,358	77,765	66,880	9,807	76,687
November .....	66,016	8,059	74,075	63,841	8,411	72,252
December .....	63,098	6,939	70,037	60,825	7,098	67,923
Yukon and Northwest Territories:						
January .....	61	4	65	61	7	68
February .....	80	10	90	83	13	96
March .....	86	12	98	94	15	109
April .....	89	13	102	96	17	113
May .....	117	14	131	130	17	147
June .....	150	14	164	157	17	174
July .....	162	15	177	168	20	188
August .....	147	18	165	155	20	175
September .....	154	14	168	120	17	137
October .....	114	12	126	93	15	108
November .....	86	11	97	70	16	86
December .....	68	5	73	58	14	72

TABLE 28. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1952 and 1953

Group and month	1952			1953		
	Male	Female	Total	Male	Female	Total
	Number					
<b>Foods and beverages:</b>						
January .....	94,755	28,607	123,362	95,000	28,696	123,696
February .....	93,756	28,773	122,529	94,239	28,804	123,043
March .....	94,580	28,769	123,349	95,404	29,142	124,546
April .....	98,032	29,733	127,765	99,408	30,145	129,553
May .....	104,752	33,136	137,888	104,880	34,448	139,328
June .....	110,602	37,299	147,901	111,017	38,478	149,495
July .....	115,617	40,456	156,073	110,866	41,738	152,604
August .....	115,994	47,928	163,922	116,854	48,168	165,022
September .....	114,944	48,880	163,824	114,809	48,937	163,746
October .....	109,230	40,349	149,579	109,170	41,188	150,358
November .....	104,815	35,460	140,275	104,891	36,726	141,617
December .....	98,814	30,236	129,050	99,309	29,978	129,287
<b>Tobacco and tobacco products:</b>						
January .....	4,080	5,415	9,495	3,758	5,440	9,198
February .....	3,943	5,162	9,105	3,699	5,459	9,158
March .....	3,075	4,568	7,643	3,393	5,562	8,955
April .....	2,677	4,039	6,716	2,696	4,433	7,129
May .....	2,674	4,437	7,111	2,696	4,613	7,309
June .....	2,747	4,716	7,463	2,710	4,605	7,315
July .....	2,777	4,728	7,505	2,705	4,596	7,301
August .....	2,740	4,659	7,399	2,809	4,769	7,578
September .....	2,805	4,351	7,156	3,034	5,053	8,087
October .....	2,728	4,335	7,063	2,832	4,819	7,651
November .....	3,287	5,190	8,477	3,254	5,603	8,857
December .....	3,776	5,432	9,208	3,993	5,953	9,946
<b>Rubber products:</b>						
January .....	12,282	3,615	15,897	12,972	4,104	17,076
February .....	12,356	3,683	16,039	13,117	4,265	17,382
March .....	12,419	3,644	16,063	13,124	4,211	17,335
April .....	12,496	3,679	16,175	13,009	4,087	17,096
May .....	12,563	3,665	16,228	12,993	4,064	17,057
June .....	11,455	3,576	15,031	13,096	4,090	17,186
July .....	11,650	3,774	15,424	13,098	4,214	17,312
August .....	11,797	4,131	15,928	13,317	4,329	17,646
September .....	11,924	4,247	16,171	13,254	4,384	17,638
October .....	13,282	4,511	17,793	12,779	4,083	16,862
November .....	13,073	4,219	17,292	12,382	3,738	16,120
December .....	12,957	4,051	17,008	12,153	3,524	15,677
<b>Leather products:</b>						
January .....	14,840	10,922	25,762	16,421	12,664	29,085
February .....	15,352	11,454	26,806	16,845	13,058	29,903
March .....	15,557	11,758	27,315	16,833	13,309	30,142
April .....	15,435	11,654	27,089	16,719	13,194	29,913
May .....	15,440	11,577	27,017	16,465	12,885	29,350
June .....	15,585	11,525	27,110	16,253	12,608	28,861
July .....	15,766	11,810	27,576	16,158	12,450	28,608
August .....	16,223	12,386	28,609	16,205	12,628	28,833
September .....	16,455	12,636	29,091	16,021	12,503	28,524
October .....	16,483	12,590	29,073	15,681	11,993	27,674
November .....	16,703	12,744	29,447	15,725	12,102	27,827
December .....	16,294	12,334	28,628	15,415	11,626	27,041
<b>Textile products (except clothing):</b>						
January .....	39,602	22,725	62,327	41,026	23,957	64,983
February .....	39,830	22,830	62,660	41,482	23,861	65,343
March .....	38,975	22,805	61,780	41,566	23,948	65,514
April .....	35,579	20,561	56,140	41,026	23,681	64,707
May .....	35,514	20,369	55,883	39,938	23,289	63,227
June .....	35,213	20,399	55,612	38,479	22,531	61,010
July .....	38,369	22,275	60,644	38,296	22,200	60,496
August .....	38,814	22,883	61,697	38,260	22,456	60,716
September .....	39,897	23,740	63,637	38,043	22,613	60,656
October .....	40,374	24,032	64,406	37,306	22,278	59,584
November .....	40,519	24,472	64,991	36,058	21,448	57,506
December .....	40,483	23,956	64,439	34,171	19,965	54,136
<b>Clothing:</b>						
January .....	22,898	52,798	75,696	24,545	59,161	83,706
February .....	23,968	55,806	79,774	25,136	61,213	86,349
March .....	24,389	57,399	81,788	25,226	61,642	86,868
April .....	24,175	57,946	82,121	24,734	60,892	85,626
May .....	23,696	57,185	80,881	23,896	59,207	83,103
June .....	23,716	55,885	79,601	23,892	57,525	81,417
July .....	24,177	54,813	78,990	24,497	55,971	80,468
August .....	24,704	57,949	82,653	24,717	57,975	82,692
September .....	24,992	60,225	85,217	24,586	60,053	84,639
October .....	24,903	60,728	85,631	23,852	58,698	82,550
November .....	24,288	59,800	84,088	22,997	56,630	79,627
December .....	23,802	56,313	80,115	22,293	52,899	75,192



TABLE 28. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1952 and 1953 - Continued

Group and Month	1952			1953		
	Male	Female	Total	Male	Female	Total
	Number					
Knitting mills:						
January .....	7,101	13,108	20,209	7,381	14,270	21,651
February .....	7,168	13,319	20,487	7,441	14,627	22,068
March .....	6,866	13,102	19,968	7,488	14,896	22,384
April .....	6,841	13,005	19,846	7,518	14,854	22,372
May .....	6,709	12,602	19,317	7,260	14,351	21,611
June .....	6,696	12,539	19,235	7,240	14,094	21,334
July .....	6,635	12,440	19,075	7,149	13,782	20,931
August .....	7,069	13,306	20,315	7,296	14,187	21,483
September .....	7,216	13,960	21,176	7,239	14,258	21,497
October .....	7,374	14,439	21,813	7,202	14,318	21,520
November .....	7,420	14,651	22,071	7,078	13,877	20,955
December .....	7,190	13,899	21,089	6,808	13,163	19,971
Wood products:						
January .....	90,187	4,779	94,966	94,867	5,370	100,237
February .....	93,480	4,945	98,425	97,940	5,502	103,442
March .....	98,937	5,037	103,974	102,102	5,579	107,681
April .....	99,665	4,944	104,609	105,393	5,545	110,938
May .....	109,324	5,234	114,558	114,160	5,710	119,870
June .....	109,857	5,401	115,258	118,083	5,725	123,808
July .....	105,145	5,316	110,461	114,675	5,668	120,343
August .....	110,355	5,416	115,771	111,343	5,721	117,064
September .....	106,546	5,483	112,029	105,614	5,607	111,221
October .....	102,326	5,400	107,726	98,276	5,458	103,734
November .....	96,730	5,346	102,076	91,562	5,239	96,801
December .....	93,347	5,165	98,512	88,556	5,040	93,596
Paper products:						
January .....	59,569	8,140	67,709	58,278	7,820	66,098
February .....	59,587	8,144	67,731	58,243	7,986	66,229
March .....	59,020	7,912	66,932	58,590	8,087	66,677
April .....	59,325	7,836	67,161	59,334	8,122	67,456
May .....	60,309	7,791	68,100	61,506	8,191	69,697
June .....	61,783	7,793	69,576	63,511	8,369	71,880
July .....	62,206	7,923	70,129	64,363	8,319	72,682
August .....	62,078	8,106	70,184	64,690	8,474	73,164
September .....	61,571	8,293	69,864	63,982	8,586	72,568
October .....	60,505	8,492	68,997	62,628	8,633	71,261
November .....	58,880	8,457	67,337	61,527	8,526	70,053
December .....	58,110	8,201	66,311	60,901	8,317	69,218
Printing, publishing and allied industries:						
January .....	31,367	8,742	40,109	31,264	8,651	39,915
February .....	31,084	8,518	39,602	31,394	8,393	39,787
March .....	31,077	8,197	39,274	31,540	8,410	39,950
April .....	31,238	8,318	39,556	31,661	8,478	40,139
May .....	31,244	8,332	39,576	31,778	8,446	40,224
June .....	31,495	8,521	40,016	32,015	8,666	40,681
July .....	31,455	8,707	40,162	32,249	8,790	41,039
August .....	31,141	8,465	39,606	32,054	8,665	40,719
September .....	31,293	8,722	40,015	32,232	8,866	41,098
October .....	31,346	8,922	40,268	32,418	9,159	41,577
November .....	31,499	8,912	40,411	32,580	9,190	41,770
December .....	31,382	8,501	39,883	32,363	8,877	41,240
Iron and steel products:						
January .....	142,009	6,817	148,826	143,505	7,342	150,847
February .....	143,460	6,777	150,237	143,645	7,400	151,045
March .....	143,978	6,794	150,772	143,290	7,440	150,730
April .....	143,904	6,861	150,765	142,986	7,484	150,470
May .....	145,080	6,924	152,004	142,600	7,615	150,215
June .....	145,420	6,963	152,383	144,371	7,656	152,027
July .....	145,838	7,025	152,863	143,860	7,534	151,394
August .....	145,476	7,170	152,646	142,629	7,619	150,248
September .....	145,623	7,337	152,960	142,273	7,462	149,735
October .....	145,323	7,392	152,715	139,538	7,488	147,026
November .....	146,293	7,485	153,778	137,147	7,399	144,546
December .....	145,150	7,343	152,493	132,972	7,176	140,148
Transportation equipment:						
January .....	107,385	3,783	111,168	124,659	4,068	128,727
February .....	110,307	4,019	114,326	127,671	4,269	131,940
March .....	114,150	4,238	118,388	130,850	4,425	135,275
April .....	118,134	4,399	122,533	130,926	4,533	135,459
May .....	119,823	4,289	124,112	130,894	4,547	135,441
June .....	120,678	4,424	125,102	128,001	4,490	132,491
July .....	118,626	4,093	122,719	126,551	4,462	131,013
August .....	118,868	4,247	123,115	123,225	4,061	127,286
September .....	119,229	4,304	123,533	121,832	4,016	125,848
October .....	118,499	4,266	122,765	119,767	3,861	123,628
November .....	121,562	4,387	125,949	117,877	3,952	121,829
December .....	121,618	4,503	126,121	119,175	3,971	123,146

TABLE 28. Production Workers Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1952 and 1953 - Concluded

Group and month	1952			1953		
	Male	Female	Total	Male	Female	Total
	Number					
Non-ferrous metal products:						
January .....	36,472	2,944	39,416	37,916	3,179	41,095
February .....	36,408	3,039	39,447	38,056	3,254	41,310
March .....	36,607	3,031	39,638	38,100	3,306	41,406
April .....	36,434	3,017	39,451	38,224	3,297	41,521
May .....	36,991	3,032	40,023	38,479	3,257	41,736
June .....	37,053	3,095	40,148	38,769	3,175	41,944
July .....	37,690	3,201	40,891	38,749	3,223	41,972
August .....	38,146	3,423	41,569	38,819	3,338	42,157
September .....	38,527	3,564	42,091	38,871	3,438	42,309
October .....	38,494	3,725	42,219	38,580	3,474	42,054
November .....	38,361	3,719	42,080	38,274	3,406	41,680
December .....	38,163	3,518	41,681	37,560	3,181	40,741
Electrical apparatus and supplies:						
January .....	34,926	11,385	46,311	37,849	14,431	52,280
February .....	34,992	11,693	46,685	38,285	14,865	53,150
March .....	35,377	11,684	47,061	38,397	15,212	53,609
April .....	35,193	11,663	46,856	38,901	15,407	54,308
May .....	35,897	11,763	47,660	39,118	15,582	54,700
June .....	36,823	12,265	49,088	39,251	15,911	55,162
July .....	37,473	12,304	49,777	38,821	15,867	54,688
August .....	37,873	13,185	51,058	38,914	16,523	55,437
September .....	38,171	13,825	51,996	39,424	17,140	56,564
October .....	38,610	14,256	52,866	39,055	17,501	56,556
November .....	38,753	14,708	53,461	38,954	17,361	56,315
December .....	38,293	14,605	52,898	38,472	16,394	54,866
Non-metallic mineral products:						
January .....	22,032	1,816	23,848	23,464	1,991	25,455
February .....	21,831	1,869	23,700	23,559	2,013	25,572
March .....	22,305	1,900	24,205	24,162	2,084	26,246
April .....	23,379	1,921	25,300	25,160	2,156	27,316
May .....	24,511	1,976	26,487	26,527	2,228	28,755
June .....	25,277	2,003	27,280	27,452	2,344	29,796
July .....	25,702	2,014	27,716	27,831	2,342	30,173
August .....	25,933	1,975	27,908	28,012	2,376	30,388
September .....	25,522	2,019	27,541	27,402	2,298	29,700
October .....	25,097	2,015	27,112	27,045	2,240	29,285
November .....	24,440	1,990	26,430	26,582	2,162	28,744
December .....	23,826	1,954	25,780	25,535	2,058	27,593
Products of petroleum and coal:						
January .....	10,698	75	10,773	11,097	66	11,163
February .....	10,698	77	10,775	11,053	69	11,122
March .....	10,943	82	11,025	11,090	74	11,164
April .....	11,008	83	11,091	11,316	77	11,393
May .....	11,259	85	11,344	11,626	68	11,694
June .....	11,440	91	11,531	11,764	65	11,829
July .....	11,564	90	11,654	11,792	69	11,861
August .....	11,680	94	11,774	11,750	72	11,822
September .....	11,496	91	11,587	11,538	71	11,609
October .....	11,292	83	11,375	11,335	65	11,400
November .....	11,231	83	11,314	11,240	61	11,301
December .....	11,104	79	11,183	11,117	63	11,180
Chemicals and allied products:						
January .....	25,108	5,322	30,430	25,443	5,459	30,902
February .....	24,979	5,423	30,402	25,402	5,645	31,047
March .....	25,085	5,474	30,559	25,662	5,840	31,502
April .....	25,510	5,597	31,107	26,032	5,781	31,813
May .....	25,805	5,660	31,465	26,706	5,840	32,546
June .....	25,664	5,720	31,384	27,059	5,911	32,970
July .....	25,837	5,595	31,432	27,304	5,910	33,214
August .....	25,874	5,693	31,567	27,490	6,060	33,550
September .....	25,775	5,811	31,586	27,696	6,278	33,974
October .....	25,511	5,845	31,356	27,692	6,235	33,927
November .....	25,593	5,867	31,460	27,646	6,212	33,858
December .....	25,421	5,604	31,025	27,230	6,058	33,288
Miscellaneous industries:						
January .....	13,230	7,758	20,988	14,220	8,661	22,881
February .....	13,313	8,084	21,397	14,372	8,847	23,219
March .....	13,455	8,172	21,627	14,647	9,250	23,897
April .....	13,669	8,257	21,926	14,969	9,400	24,369
May .....	13,782	8,240	22,022	15,162	9,554	24,716
June .....	14,005	8,296	22,301	15,337	9,595	24,932
July .....	14,161	8,347	22,508	15,339	9,443	24,782
August .....	14,398	8,808	23,206	15,614	9,744	25,358
September .....	14,497	9,378	23,875	15,851	10,044	25,895
October .....	14,594	9,790	24,384	15,936	10,248	26,184
November .....	14,577	9,801	24,378	15,708	9,909	25,617
December .....	14,339	9,001	23,340	15,212	9,133	24,345

### Subsection 4. Hours Worked in Manufacturing Industries

**Hours Worked by Production Workers.** From 1932, the first year for which figures on hours worked per week by production workers are available, to 1945, each firm was required to report the number of hours worked by all its production workers during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Table 29 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent 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 more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all production workers, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of the increase no doubt being due to the inclusion of overtime. Since then there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of male and 5.3 p.c. of female production workers working under 30 hours per week, in 1944 these percentages rose to 5.3 and 12.5 respectively. Since the end of the war the normal working week has been dropping steadily. In 1945 average hours per week for male production workers totalled 47.6 and for females 42.7.

The method of collecting statistics on hours worked was changed in 1946. Instead of collecting this information for one week in the month of highest employment which varied

from plant to plant, the last week of November was chosen for the base period. For 1948 and subsequent years the period was changed to the last week in October. The question on hours worked was taken out of the annual schedules used in connection with the census of manufactures and this information is now collected by the Employment Statistics Section. Establishments employing 15 hands or over only are covered. The statistics for 1946 to 1953 are, therefore, not exactly comparable with those for earlier years which include all establishments, both large and small.

On the above basis, the hours worked per week declined for all workers engaged in manufacturing. The hours of male production workers dropped from 44.9 in 1946 to 42.6 in 1953, female production workers from 40.0 to 38.5, male office employees from 42.0 to 39.5 and female office employees from 39.5 to 37.9.

Persons employed in 1950 and 1953 were classified on the basis of earnings per week instead of hours worked. For this reason the distribution of employees by hours worked per week is not available for these years. It is the intention in future to classify employees one year on the basis of hours worked, the second year on the basis of weekly earnings, while in the third year no break-down of either the hours worked or weekly earnings will be collected. Instead a more detailed break-down of salaried employees into (a) managerial and professional and (b) office workers will be requested.

Supervisory and office employees as a rule work shorter hours than production workers as the following figures for 1953 indicate.

	Production Workers	Supervisory and Office Employees
Both sexes .....	41.7	39.0
Male .....	42.6	39.5
Female .....	38.5	37.9

**TABLE 29. Production Workers in Manufacturing, Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-45<sup>1</sup>**

Note. Hours worked per week in 1932-37 are given at p. 396 of the 1942 edition of the Canada Year Book; in 1940 at p. 386 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1942	1943	1944	1945
p.c.						
<b>All Production Workers:</b>						
30 or less.....	4.1	3.4	4.3	6.2	7.4	7.4
31-43.....	16.9	14.6	8.6	10.7	12.7	16.2
44.....	14.3	13.8	7.7	7.4	9.5	12.1
45-47.....	11.3	10.9	7.0	8.3	9.1	10.8
48.....	20.7	22.2	21.4	20.5	20.6	21.4
49-50.....	10.6	11.2	9.2	9.6	9.8	9.8
51-54.....	6.7	7.9	12.9	12.5	10.8	8.4
55.....	3.5	4.1	5.6	5.2	4.4	3.2
56-64.....	10.4	10.4	16.9	14.6	11.8	7.6
65 or over.....	1.5	1.5	6.4	5.0	3.9	3.1
	100.0	100.0	100.0	100.0	100.0	100.0
<b>Average hours per week.....</b>	<b>46.7</b>	<b>47.2</b>	<b>50.2</b>	<b>48.8</b>	<b>47.5</b>	<b>46.2</b>
<b>Male Production Workers:</b>						
30 or less.....	3.4	2.8	3.6	4.6	5.3	5.4
31-43.....	16.6	14.2	7.0	7.9	9.8	13.1
44.....	13.1	12.7	6.9	6.2	9.0	11.7
45-47.....	10.5	10.0	5.6	7.2	7.9	9.8
48.....	21.3	22.8	21.7	21.5	21.5	22.9
49-50.....	10.0	10.6	8.4	8.8	9.5	10.0
51-54.....	7.4	8.2	12.6	13.2	11.9	9.5
55.....	3.6	4.4	5.8	5.7	5.0	3.8
56-64.....	12.3	12.5	20.4	18.3	15.1	9.7
65 or over.....	1.8	1.8	8.0	6.6	5.0	4.1
	100.0	100.0	100.0	100.0	100.0	100.0
<b>Average hours per week.....</b>	<b>47.3</b>	<b>48.1</b>	<b>51.3</b>	<b>50.4</b>	<b>49.1</b>	<b>47.6</b>
<b>Female Production Workers:</b>						
30 or less.....	6.7	5.3	6.2	10.0	12.5	12.3
31-43.....	17.9	15.8	13.0	17.6	20.1	23.8
44.....	18.3	17.8	9.9	10.3	10.8	13.2
45-47.....	14.2	13.9	11.1	11.2	12.2	13.2
48.....	18.8	20.4	20.8	18.2	18.4	17.7
49-50.....	12.6	13.2	11.5	11.6	10.5	9.1
51-54.....	4.5	6.6	13.5	10.7	8.2	5.7
55.....	3.1	3.5	4.9	4.0	2.9	1.9
56-64.....	3.5	3.2	7.2	5.3	3.4	2.4
65 or over.....	.4	.3	1.9	1.1	1.0	.7
	100.0	100.0	100.0	100.0	100.0	100.0
<b>Average hours per week.....</b>	<b>44.6</b>	<b>45.2</b>	<b>46.9</b>	<b>44.8</b>	<b>43.6</b>	<b>42.7</b>

1. For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

**TABLE 30. Production Workers in Manufacturing Working Specified Numbers of Hours During the Last Week in October, 1946-52<sup>1</sup>**

Hours Worked per Week	1946 <sup>2</sup>	1947 <sup>2</sup>	1948	1949	1952
	p.c.				
All Production Workers:					
30 or less .....	6.7	6.7	6.1	6.3	6.1
31-34 .....	10.8	2.9	3.0	3.1	3.5
35-39 .....	9.9	7.8	8.4	8.5	8.1
40 .....	11.5	12.2	13.2	15.3	25.9
41-43 .....	10.3	10.6	10.9	11.1	11.9
44 .....	18.2	8.5	9.3	8.6	6.6
45-47 .....	13.7	18.7	18.9	18.8	13.9
48 .....	6.6	12.9	11.8	10.7	7.6
49-50 .....	5.4	6.5	6.1	5.7	5.0
51-53 .....	6.0	4.3	4.0	3.9	3.6
54 .....	1.3	1.3	1.3	1.2	1.3
55-64 .....	6.0	6.5	6.0	5.9	5.5
65 or over .....	0.9	1.1	1.0	0.9	1.0
	100.0	100.0	100.0	100.0	100.0
Average hours per week .....	43.7	43.7	43.6	43.3	42.6
Male Production Workers:					
30 or less .....	4.7	4.6	4.4	4.3	4.6
31-34 .....	8.0	2.1	2.2	2.3	2.9
35-39 .....	9.6	6.1	6.4	6.7	6.6
40 .....	10.6	11.9	12.9	15.5	27.3
41-43 .....	10.7	9.2	9.9	10.4	11.3
44 .....	18.8	8.7	9.7	8.8	6.4
45-47 .....	15.8	19.7	19.4	19.2	13.9
48 .....	7.1	15.0	13.9	12.5	8.5
49-50 .....	6.3	7.0	6.6	6.3	5.4
51-53 .....	7.3	4.9	4.6	4.4	3.9
54 .....	1.1	1.6	1.5	1.3	1.5
55-64 .....	7.3	7.8	7.3	7.1	6.5
65 or over .....	1.1	1.4	1.2	1.2	1.2
	100.0	100.0	100.0	100.0	100.0
Average hours per week .....	44.9	44.9	44.7	44.4	43.4
Female Production Workers:					
30 or less .....	13.1	13.7	12.2	12.8	11.9
31-34 .....	19.7	5.5	5.6	5.8	5.9
35-39 .....	10.8	13.6	15.0	14.6	13.5
40 .....	14.6	13.4	14.1	14.8	20.9
41-43 .....	8.9	15.0	14.5	13.3	13.9
44 .....	16.1	7.8	7.9	7.9	7.4
45-47 .....	7.1	15.9	17.4	17.5	14.2
48 .....	5.0	5.7	5.1	4.5	3.9
49-50 .....	2.5	4.9	4.1	3.9	3.3
51-53 .....	2.1	2.0	2.0	2.3	2.4
54 .....	0.1	0.5	0.5	0.5	0.6
55-64 .....	0.1	1.9	1.5	2.0	1.9
65 or over .....	0.1	0.1	0.1	0.1	0.2
	100.0	100.0	100.0	100.0	100.0
Average hours per week .....	40.0	39.7	39.8	39.8	39.6

1. Includes only establishments employing 15 hands or over. Information not collected in 1950, 1951 and 1953.

2. Last week in November.

**TABLE 31. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Provinces, 1946-53<sup>1</sup>**  
(Hours worked by wage-earners from 1938 to 1945 are given on page 53 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	Production workers			Supervisory and office employees		
	Both sexes	Male	Female	Both sexes	Male	Female
	Number					
Canada:						
1946 .....	43.7	44.9	40.0	41.1	42.0	39.5
1947 .....	43.7	44.9	39.7	40.4	41.2	38.9
1948 .....	43.6	44.7	39.8	40.3	41.1	38.8
1949 .....	43.3	44.4	39.8	40.1	40.8	38.6
1950 .....	43.5	44.6	40.0	39.7	40.2	38.4
1951 .....	42.0	43.0	37.9	39.5	40.0	38.2
1952 .....	42.6	43.4	39.6	39.4	39.9	38.0
1953 .....	41.7	42.6	38.5	39.0	39.5	37.9
Newfoundland						
1950 .....	46.9	47.7	41.9	42.6	43.5	39.9
1951 .....	45.5	46.1	40.5	43.0	43.3	42.0
1952 .....	44.1	44.6	40.2	42.7	43.0	41.3
1953 .....	43.2	43.8	37.4	41.8	42.0	41.0



**TABLE 31. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Provinces, 1946-53<sup>1</sup> - Concluded**  
(Hours worked by wage-earners from 1938 to 1945 are given on page 53 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	Production workers			Supervisory and office employees		
	Both sexes	Male	Female	Both sexes	Male	Female
	Number					
Prince Edward Island:						
1946	46.3	46.9	45.0	—	—	—
1947	45.3	47.0	40.3	—	—	—
1948	45.8	46.7	42.6	—	—	—
1949	47.7	48.1	46.8	—	—	—
1950	44.0	46.0	39.2	41.0	41.0	41.1
1951	45.9	46.4	44.4	43.4	44.3	41.3
1952	45.2	46.1	40.9	41.3	41.7	40.6
1953	45.8	46.2	44.6	40.5	41.0	39.7
Nova Scotia						
1946	45.7	46.0	43.6	43.1	44.1	40.7
1947	45.8	46.2	43.4	41.9	42.6	40.0
1948	45.8	46.0	44.5	41.7	42.4	39.9
1949	44.5	44.8	42.6	40.5	40.9	39.6
1950	44.8	45.0	43.7	40.8	41.0	40.1
1951	43.3	43.4	42.9	41.7	42.3	40.2
1952	42.4	42.4	42.5	42.3	43.2	39.8
1953	41.6	41.7	41.2	40.5	40.9	39.2
New Brunswick:						
1946	46.0	46.7	42.9	43.2	44.3	40.9
1947	45.4	46.6	40.3	43.6	44.6	41.2
1948	46.1	47.0	41.9	42.7	43.8	40.4
1949	45.4	46.9	41.3	42.8	43.8	40.6
1950	45.0	46.3	39.3	42.0	43.0	39.6
1951	44.3	45.5	39.1	41.8	42.6	40.1
1952	44.1	44.8	40.8	41.5	42.2	39.5
1953	42.7	43.8	37.0	40.9	41.1	40.6
Quebec:						
1946	45.4	47.1	41.2	41.5	42.5	39.6
1947	45.4	47.1	40.7	40.6	41.3	39.1
1948	45.2	46.8	40.9	40.6	41.4	39.0
1949	44.5	46.3	40.2	40.4	41.1	38.8
1950	44.9	46.7	40.6	39.8	40.5	38.4
1951	43.0	44.8	37.8	39.7	40.3	38.1
1952	44.0	45.5	40.1	39.5	40.0	38.2
1953	42.8	44.4	38.5	39.2	39.7	37.9
Ontario:						
1946	42.8	44.0	38.8	40.5	41.3	39.2
1947	43.0	44.2	38.8	40.0	40.8	38.6
1948	42.9	43.9	38.9	39.8	40.6	38.4
1949	42.8	43.8	39.4	39.7	40.4	38.3
1950	43.0	44.0	39.5	39.3	39.8	38.1
1951	41.6	42.4	37.9	39.0	39.5	37.9
1952	42.1	42.8	39.3	39.0	39.6	37.7
1953	41.4	42.0	38.7	38.7	39.2	37.6
Manitoba:						
1946	42.8	43.8	39.6	42.7	43.3	41.1
1947	43.4	44.5	39.7	41.7	42.2	40.4
1948	43.1	44.1	39.6	41.8	42.5	40.4
1949	43.4	44.5	39.7	41.3	41.9	39.9
1950	43.6	44.6	40.0	40.9	41.3	39.8
1951	41.6	42.4	38.4	40.3	40.5	39.6
1952	41.6	42.2	39.7	39.9	40.4	38.5
1953	40.9	41.7	37.9	39.9	40.2	38.8
Saskatchewan:						
1946	44.0	44.3	41.2	42.9	43.7	41.3
1947	43.3	43.8	40.3	42.1	43.0	41.0
1948	43.0	43.6	39.0	41.9	42.4	41.1
1949	42.4	42.9	39.2	42.2	42.7	41.1
1950	42.4	42.8	39.1	42.1	42.5	41.3
1951	41.4	41.8	38.6	41.3	41.6	40.9
1952	41.4	41.8	38.9	41.5	42.0	40.3
1953	41.2	41.6	37.8	40.7	41.3	39.4
Alberta:						
1946	43.2	43.5	41.6	42.9	43.6	41.5
1947	43.7	44.1	41.8	42.4	43.0	41.0
1948	43.3	43.8	40.7	42.5	43.2	40.7
1949	43.5	43.9	40.7	42.2	42.8	40.6
1950	42.6	43.0	39.7	41.3	41.7	39.8
1951	41.3	41.6	38.6	41.3	41.6	40.3
1952	41.4	42.0	38.2	40.5	40.9	39.4
1953	41.2	41.7	38.1	40.0	40.4	38.8
British Columbia:						
1946	41.2	41.5	39.2	41.9	42.4	40.6
1947	40.4	40.4	38.4	40.6	41.0	39.7
1948	40.3	40.6	38.0	40.6	41.0	39.5
1949	40.1	40.5	37.2	40.4	40.7	39.6
1950	40.2	40.5	37.8	39.9	40.2	39.0
1951	39.1	39.5	35.9	40.0	40.2	39.1
1952	39.3	39.7	36.2	39.6	40.0	38.3
1953	39.5	39.8	36.4	39.4	39.7	38.4

1. Prior to 1946 the figures refer to the week of highest employment and cover all establishments while for 1946 and 1947 they refer to the last week in November and for 1948 to 1953 the last week in October for establishments employing 15 hands and over only.

TABLE 32. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Industrial Group, 1946-53

Group and year	Production workers			Supervisory and office employees		
	Both sexes	Male	Female	Both sexes	Male	Female
	Number					
<b>Foods and beverages:</b>						
1946	43.9	45.7	38.8	42.2	43.2	40.3
1947	44.1	46.1	38.6	41.2	42.0	39.7
1948	44.0	45.9	38.8	41.4	42.4	39.4
1949	44.3	46.2	39.4	41.2	42.1	39.4
1950	43.8	45.7	39.0	40.9	41.5	39.3
1951	43.4	45.0	39.0	40.5	41.1	39.1
1952	43.1	44.7	39.1	40.5	41.1	38.7
1953	42.6	44.1	38.8	40.0	40.6	38.4
<b>Tobacco and tobacco products:</b>						
1946	42.9	45.6	41.4	41.3	42.1	40.4
1947	42.1	44.8	40.6	41.1	41.1	39.2
1948	42.5	45.0	41.2	40.2	40.8	39.3
1949	43.6	45.6	42.6	40.0	40.5	39.2
1950	41.5	43.0	40.7	38.4	38.6	37.9
1951	41.5	43.8	40.0	37.3	37.5	36.8
1952	40.8	42.6	39.7	37.5	37.7	37.2
1953	40.5	41.8	39.7	37.3	37.4	37.2
<b>Rubber products:</b>						
1946	44.8	45.6	42.3	40.4	40.9	39.2
1947	43.7	44.3	41.8	39.3	39.7	38.4
1948	43.4	44.3	40.8	39.2	39.7	38.2
1949	42.3	42.8	40.9	39.2	39.7	38.2
1950	43.6	44.2	41.8	39.6	40.1	38.5
1951	41.4	42.0	39.5	38.3	38.4	38.0
1952	42.3	42.8	40.6	38.7	39.1	37.9
1953	41.4	42.3	38.6	38.9	39.1	38.2
<b>Leather products:</b>						
1946	42.5	43.9	40.6	43.1	44.5	40.3
1947	41.0	42.2	39.2	41.9	43.2	39.1
1948	41.0	42.0	39.5	41.4	42.5	39.2
1949	40.1	41.3	38.4	41.5	42.6	39.2
1950	40.4	41.8	38.6	41.2	42.2	39.2
1951	37.6	38.7	36.0	40.2	41.2	38.1
1952	41.0	42.2	39.4	40.4	41.2	38.4
1953	38.5	39.9	36.7	39.8	40.6	37.9
<b>Textile products (except clothing):</b>						
1946	43.8	46.6	41.3	41.5	42.6	39.4
1947	44.5	46.5	41.6	41.2	42.1	39.4
1948	44.4	46.4	41.5	41.0	42.1	39.2
1949	44.6	46.4	41.8	41.0	41.9	39.2
1950	44.7	46.3	42.1	40.2	40.9	38.7
1951	40.4	42.0	37.7	39.8	40.5	38.4
1952	43.5	44.7	41.2	39.4	40.0	38.3
1953	41.1	42.3	38.9	39.7	40.5	38.1
<b>Clothing (textile and fur):</b>						
1946	41.0	44.8	38.7	41.5	42.7	39.8
1947	39.7	42.9	38.4	40.8	42.0	39.2
1948	40.1	42.6	39.0	40.9	42.2	39.4
1949	39.2	41.6	38.2	40.6	41.7	39.1
1950	40.1	42.6	39.0	40.0	40.9	38.7
1951	36.7	38.8	35.8	39.5	40.4	38.3
1952	39.9	42.5	38.8	39.5	40.3	38.4
1953	38.2	40.6	37.3	39.6	40.6	38.2
<b>Wood products:</b>						
1946	45.1	45.4	41.3	43.7	45.2	40.2
1947	44.0	44.2	40.4	42.6	43.8	39.6
1948	44.0	44.2	40.8	42.4	43.6	39.3
1949	44.1	44.3	40.6	42.4	43.5	39.4
1950	44.1	44.3	41.0	41.7	42.6	39.2
1951	42.9	43.0	40.6	41.5	42.5	38.7
1952	43.8	44.0	41.1	41.5	42.6	38.4
1953	43.8	44.0	40.4	41.2	42.1	38.5
<b>Paper products:</b>						
1946	47.1	48.2	41.0	40.9	41.6	39.4
1947	47.2	48.1	41.4	39.9	40.4	38.6
1948	47.2	48.0	41.3	40.2	40.7	38.7
1949	47.1	47.9	41.9	39.9	40.4	38.4
1950	47.5	48.3	42.1	39.1	39.6	37.8
1951	46.5	47.2	40.9	38.9	39.3	38.0
1952	45.1	45.5	41.6	38.4	38.7	37.4
1953	43.6	44.0	40.0	38.0	38.3	37.1
<b>Printing, publishing and allied industries:</b>						
1946	42.0	43.3	38.5	39.9	40.6	39.0
1947	41.1	42.2	38.1	39.5	40.0	38.7
1948	40.9	42.0	37.8	39.0	39.4	38.3
1949	41.0	41.8	38.3	38.7	39.2	37.8
1950	40.4	41.2	37.9	38.2	38.3	38.0
1951	40.0	40.6	38.0	38.2	38.5	37.8
1952	40.0	40.6	38.0	37.9	38.0	37.6
1953	40.0	40.7	37.9	37.3	37.4	37.0
<b>Iron and steel products:</b>						
1946	44.8	45.0	41.8	40.9	41.5	39.3
1947	45.1	45.3	41.6	40.2	40.8	38.6
1948	44.8	45.0	41.6	40.1	40.7	38.6
1949	43.6	43.7	41.5	39.8	40.3	38.4
1950	44.0	44.1	41.4	39.5	39.9	38.3
1951	42.5	42.7	39.8	39.1	39.6	37.9
1952	42.8	42.9	40.1	39.1	39.5	38.0
1953	42.1	42.2	39.6	38.9	39.3	37.6

TABLE 32. Average Hours Worked per Week in the Manufacturing Industries of Canada, by Industrial Group, 1946-53  
Concluded

Group and year	Production workers			Supervisory and office		
	Both sexes	Male	Female	Both sexes	Male	Female
	Number					
Transportation equipment:						
1946	42.3	42.4	40.3	42.2	42.8	40.5
1947	43.6	43.7	40.9	41.1	41.6	39.7
1948	43.2	43.2	40.7	41.6	42.1	40.2
1949	42.9	43.0	39.6	41.5	41.9	40.1
1950	43.8	43.9	40.2	41.4	41.8	39.8
1951	42.1	42.2	38.7	41.0	41.3	39.9
1952	42.3	42.4	38.5	41.7	42.5	39.2
1953	41.6	41.8	38.1	39.9	40.2	38.8
Non-ferrous metal products:						
1946	44.0	44.5	40.9	41.6	42.4	40.1
1947	44.1	44.6	40.3	40.9	41.6	39.2
1948	43.9	44.3	40.7	41.0	41.7	39.1
1949	44.4	44.6	41.8	40.9	41.8	38.8
1950	44.2	44.5	41.5	39.9	40.6	38.3
1951	41.8	42.0	40.0	39.6	40.2	38.1
1952	42.1	42.2	41.0	39.0	39.4	37.8
1953	41.5	41.6	39.8	39.4	39.9	37.8
Electrical apparatus and supplies:						
1946	41.9	42.7	40.3	39.6	40.1	38.6
1947	42.6	43.5	40.7	39.9	40.6	38.6
1948	41.8	42.6	39.5	39.0	39.3	38.3
1949	42.1	42.8	40.3	39.0	39.3	38.3
1950	42.4	43.3	40.2	38.6	38.8	38.0
1951	41.5	42.5	38.7	38.8	39.3	37.6
1952	42.1	42.8	40.1	38.5	38.8	37.6
1953	41.8	42.6	40.1	38.6	38.8	37.9
Non-metallic mineral products:						
1946	46.1	46.6	42.0	41.4	42.3	39.2
1947	46.4	46.8	43.5	40.9	41.3	40.0
1948	46.4	46.8	42.8	40.5	41.3	38.2
1949	46.0	46.4	41.8	39.9	40.8	37.8
1950	46.4	46.8	41.6	39.7	40.3	38.0
1951	45.0	45.3	40.2	39.3	39.9	37.6
1952	45.1	45.5	40.2	38.4	39.0	36.8
1953	44.4	44.7	40.9	39.2	39.9	37.1
Products of petroleum and coal:						
1946	41.9	42.0	—	39.5	39.9	38.2
1947	42.1	42.1	—	38.8	39.1	37.3
1948	42.1	42.1	—	38.2	38.5	37.1
1949	41.9	41.9	—	38.0	38.6	36.1
1950	41.3	41.3	—	36.7	37.4	34.1
1951	41.4	41.4	—	38.4	38.7	37.1
1952	41.5	41.5	—	36.7	37.0	35.9
1953	41.6	41.7	—	37.2	37.5	36.2
Chemicals and allied products:						
1946	44.4	45.3	41.0	39.5	40.0	38.8
1947	43.8	44.7	40.2	39.0	39.5	38.3
1948	44.0	44.9	40.4	38.8	39.3	38.0
1949	44.3	45.1	40.8	38.7	39.2	37.8
1950	43.4	44.1	40.1	38.3	38.8	37.5
1951	42.7	43.3	39.6	38.6	38.9	38.0
1952	42.3	42.8	39.6	38.4	38.7	37.9
1953	42.3	42.9	39.5	38.3	38.5	37.7
Miscellaneous industries:						
1946	42.9	43.9	41.0	43.1	41.9	38.7
1947	42.3	43.7	39.7	41.9	41.2	38.6
1948	42.3	43.6	40.4	41.7	41.2	38.2
1949	42.8	44.2	40.7	40.5	41.1	37.6
1950	42.8	44.3	40.6	40.0	41.0	38.4
1951	41.8	43.3	39.5	38.9	40.1	37.0
1952	42.4	44.3	39.8	38.3	39.5	35.9
1953	42.2	43.7	40.0	38.9	39.4	37.8

## Subsection 5. Earnings in Manufacturing Industries

In 1953, the 38,107 establishments covered, employed 274,225 supervisory and office employees and 1,053,226 production workers, a total of 1,327,451 persons. Out of every 1,000 persons employed in manufacturing, 207 were classed as office employees and 793 as production workers; the former earned 26 p.c. and the latter 74 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual earnings of office and production workers. Whereas in 1939 average annual earnings of production workers were only 56 p.c. of that paid to office workers, in 1943 the percentage rose to 76, they declined to 69 in 1947 and rose to 75 in 1953. This tendency towards equalization was due, in part, to the controls adopted

by the Government during the war years which tended to stabilize earnings of office workers more so than the earnings of production workers. The increase in average earnings of production workers was also influenced by the fact that large numbers were employed in the highly paid iron and steel industries and by the increase in the number of hours worked, some at overtime pay.

Ontario has a larger proportion of females among its office employees than the other provinces. The same situation prevails in Quebec with regard to production workers, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female production workers engaged in the manufacturing industries of Canada in 1953, 43 p.c. were found in the textile and clothing groups.

Average earnings of office workers in 1953 amounted to \$3,707 which was \$1,961 or 112 p.c. higher than in 1939. Office employees in Ontario with \$3,892 were the highest paid. Those in Quebec were second with \$3,670, British Columbia third with \$3,609, and Manitoba fourth with \$3,419. The fact that head offices of many large corporations are located in Montreal, Toronto, Winnipeg and Vancouver tends to raise the average salary in the provinces in which these cities are located.

Average earnings of production workers in 1953 amounted to \$2,792 which was \$1,817 or 186 p.c. higher than in 1939.

The manufacturing industries of British Columbia paid the highest average earnings of \$3,108. Ontario with \$2,980 was in second place, followed by Saskatchewan with \$2,785, Alberta \$2,718, Manitoba \$2,619, Quebec \$2,558, Newfoundland \$2,549, etc. The high figure shown for Yukon and Northwest Territories in regard to the average earnings of production workers is due to the unusual conditions under which industry is carried on in these regions, and is not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 33.

**TABLE 33. Annual Earnings in the Manufacturing Industries, by Provinces and Industrial Groups, 1953 with Totals for Significant Years, 1917-52**

Year	Supervisory and office employees				Production workers			
			Total earnings	Average annual earnings			Total earnings	Average annual earnings
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
1917.....	64,918		85,353,667	1,315	541,605		412,448,177	762
1920.....	78,334		141,837,361	1,811	520,559		575,656,515	1,106
1922.....	71,586		129,836,831	1,814	384,676		359,560,399	935
1924.....	54,379	15,641	130,344,822	1,862	322,719	94,871	404,122,853	968
1926.....	58,245	17,092	142,353,900	1,890	374,244	109,580	483,328,342	999
1929.....	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930.....	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995
1931.....	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895	950
1932.....	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844
1933.....	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934.....	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935.....	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697	870
1936.....	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377	896
1937.....	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938.....	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939.....	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940.....	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941.....	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
1942.....	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049	1,383
1943.....	128,679	64,516	388,857,505	2,013	762,854	285,019	1,598,434,879	1,525
1944.....	126,858	65,700	418,065,594	2,171	744,635	285,689	1,611,555,776	1,564
1945.....	128,601	62,106	417,857,619	2,191	680,620	248,045	1,427,915,830	1,538
1946.....	127,002	54,004	410,875,776	2,270	662,699	214,451	1,329,811,478	1,516
1947.....	135,248	55,852	474,693,800	2,484	721,407	219,243	1,611,232,166	1,713
1948.....	141,038	57,192	532,594,959	2,687	738,721	218,770	1,876,773,231	1,960
1949.....	157,516	64,035	628,427,937	2,836	732,457	217,199	1,963,462,720	2,067
1950.....	164,475	66,578	692,633,349	2,998	736,477	215,767	2,078,634,086	2,183
1951.....	176,943	70,844	816,714,604	3,296	792,394	218,194	2,459,566,313	2,434
1952.....	188,235	74,792	923,905,251	3,513	810,060	215,295	2,713,714,909	2,647
Provinces, 1953								
Newfoundland.....	2,037	354	5,744,865	2,403	7,350	834	20,860,043	2,549
Prince Edward Island.....	347	94	885,775	2,009	980	388	2,210,070	1,616
Nova Scotia.....	3,840	1,081	13,654,549	2,775	23,598	3,521	62,736,206	2,313
New Brunswick.....	2,746	928	11,373,306	3,096	17,472	3,325	48,379,739	2,326
Quebec.....	62,263	24,080	316,850,671	3,670	260,169	95,043	908,722,643	2,558
Ontario.....	96,231	42,854	541,339,538	3,892	395,157	100,312	1,476,642,680	2,980
Manitoba.....	6,004	2,213	28,095,419	3,419	27,449	8,074	93,030,860	2,619
Saskatchewan.....	2,352	814	8,893,485	2,809	7,442	996	23,502,033	2,785
Alberta.....	5,603	1,816	22,861,122	3,081	22,177	3,486	69,744,031	2,718
British Columbia.....	14,375	4,138	66,817,112	3,609	66,463	8,868	234,104,206	3,108
Yukon and Northwest Territories.....	45	10	163,567	2,974	106	16	406,428	3,331
<b>Canada totals, 1953</b> .....	<b>195,843</b>	<b>78,382</b>	<b>1,016,679,409</b>	<b>3,707</b>	<b>828,363</b>	<b>224,863</b>	<b>2,940,338,939</b>	<b>2,792</b>
Industrial groups, 1953								
Foods and beverages.....	24,731	10,245	116,307,583	3,325	105,392	36,281	338,972,969	2,393
Tobacco and tobacco products.....	823	461	5,586,881	4,351	3,132	5,078	21,178,762	2,580
Rubber products.....	4,009	1,555	20,205,742	3,632	12,945	4,091	50,788,901	2,981
Leather products.....	2,964	1,284	15,388,460	3,623	16,233	12,587	55,577,035	1,928
Textile products (except clothing).....	7,651	3,877	44,122,495	3,827	38,850	22,812	140,482,121	2,278
Knitting mills.....	1,587	1,308	10,597,008	3,660	7,275	14,243	41,823,673	1,944
Clothing (textile and fur).....	7,971	4,795	46,941,304	3,677	24,283	58,609	155,063,975	1,871
Wood products.....	21,869	3,366	63,934,655	2,534	103,601	5,474	261,684,597	2,399
Paper products.....	10,544	4,131	70,561,329	4,808	61,480	8,281	239,546,378	3,434
Printing, publishing and allied industries.....	15,923	9,883	81,078,194	3,142	32,001	8,723	124,548,360	3,058
Iron and steel products.....	28,994	10,266	156,761,826	3,993	141,501	7,475	486,712,301	3,267
Transportation equipment.....	20,313	6,421	114,984,963	4,301	125,112	4,213	440,426,189	3,406
Non-ferrous metal products.....	7,725	2,699	42,294,010	4,057	38,342	3,292	136,416,047	3,277
Electrical apparatus and supplies.....	15,654	6,401	86,573,525	3,925	38,785	16,016	164,073,252	2,994
Non-metallic mineral products.....	4,474	1,626	22,791,238	3,736	26,056	2,196	84,483,836	2,990
Products of petroleum and coal.....	4,191	1,460	23,828,346	4,217	11,390	71	42,737,088	3,729
Chemicals and allied products.....	11,468	6,029	66,622,583	3,808	26,775	5,935	97,968,327	2,995
Miscellaneous industries.....	4,952	2,575	28,099,267	3,733	15,210	9,486	57,855,228	2,343

1. The averages of the number of production workers and earnings for the years 1931 to 1953 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.

2. The increase in the number of office employees in 1931 is due to the following changes in method: 1. Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as production workers. In 1931 and subsequent years, however, all such proprietors reported themselves as office employees. 2. In 1931 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 office employees. Prior to this they were not reported at all.



**Average Annual Earnings in the Forty Leading Industries.**  
In 1953 there were five industries paying office workers \$4,500 or over, as compared with three in 1952. Indicative of the rapidly changing pattern of remuneration in manufacturing is the fact that in 1945, the last year of the war, no industry paid office workers annual salaries of over \$3,000. Highest average earnings in that year were \$2,935 reported by the brewing industry. Highest average earnings in 1953, amounting to \$5,315 were received by the office and supervisory employees of the pulp and paper industry which was also in first place in 1952. Other industries paying \$4,500 or more, in descending order, were as follows: breweries \$4,828, motor vehicles \$4,808, bridge building and structural steel \$4,616, and primary iron and steel \$4,552. In eleven other industries they ranged between \$4,000 and \$4,500, as follows: railway rolling stock \$4,480, petroleum products \$4,415, motor vehicle parts \$4,362, brass and copper products \$4,273, non-ferrous metal smelting and refining \$4,251, boilers, tanks and platework \$4,192, boxes and bags, paper \$4,184, aircraft and parts \$4,162, iron castings \$4,116, agricultural implements \$4,054, and slaughtering and meat packing \$4,025. In fourteen others they were between \$3,500 and \$4,000, in eight they were between \$2,500 and \$3,500, while in the remaining two they were below \$2,500. Sawmills and butter and cheese with \$1,810 and \$2,477 respectively were the two industries in this category.

The increase in average earnings of production workers since 1945 paralleled that of office and supervisory employees. Whereas in 1945 there were only four industries averaging over \$2,000, in 1953 the number jumped to thirty-six. In 1945 the highest annual earnings, amounting to \$2,365, were paid by the motor vehicle industry, while in 1953 the highest earnings which totalled \$3,918 were paid by the petroleum products industry which was also in first place in 1951 and 1952. The highest earnings are usually paid by industries in which the proportion of skilled workers is high and the proportion of female workers is low. There were eight industries in 1953 with average annual earnings of \$3,500 and over. These were: petroleum products \$3,918, pulp and paper \$3,808, motor vehicles \$3,796, non-ferrous metal smelting and refining \$3,669, primary iron and steel \$3,588, aircraft and parts \$3,572, bridge building and structural steel \$3,523, and breweries \$3,510. In fifteen other industries annual earnings ranged between \$3,000 and \$3,500, in seven others they were between \$2,500 and \$3,000, in six other they were between \$2,000 and \$2,500, while in the remaining four they were below \$2,000. This latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Leather footwear, fruit and vegetable preparations, men's factory clothing and women's factory clothing are the industries included in this group. Employment by sex, and average annual earnings in the forty leading industries are given in Table 34.

**TABLE 34. Annual Earnings in the Forty Leading Industries, 1953**

Note. Industries ranked according to the aggregate salaries and wages paid

No.	Industry	Supervisory and office employees				Production workers			
		Male	Female	Total earnings	Average annual earnings	Male	Female	Total earnings	Average annual earnings
		No.	No.	\$	\$	No.	No.	\$	\$
1	Pulp and paper .....	7,165	2,229	49,932,103	5,315	48,093	707	185,809,557	3,808
2	Aircraft and parts .....	8,136	2,813	45,574,126	4,162	26,380	719	96,801,573	3,572
3	Sawmills .....	12,252	844	23,708,046	1,810	47,327	510	118,422,957	2,476
4	Motor vehicles .....	4,633	1,450	29,245,288	4,808	26,429	461	102,070,846	3,796
5	Primary iron and steel .....	3,334	1,112	20,237,501	4,552	30,300	210	109,472,055	3,588
6	Railway rolling stock .....	2,269	320	11,597,664	4,480	32,729	129	106,428,686	3,239
7	Non-ferrous metal smelting and refining .....	3,558	566	17,530,010	4,251	20,942	49	77,015,601	3,669
8	Printing and publishing .....	8,171	4,699	41,400,755	3,217	13,590	2,039	52,420,856	3,354
9	Machinery, heavy electrical .....	5,335	1,916	28,602,860	3,945	14,628	3,575	59,756,803	3,283
10	Motor vehicle parts .....	2,789	1,121	17,056,053	4,362	16,913	2,512	64,130,746	3,301
11	Bread and other bakery products .....	3,660	1,195	13,992,400	2,882	21,827	6,858	66,910,287	2,333
12	Furniture .....	3,877	1,172	17,576,030	3,481	22,603	2,116	58,260,147	2,357
13	Machinery, industrial .....	4,815	1,984	25,687,090	3,778	14,888	476	49,608,363	3,229
14	Clothing, men's factory .....	2,779	1,644	16,522,772	3,736	9,440	21,256	58,187,116	1,896
15	Miscellaneous electrical apparatus and supplies .....	4,499	1,979	25,528,033	3,941	11,395	4,798	49,048,054	3,029
16	Slaughtering and meat packing .....	3,618	1,261	19,637,310	4,025	14,792	3,216	54,794,633	3,043
17	Shipbuilding .....	1,898	546	9,419,945	3,854	20,003	124	63,312,111	3,146
18	Rubber goods, including footwear .....	4,009	1,555	20,205,742	3,632	12,945	4,091	50,788,901	2,981
19	Printing and bookbinding .....	4,098	1,898	20,895,071	3,485	12,638	5,212	47,487,544	2,660
20	Clothing, women's factory .....	2,286	1,598	15,099,599	3,888	5,926	18,467	46,738,450	1,916
21	Sheet metal products .....	2,904	1,038	15,451,269	3,920	12,691	1,642	43,380,562	3,027
22	Cotton yarn and cloth .....	1,650	969	9,218,655	3,520	13,399	7,160	45,817,885	2,229
23	Castings, iron .....	1,729	609	9,622,171	4,116	12,737	271	43,363,405	3,334
24	Butter and cheese .....	3,436	1,720	12,768,857	2,477	14,643	898	39,738,722	2,557
25	Radios, television sets, and parts .....	3,821	1,570	21,187,773	3,930	5,994	5,828	30,046,919	2,542
26	Agricultural implements .....	2,516	656	12,857,891	4,054	10,859	130	37,444,116	3,407
27	Petroleum products .....	3,213	1,047	18,808,302	4,415	7,536	62	29,766,470	3,918
28	Sash, door and planing mills .....	3,373	653	11,892,105	2,954	15,993	222	36,227,191	2,234
29	Hardware, tools and cutlery .....	2,022	1,016	11,871,462	3,908	9,771	1,613	34,067,883	2,993
30	Footwear, leather .....	1,753	806	9,205,639	3,597	10,009	8,929	34,830,483	1,839
31	Synthetic textiles and silk .....	2,291	995	12,822,840	3,902	9,311	3,126	31,116,265	2,502
32	Bridge building and structural steel .....	2,197	481	12,362,243	4,616	8,520	45	30,172,081	3,523
33	Miscellaneous iron and steel products .....	2,011	587	8,700,819	3,349	8,889	916	31,677,430	3,231
34	Miscellaneous chemical products .....	2,583	1,072	13,656,350	3,736	7,165	1,707	25,868,604	2,916
35	Boxes and bags, paper .....	1,491	813	9,640,723	4,184	7,048	4,690	29,112,015	2,480
36	Fruit and vegetable preparations .....	1,730	934	8,889,052	3,337	6,534	6,187	23,949,847	1,883
37	Boilers, tanks and platework .....	1,792	558	9,850,967	4,192	6,414	194	22,629,786	3,425
38	Breweries .....	1,365	389	8,468,636	4,828	6,554	75	23,269,261	3,510
39	Brass and copper products .....	1,315	569	8,049,906	4,273	6,917	500	23,489,864	3,167
40	Machinery, household, office and store .....	1,431	697	7,775,388	3,654	6,900	964	23,645,171	3,007
<b>Totals, forty leading industries .....</b>		<b>137,804</b>	<b>49,081</b>	<b>702,549,446</b>	<b>3,759</b>	<b>611,672</b>	<b>122,684</b>	<b>2,157,079,246</b>	<b>2,937</b>
<b>Totals, all industries .....</b>		<b>195,843</b>	<b>78,382</b>	<b>1,016,679,409</b>	<b>3,707</b>	<b>828,363</b>	<b>224,863</b>	<b>2,940,338,939</b>	<b>2,792</b>

**Average Annual, Weekly and Hourly Earnings of Production Workers.** In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has a very definite regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in the latter industries naturally command relatively higher payments than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 33 and 34 will be of value.

The figures for the years 1934 to 1945 given in Table 35 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all the firms. For a particular in-

dustry, however, the month of highest employment is more significant as in such a case it coincides for a great number of firms engaged in the same industry. The figures since 1946 are based on returns received from establishments employing 15 hands or over, and for 1946 and 1947 they refer to the last week in the month of November, whereas for 1948-1953 they refer to the last week in the month of October.

Average weekly earnings of male production workers for manufacturing as a whole amounted to \$62.71 in 1953, an increase of \$40.48 or 182 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to \$1.47 in 1953, an increase of 218 p.c. Annual earnings at \$3,082 were 187 p.c. higher.

Female production workers received on an average \$35.07 per week in 1953, an increase of \$22.29 or 174 p.c. since 1939. Hourly earnings at 91 cents were 221 p.c. higher, while annual earnings at \$1,723 were 178 p.c. higher.

The following table gives the weekly and hourly earnings of male and female production workers for each province and major industrial group for the year 1953.

For the method used in calculating average annual earnings for male and female production workers separately, see text preceding Table 38.

**Average Weekly and Hourly Earnings of Male and Female Production Workers, by Provinces and Industrial Groups, 1953**

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	\$	\$	\$	\$
<b>Provinces</b>				
Newfoundland.....	60.50	1.38	20.13	0.54
Prince Edward Island.....	42.94	0.93	24.02	0.54
Nova Scotia.....	53.15	1.27	23.45	0.57
New Brunswick.....	54.48	1.24	25.51	0.72
Quebec.....	59.72	1.35	32.67	0.85
Ontario.....	65.00	1.55	37.74	0.98
Manitoba.....	59.21	1.42	31.98	0.84
Saskatchewan.....	58.73	1.41	37.62	1.00
Alberta.....	61.66	1.48	38.45	1.01
British Columbia.....	68.10	1.71	38.28	1.05
<b>Canada.....</b>	<b>62.71</b>	<b>1.47</b>	<b>35.07</b>	<b>0.91</b>
<b>Industrial Group</b>				
Foods and beverages.....	56.52	1.28	32.31	0.83
Tobacco and tobacco products.....	61.69	1.48	46.99	1.18
Rubber products.....	64.74	1.53	41.73	1.08
Leather products.....	45.27	1.14	28.18	0.77
Textile products (except clothing).....	49.28	1.17	35.34	0.91
Clothing (textile and fur).....	53.33	1.31	30.94	0.83
Wood products.....	54.36	1.24	38.35	0.95
Paper products.....	70.77	1.61	35.77	0.89
Printing, publishing and allied industries.....	71.65	1.76	34.06	0.90
Iron and steel products.....	66.10	1.57	44.20	1.12
Transportation equipment.....	66.11	1.58	47.00	1.23
Non-ferrous metal products.....	66.59	1.60	36.30	0.91
Electrical apparatus and supplies.....	67.24	1.58	46.05	1.15
Non-metallic mineral products.....	62.26	1.39	38.03	0.93
Products of petroleum and coal.....	77.17	1.85	—	—
Chemicals and allied products.....	63.57	1.48	35.63	0.90
Miscellaneous industries.....	56.37	1.29	34.17	0.85

**TABLE 35. Average Annual, Weekly and Hourly Earnings of Production Workers, Employed in the Manufacturing Industries, 1934-53**

Note. Butter and cheese factories and fish curing and packing plants are excluded in the years 1938 to 1945, while sawmills are also excluded in 1945. By including sawmills, weekly earnings in 1945 would have been about \$34.35 for male wage-earners.

Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	\$	\$	\$	\$	\$	\$	\$	\$	\$
1934.....	830	18.30	0.372	930	20.31	0.407 <sup>1</sup>	539	11.80	0.251 <sup>1</sup>
1935.....	870	18.50	0.380	966	20.41	0.413 <sup>1</sup>	570	12.04	0.259 <sup>1</sup>
1936.....	896	18.96	0.389	995	20.92	0.423 <sup>1</sup>	577	12.20	0.262 <sup>1</sup>
1937.....	965	2	2	2	2	2	2	2	2
1938.....	956	19.49	0.417	1,055	21.49	0.454	594	12.10	0.271
1939.....	975	20.14	0.427	1,076	22.23	0.462	619	12.78	0.283
1940.....	1,084	22.35	0.446	1,202	24.82	0.488	655	13.52	0.286
1941.....	1,220	24.95	0.494	1,355	27.72	0.538	736	15.05	0.316
1942.....	1,383	28.18	0.561	1,558	31.75	0.619	854	17.41	0.371
1943.....	1,525	29.87	0.612	1,726	33.80	0.671	987	19.33	0.431
1944.....	1,564	31.05	0.654	1,761	34.95	0.712	1,051	20.89	0.479
1945.....	1,538	30.98	0.669	1,739	35.04	0.736	984	19.84	0.465
1946 <sup>3</sup> .....	1,516	32.38	0.741	1,702	36.23	0.807	943	20.08	0.502
1947 <sup>3</sup> .....	1,713	37.19	0.851	1,909	41.35	0.921	1,067	23.11	0.582
1948 <sup>3</sup> .....	1,960	41.25	0.946	2,175	45.73	1.023	1,233	25.91	0.651
1949 <sup>3</sup> .....	2,067	42.61	0.984	2,291	47.33	1.066	1,315	27.18	0.683
1950 <sup>3</sup> .....	2,183	45.94	1.056	2,419	50.93	1.142	1,376	29.00	0.725
1951 <sup>3</sup> .....	2,434	51.32	1.222	2,693	56.46	1.313	1,492	31.27	0.825
1952 <sup>3</sup> .....	2,647	55.17	1.295	2,915	60.85	1.402	1,638	34.17	0.863
1953 <sup>3</sup> .....	2,792	56.75	1.359	3,082	62.71	1.471	1,723	35.07	0.910

1. Estimated on the basis of hours worked by female workers in 1938 and 1939 as compared with those worked by male workers in those years.

2. Not available.

3. Prior to 1946 the figures refer to week of highest employment and cover all establishments while for 1946 and 1947 they refer to the last week in November and for 1949 to 1952 the last week in October for establishments employing 15 hands and over only.

**TABLE 36. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Provinces, 1946-53**

(Statistics for the years 1938-45 are published on page 60 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	\$	\$	cents	\$	\$	cents	\$	\$	cents
<b>Newfoundland</b>									
1949.....	2,392	—	—	—	—	—	—	—	—
1950.....	2,626	46.52	99.2	2,919	50.85	106.6	1,016	17.72	42.3
1951 <sup>2</sup> .....	2,350	52.37	115.1	2,613	56.80	123.2	852	18.51	45.7
1952.....	2,479	54.42	123.4	2,705	58.78	131.8	903	19.62	48.8
1953.....	2,549	57.11	132.1	2,735	60.50	138.2	911	20.13	53.8
<b>Prince Edward Island:</b>									
1946.....	911	21.51	46.2	1,097	25.42	54.2	555	12.87	28.6
1947.....	976	24.75	54.6	1,131	28.01	59.6	613	15.19	37.7
1948.....	1,149	27.66	60.4	1,317	30.68	65.7	715	16.66	39.1
1949.....	1,145	29.76	62.4	1,323	33.96	70.6	718	18.45	39.6
1950.....	1,220	30.36	69.0	1,456	35.97	78.2	667	16.46	42.0
1951.....	1,312	34.10	74.3	1,521	38.33	82.6	808	20.34	45.8
1952.....	1,455	43.53	96.3	1,719	48.13	104.4	801	22.41	54.8
1953.....	1,616	38.07	83.1	1,846	42.94	93.0	1,032	24.02	53.8
<b>Nova Scotia:</b>									
1946.....	1,398	31.44	68.8	1,502	33.90	73.7	762	17.18	39.4
1947.....	1,461	34.58	75.5	1,584	37.47	81.1	744	17.62	40.6
1948.....	1,680	37.74	82.4	1,810	40.66	88.4	901	20.25	45.5
1949.....	1,810	39.56	88.9	1,959	42.87	95.7	911	19.94	46.8
1950.....	1,852	39.74	88.7	2,002	42.98	95.5	973	20.89	47.8
1951.....	2,024	44.77	103.4	2,179	48.30	111.3	998	22.14	51.6
1952.....	2,187	46.89	110.6	2,349	50.41	118.9	1,113	23.89	56.2
1953.....	2,313	49.27	118.3	2,494	53.15	127.4	1,100	23.45	56.9

**TABLE 36. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Provinces, 1946-53 - Concluded**

(Statistics for the years 1938-45 are published on page 60 of the 1950 General Review of the Manufacturing Industries of Canada)

Province and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	\$	\$	cents	\$	\$	cents	\$	\$	cents
<b>New Brunswick:</b>									
1946.....	1,390	30.54	66.4	1,528	33.58	71.9	781	17.16	40.0
1947.....	1,570	33.55	73.9	1,714	37.05	79.5	890	19.22	47.7
1948.....	1,741	38.03	83.5	1,915	41.55	88.4	1,015	22.04	52.6
1949.....	1,823	38.64	85.1	1,983	42.18	90.9	1,114	23.71	57.4
1950.....	1,865	40.68	90.4	2,035	44.45	96.0	1,099	24.01	61.1
1951.....	2,087	46.87	105.8	2,275	51.42	113.0	1,188	26.86	68.7
1952.....	2,201	48.33	109.6	2,376	52.19	116.5	1,340	29.42	72.1
1953.....	2,326	49.93	117.0	2,534	54.48	124.4	1,234	26.51	71.6
<b>Quebec:</b>									
1946.....	1,445	30.51	67.2	1,660	34.95	74.2	926	19.49	47.3
1947.....	1,601	34.82	76.7	1,830	39.66	84.2	1,016	22.02	54.1
1948.....	1,829	38.60	85.4	2,077	43.80	93.6	1,190	25.11	61.4
1949.....	1,907	39.61	89.0	2,171	45.19	97.6	1,246	25.93	64.5
1950.....	1,995	42.21	94.0	2,273	48.15	103.1	1,305	27.65	68.1
1951.....	2,216	47.26	109.9	2,528	53.58	119.6	1,385	29.37	77.7
1952.....	2,413	50.64	115.1	2,741	57.74	126.9	1,519	32.00	79.8
1953.....	2,558	52.48	122.5	2,911	59.72	134.5	1,592	32.67	84.8
<b>Ontario:</b>									
1946.....	1,552	33.26	77.7	1,738	37.09	84.3	963	20.53	52.9
1947.....	1,792	38.57	89.7	1,988	42.70	96.6	1,153	24.13	62.2
1948.....	2,060	42.86	99.9	2,273	47.10	107.3	1,300	26.92	69.2
1949.....	2,187	44.34	103.6	2,405	48.88	111.6	1,400	28.45	72.2
1950.....	2,328	48.46	112.7	2,560	53.33	121.2	1,472	30.69	77.7
1951.....	2,602	53.87	129.5	2,848	58.60	138.2	1,635	33.66	88.8
1952.....	2,840	58.27	138.4	3,094	63.60	148.6	1,788	36.78	93.6
1953.....	2,980	59.34	143.5	3,257	65.00	154.6	1,892	37.74	97.5
<b>Manitoba:</b>									
1946.....	1,491	31.16	72.8	1,662	34.51	78.8	949	19.72	49.8
1947.....	1,634	35.59	82.0	1,818	39.20	88.1	1,049	22.63	57.0
1948.....	1,833	39.22	91.0	2,042	43.48	98.6	1,144	24.35	61.5
1949.....	1,900	41.06	94.6	2,114	45.39	102.0	1,222	26.24	66.1
1950.....	2,013	43.73	100.3	2,234	48.30	108.3	1,276	27.56	68.9
1951.....	2,270	48.46	116.5	2,532	53.21	125.5	1,382	29.07	75.7
1952.....	2,443	51.17	123.0	2,698	56.34	133.5	1,562	32.63	82.2
1953.....	2,619	53.48	130.8	2,925	59.21	142.0	1,580	31.98	84.4
<b>Saskatchewan:</b>									
1946.....	1,455	32.78	74.5	1,531	34.11	77.0	1,007	22.45	54.5
1947.....	1,643	36.63	84.5	1,726	39.16	87.5	1,106	25.10	62.3
1948.....	1,916	40.12	93.3	2,022	42.12	96.6	1,252	26.09	66.9
1949.....	2,042	41.34	97.5	2,142	43.33	101.9	1,384	27.99	71.4
1950.....	2,115	43.71	103.1	2,217	45.58	106.5	1,419	29.17	74.6
1951.....	2,363	49.18	118.8	2,473	51.58	123.4	1,568	32.69	84.7
1952.....	2,609	52.87	127.7	2,730	55.30	132.3	1,753	35.52	91.3
1953.....	2,785	56.33	136.9	2,909	58.73	141.2	1,865	37.62	99.5
<b>Alberta:</b>									
1946.....	1,477	32.40	75.0	1,582	34.50	79.3	981	21.38	51.4
1947.....	1,657	36.81	84.2	1,758	39.07	88.6	1,136	25.25	60.4
1948.....	1,890	41.35	95.5	2,005	43.80	100.0	1,251	27.31	67.1
1949.....	2,025	43.80	100.7	2,137	46.01	104.8	1,385	29.83	73.3
1950.....	2,113	44.86	105.3	2,223	47.09	109.5	1,445	30.61	77.1
1951.....	2,323	50.39	122.0	2,449	52.83	127.0	1,531	33.04	85.6
1952.....	2,518	55.10	133.1	2,653	58.30	138.8	1,661	36.48	95.5
1953.....	2,718	58.43	141.7	2,864	61.66	147.7	1,787	38.45	100.9
<b>British Columbia:</b>									
1946.....	1,750	36.83	89.4	1,956	39.01	94.0	1,156	23.05	58.8
1947.....	1,934	41.55	103.6	2,045	43.55	107.8	1,229	26.19	68.2
1948.....	2,182	46.02	114.2	2,298	48.27	118.9	1,360	28.58	75.2
1949.....	2,282	47.36	118.1	2,410	49.82	123.0	1,381	28.57	76.8
1950.....	2,393	50.73	126.2	2,522	53.34	131.7	1,458	30.84	81.6
1951.....	2,723	58.65	150.0	2,871	61.70	156.2	1,599	34.36	95.7
1952.....	2,975	62.21	158.3	3,127	65.35	164.6	1,776	37.11	102.5
1953.....	3,108	64.76	164.1	3,277	68.10	170.9	1,842	38.28	105.1
<b>Yukon and Northwest Territories<sup>1</sup>:</b>									
1946.....	2,249	-	-	-	-	-	-	-	-
1947.....	2,152	-	-	-	-	-	-	-	-
1948.....	2,824	-	-	-	-	-	-	-	-
1949.....	2,502	-	-	-	-	-	-	-	-
1950.....	2,523	-	-	-	-	-	-	-	-
1951.....	2,686	-	-	-	-	-	-	-	-
1952.....	3,366	-	-	-	-	-	-	-	-
1953.....	3,331	-	-	-	-	-	-	-	-

1. Dash indicates that the information is not available.

2. The average annual earnings are calculated on the basis of the total amount paid during the year as reported to census of industry, while the weekly earnings are based on an analysis of the pay-list for the last week in October and only cover establishments employing 15 hands or over. The drop in the average annual earnings is due in part to these factors as well as to the fact that in 1951 statistics for the processing of fish in Newfoundland were included with manufactures for the first time. As this is a seasonal industry annual earnings are, therefore, lower. In 1951 average annual earnings of production workers for both sexes for this industry averaged \$1,151 as compared with \$2,806 for the other industries of the province.



TABLE 37. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Industrial Groups, 1946-53

Group and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	\$	\$	cents	\$	\$	cents	\$	\$	cents
<b>Foods and beverages:</b>									
1946.....	—	29.15	66.4	—	33.09	72.4	—	18.27	47.1
1947.....	—	33.87	76.8	—	38.45	83.4	—	21.04	54.5
1948.....	1,718	36.56	83.1	1,945	41.68	90.8	1,064	22.31	58.8
1949.....	1,817	38.45	86.8	2,046	43.98	95.2	1,140	24.51	62.2
1950.....	1,914	39.99	91.3	2,159	45.84	100.3	1,194	25.35	65.0
1951.....	2,113	44.79	103.2	2,371	50.67	112.6	1,370	29.29	75.1
1952.....	2,285	47.75	110.8	2,564	54.36	121.6	1,467	31.12	79.6
1953.....	2,393	49.47	116.2	2,687	56.52	128.1	1,537	32.31	83.3
<b>Tobacco and tobacco products:</b>									
1946.....	—	23.85	55.6	—	30.06	65.9	—	20.37	49.2
1947.....	—	27.37	65.0	—	34.63	77.3	—	23.43	57.7
1948.....	1,717	35.53	83.6	2,105	44.15	98.1	1,488	31.23	75.8
1949.....	1,882	38.63	88.6	2,258	46.74	102.5	1,662	34.42	80.8
1950.....	2,011	40.92	98.6	2,361	48.33	112.4	1,799	36.83	90.5
1951.....	2,279	51.75	124.7	2,657	60.49	138.1	2,030	46.24	115.6
1952.....	2,526	50.96	124.9	2,975	60.24	141.4	2,231	45.18	113.8
1953.....	2,580	52.43	129.5	3,025	61.69	147.5	2,305	46.99	118.4
<b>Rubber products:</b>									
1946.....	—	36.78	82.1	—	41.09	90.1	—	23.96	56.7
1947.....	—	40.07	91.7	—	44.43	100.3	—	27.17	65.0
1948.....	2,108	45.22	104.2	2,338	49.84	112.5	1,481	31.17	76.4
1949.....	2,138	43.36	102.6	2,353	47.68	111.4	1,520	30.80	75.3
1950.....	2,326	48.83	112.0	2,563	53.97	122.1	1,625	34.23	81.9
1951.....	2,622	54.69	132.1	2,861	59.77	142.3	1,848	38.59	97.7
1952.....	2,858	58.04	137.2	3,117	63.60	148.6	2,039	41.62	102.5
1953.....	2,981	59.08	142.8	3,259	64.74	153.1	2,102	41.73	108.0
<b>Leather products:</b>									
1946.....	—	25.03	58.9	—	29.85	68.0	—	18.11	44.6
1947.....	—	28.25	68.9	—	33.51	79.4	—	20.11	51.3
1948.....	1,428	30.22	73.7	1,684	35.57	84.7	1,054	22.28	56.4
1949.....	1,528	30.84	76.9	1,807	36.39	88.1	1,131	22.77	59.3
1950.....	1,562	32.80	81.2	1,850	38.96	93.2	1,149	24.20	62.7
1951.....	1,684	33.61	89.4	1,992	39.71	102.6	1,251	24.95	69.3
1952.....	1,890	38.38	93.6	2,218	46.04	109.1	1,371	28.45	72.2
1953.....	1,928	37.90	98.4	2,310	45.27	113.6	1,437	28.18	76.7
<b>Textile products (except clothing):</b>									
1946.....	—	24.13	55.1	—	28.33	60.8	—	19.87	48.1
1947.....	—	30.08	67.6	—	34.64	74.5	—	23.59	56.7
1948.....	1,707	34.10	76.8	1,946	38.93	83.9	1,349	26.98	65.0
1949.....	1,830	36.93	82.8	2,068	41.67	89.8	1,458	29.39	70.3
1950.....	1,909	39.38	88.1	2,141	44.17	95.4	1,527	31.49	74.8
1951.....	2,046	40.00	99.0	2,292	44.81	106.7	1,627	31.82	84.4
1952.....	2,223	45.68	105.0	2,477	50.73	113.5	1,788	36.63	88.9
1953.....	2,278	44.20	107.6	2,545	49.28	116.5	1,825	35.34	90.8
<b>Clothing (textile and fur):</b>									
1946.....	—	25.38	61.9	—	34.54	77.1	—	19.81	51.2
1947.....	—	26.92	67.8	—	39.17	91.3	—	21.81	56.8
1948.....	1,465	30.16	75.2	2,065	42.64	100.1	1,198	24.73	63.4
1949.....	1,542	30.46	77.7	2,170	43.31	104.1	1,261	25.17	65.9
1950.....	1,588	32.64	81.4	2,242	46.35	108.8	1,294	26.75	68.6
1951.....	1,691	33.21	90.5	2,383	47.14	121.5	1,380	27.28	76.2
1952.....	1,812	37.39	93.7	2,579	54.06	127.2	1,473	30.85	79.5
1953.....	1,886	37.15	97.3	2,667	53.33	131.4	1,547	30.94	83.0
<b>Wood products:</b>									
1946.....	—	30.94	68.6	—	31.73	69.9	—	21.02	50.9
1947.....	—	35.24	80.1	—	35.98	81.4	—	24.20	59.9
1948.....	1,727	39.16	89.0	1,758	40.00	90.5	1,199	27.30	66.9
1949.....	1,836	40.40	91.6	1,869	41.20	93.0	1,256	27.69	68.2
1950.....	1,925	43.61	98.9	1,957	44.48	100.4	1,335	30.34	74.0
1951.....	2,136	48.18	112.3	2,166	48.98	113.9	1,525	34.47	84.9
1952.....	2,279	51.86	118.4	2,312	52.80	120.0	1,637	37.36	90.9
1953.....	2,399	53.40	122.0	2,435	54.36	123.6	1,717	38.35	95.0
<b>Paper products:</b>									
1946.....	—	36.97	78.5	—	40.20	83.4	—	18.94	46.2
1947.....	—	44.04	93.3	—	47.38	98.5	—	22.36	54.0
1948.....	2,431	49.09	104.0	2,616	52.42	109.2	1,248	24.99	60.5
1949.....	2,535	49.74	105.6	2,721	53.31	111.3	1,350	26.44	63.1
1950.....	2,709	54.15	114.0	2,906	57.77	119.6	1,444	28.71	68.2
1951.....	3,130	63.98	137.6	3,347	67.87	143.8	1,630	33.05	80.8
1952.....	3,294	64.27	142.5	3,499	67.89	149.2	1,774	34.40	82.7
1953.....	3,434	66.85	153.4	3,648	70.77	160.8	1,842	35.77	89.4
<b>Printing, publishing and allied industries:</b>									
1946.....	—	34.57	82.3	—	40.53	93.6	—	18.71	48.6
1947.....	—	38.47	93.6	—	44.77	106.1	—	21.15	55.5
1948.....	2,082	42.90	104.9	2,395	49.52	117.9	1,109	22.94	60.7
1949.....	2,239	47.19	115.1	2,550	53.59	128.2	1,221	25.66	67.0
1950.....	2,413	50.30	124.5	2,747	57.64	139.9	1,277	26.80	70.7
1951.....	2,575	54.24	135.6	2,917	61.87	152.4	1,374	29.11	76.6
1952.....	2,818	59.64	149.1	3,179	67.84	167.1	1,500	32.00	84.2
1953.....	3,058	63.10	157.6	3,446	71.65	176.2	1,637	34.06	89.8

**TABLE 37. Average Annual, Weekly and Hourly Earnings of Production Workers in the Manufacturing Industries, by Industrial Groups, 1946-53 - Concluded**

Group and Year	All production workers			Male workers			Female workers		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	\$	\$	cents	\$	\$	cents	\$	\$	cents
<b>Iron and steel products:</b>									
1946 .....	—	36.87	82.3	—	37.89	94.2	—	22.11	52.9
1947 .....	—	41.85	92.3	—	42.99	94.9	—	26.33	63.3
1948 .....	2,257	46.64	104.1	2,305	47.61	105.8	1,443	29.83	71.7
1949 .....	2,401	48.05	110.2	2,445	48.94	112.0	1,597	31.96	77.0
1950 .....	2,534	52.23	118.7	2,581	53.13	120.6	1,665	34.28	82.8
1951 .....	2,833	58.86	138.5	2,886	59.95	140.4	1,885	39.16	98.4
1952 .....	3,109	63.09	147.4	3,159	64.05	149.3	2,083	42.35	105.6
1953 .....	3,267	65.02	154.4	3,322	66.10	156.5	2,222	44.20	111.5
<b>Transportation equipment:</b>									
1946 .....	—	39.85	94.2	—	40.45	95.4	—	24.99	62.0
1947 .....	—	44.75	102.5	—	45.27	103.6	—	30.51	74.6
1948 .....	2,419	48.90	113.2	2,442	49.33	114.2	1,627	34.07	83.7
1949 .....	2,465	50.54	117.8	2,494	51.08	118.8	1,706	34.93	88.2
1950 .....	2,647	55.06	125.7	2,680	55.67	126.8	1,825	37.91	94.3
1951 .....	2,867	58.18	138.2	2,895	58.66	139.0	2,096	42.45	109.7
1952 .....	3,095	64.13	151.6	3,127	64.66	152.5	2,201	45.51	118.2
1953 .....	3,406	65.45	157.2	3,438	65.11	158.2	2,444	47.00	123.3
<b>Non-ferrous metal products:</b>									
1946 .....	—	35.51	80.7	—	37.78	94.9	—	20.90	51.1
1947 .....	—	40.79	92.5	—	42.91	96.2	—	24.91	61.8
1948 .....	2,251	45.26	103.1	2,350	47.45	107.1	1,349	27.23	66.9
1949 .....	2,419	48.26	108.7	2,521	50.26	112.7	1,437	28.63	68.5
1950 .....	2,516	50.34	113.9	2,619	52.51	118.0	1,490	29.88	72.0
1951 .....	2,866	57.56	137.7	2,979	59.68	142.1	1,618	32.40	81.0
1952 .....	3,131	62.35	148.1	3,250	64.52	152.9	1,771	35.18	85.8
1953 .....	3,277	64.43	155.2	3,399	66.59	159.9	1,852	36.30	91.2
<b>Electrical apparatus and supplies:</b>									
1946 .....	—	32.39	77.3	—	36.34	85.1	—	24.38	60.5
1947 .....	—	39.11	91.8	—	43.28	99.5	—	30.04	73.8
1948 .....	2,125	44.06	105.4	2,319	48.01	112.7	1,314	33.42	84.6
1949 .....	2,288	46.10	109.5	2,493	50.38	117.7	1,740	35.18	87.3
1950 .....	2,414	49.90	117.7	2,649	55.03	127.1	1,788	37.14	92.4
1951 .....	2,673	56.03	135.0	2,932	61.24	144.1	1,982	41.41	107.0
1952 .....	2,929	59.28	140.8	3,181	64.59	150.9	2,201	44.67	111.4
1953 .....	2,994	60.65	145.1	3,298	67.24	158.0	2,259	46.05	114.8
<b>Non-metallic mineral products:</b>									
1946 .....	—	32.78	71.1	—	34.11	73.2	—	21.97	52.3
1947 .....	—	38.93	83.9	—	40.20	85.9	—	27.75	63.8
1948 .....	2,080	43.20	93.1	2,138	44.46	95.0	1,443	30.00	70.1
1949 .....	2,193	45.22	98.3	2,252	46.45	100.1	1,540	31.10	74.4
1950 .....	2,338	48.72	105.0	2,408	50.26	107.4	1,500	31.32	75.3
1951 .....	2,616	54.77	121.7	2,699	56.31	124.3	1,646	34.33	85.4
1952 .....	2,842	58.27	129.2	2,931	60.20	132.3	1,750	35.94	89.4
1953 .....	2,990	60.28	135.8	3,084	62.26	139.2	1,884	38.03	92.9
<b>Products of petroleum and coal:</b>									
1946 .....	—	37.88	90.4	—	38.01	90.5	—	—	—
1947 .....	—	44.02	104.6	—	44.06	104.7	—	—	—
1948 .....	2,435	50.14	119.1	2,445	50.18	119.2	1,345	—	—
1949 .....	2,602	52.54	125.4	2,613	52.58	125.5	1,435	—	—
1950 .....	2,776	56.00	135.6	2,787	56.09	135.8	1,532	—	—
1951 .....	3,172	67.15	162.2	3,181	67.32	162.6	1,750	—	—
1952 .....	3,595	72.33	174.3	3,607	72.50	174.7	1,984	—	—
1953 .....	3,729	76.96	184.8	3,739	77.17	185.2	2,056	—	—
<b>Chemicals and allied products:</b>									
1946 .....	—	32.46	73.1	—	35.97	79.4	—	19.35	47.2
1947 .....	—	37.14	84.8	—	40.90	91.5	—	21.99	54.7
1948 .....	2,029	41.05	93.3	2,227	45.03	100.3	1,223	24.72	61.2
1949 .....	2,194	43.28	97.7	2,404	47.40	105.1	1,334	26.32	64.5
1950 .....	2,325	46.52	107.2	2,541	50.54	114.6	1,410	28.07	70.0
1951 .....	2,612	52.78	123.6	2,845	57.03	131.7	1,579	31.64	79.9
1952 .....	2,827	56.56	133.7	3,073	61.20	143.0	1,718	34.21	86.4
1953 .....	2,995	58.72	138.9	3,255	63.57	148.3	1,823	35.63	90.2
<b>Miscellaneous industries:</b>									
1946 .....	—	26.94	62.8	—	30.91	70.4	—	19.43	47.4
1947 .....	—	31.18	73.7	—	35.75	81.8	—	22.67	57.1
1948 .....	1,652	33.84	80.0	1,920	39.33	90.2	1,244	25.49	63.1
1949 .....	1,718	35.14	82.1	2,006	41.38	93.4	1,292	26.66	65.5
1950 .....	1,803	38.01	88.8	2,106	44.48	100.4	1,365	28.83	71.0
1951 .....	2,063	41.63	99.6	2,411	48.93	113.0	1,529	31.01	78.5
1952 .....	2,186	44.05	103.9	2,574	52.98	119.6	1,555	32.00	80.4
1953 .....	2,343	47.47	112.4	2,760	56.37	128.8	1,673	34.17	85.4

Note: Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

**Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees.** Beginning with 1946 the survey on weekly earnings and hours worked by production workers was expanded to include office employees as well. The survey covers establishments employing 15 hands or over and refers to the last week in November for 1946 and 1947, and to the last week in October for 1948-53. Earnings and hours worked are reported for male and female workers separately in 13 groups of hours, ranging from 30 hours or less to 65 hours or more. The earnings reported for the week is the gross amount paid before deductions for income tax, unemployment insurance, etc. Weekly and hourly earnings as well as the hours worked are thus obtained directly from the tabulated results of the establishments covered. The annual earnings, however, have to be calculated as they are not directly obtained from the survey. To calculate annual earnings the results on weekly earnings are correlated with the results obtained through the annual Census of Industry. The following case will illustrate the method used.

In 1949 the paper products group, according to the annual census of industry, reported 9,077 male and 3,573 female office employees with total payments of \$46,537,336. From the October survey on weekly earnings this group showed \$77.41 per week for male and \$34.88 per week for female office employees. The proportion of female to male earnings is therefore  $.451 \left( \frac{\$34.88}{\$77.41} \right)$ . Female employees are first reduced to a male basis and the calculation is then as follows:

**Annual Earnings of Male Employees**

$$\frac{\$46,537,336}{9,077 + .451(3,573)} = \frac{\$46,537,336}{10,688} = \$4,354$$

**Annual Earnings of Female Employees**

$$\$4,354 \times .451 = \$1,964$$

**Average Weekly and Hourly Earnings of Male and Female Supervisory and Office Employees by Provinces and Industrial Groups, 1953**

Province and Industrial Group	Male earnings		Female earnings	
	Weekly	Hourly	Weekly	Hourly
	\$	\$	\$	\$
<b>Province</b>				
Newfoundland.....	78.07	1.86	34.44	0.84
Prince Edward Island.....	64.81	1.58	31.15	0.79
Nova Scotia.....	72.01	1.76	35.48	0.91
New Brunswick.....	73.48	1.79	35.25	0.87
Quebec.....	84.12	2.12	42.33	1.12
Ontario.....	89.28	2.28	44.23	1.18
Manitoba.....	76.47	1.90	37.98	0.98
Saskatchewan.....	71.66	1.74	40.16	1.02
Alberta.....	79.64	1.97	42.05	1.08
British Columbia.....	89.70	2.26	43.84	1.14
<b>Canada.....</b>	<b>86.43</b>	<b>2.19</b>	<b>43.13</b>	<b>1.14</b>
<b>Industrial group</b>				
Foods and beverages.....	78.32	1.93	41.55	1.08
Tobacco and tobacco products.....	86.27	2.31	49.05	1.32
Rubber products.....	82.25	2.10	41.84	1.10
Leather products.....	73.25	1.80	37.24	0.98
Textile products (except clothing).....	84.77	2.09	40.87	1.07
Clothing (textile and fur).....	78.81	1.94	40.18	1.05
Wood products.....	81.52	1.94	40.28	1.05
Paper products.....	102.39	2.67	45.92	1.24
Printing, publishing and allied industries.....	78.01	2.09	40.95	1.11
Iron and steel products.....	86.02	2.19	42.71	1.14
Transportation equipment.....	90.20	2.24	45.93	1.18
Non-ferrous metal products.....	93.16	2.34	44.44	1.18
Electrical apparatus and supplies.....	87.17	2.25	45.04	1.19
Non-metallic mineral products.....	85.84	2.15	43.36	1.17
Products of petroleum and coal.....	111.87	2.98	52.95	1.46
Chemicals and allied products.....	88.12	2.29	44.90	1.19
Miscellaneous industries.....	84.11	2.14	42.08	1.11

In the foregoing calculation the assumption is made that annual earnings of male and female employees vary in the same proportion as their weekly earnings. In the above illustration it may also be noted that the calculated annual earnings for male employees amounting to \$4,354 are higher than the weekly earnings multiplied by 52 which total only \$4,025 (\$77.41 x 52). This difference is due to the fact that the earnings reported to the Census of Industry include payments to executives as well as bonuses to employees which are usually paid at the end of the year, while the earnings reported for the one week in the year exclude such payments.

It is the intention in future to alternate the system of classifying employees. One year the basis will be the hours worked per week and the following year it will be on the basis of the earnings per week. Information will thus be made available on both the number of hours worked as well as the range of weekly earnings of employees engaged in manufacturing.

Annual earnings of male office employees in 1953 averaged \$4,327, weekly earnings \$86.43 and hourly earnings \$2.19. For female office employees annual earnings averaged \$2,159, weekly earnings \$43.13 and hourly earnings \$1.14. Average annual earnings of all office employees totalled \$3,707 in 1953, an increase of 63 p.c. since 1946. Weekly earnings at \$73.87 were 68 p.c. higher and hourly earnings at \$1.89 were 78 p.c. higher.

The following table gives the weekly and hourly earnings of male and female office employees for each province and major industrial group for the year 1953.

**TABLE 38. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Workers Employed in the Manufacturing Industries, 1946-53**

Year	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	\$	\$	\$	\$	\$	\$	\$	\$	\$
1946.....	2,270	43.85	1.067	—	53.21	1.267	—	25.91	0.656
1947.....	2,484	49.78	1.232	—	60.21	1.461	—	28.68	0.737
1948.....	2,687	52.91	1.313	3,147	63.47	1.544	1,551	31.26	0.805
1949.....	2,836	54.85	1.368	3,317	65.37	1.602	1,655	32.62	0.845
1950.....	2,998	58.74	1.480	3,507	69.35	1.725	1,739	34.38	0.895
1951.....	3,296	65.98	1.670	3,852	77.55	1.939	1,907	38.42	1.006
1952.....	3,513	70.75	1.796	3,985	82.60	2.070	2,323	41.26	1.086
1953.....	3,707	73.87	1.894	4,327	86.43	2.188	2,159	43.13	1.138

**TABLE 39. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Provinces, 1946-53**

Year and Province	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	\$	\$	cents	\$	\$	cents	\$	\$	cents
Newfoundland:									
1950.....	1,921	54.95	128.9	2,087	63.33	146.7	868	26.55	66.6
1951.....	2,383	62.04	144.3	2,604	70.71	163.3	1,135	30.80	73.3
1952.....	2,345	62.62	146.7	2,529	71.47	166.2	1,275	31.55	76.4
1953.....	2,403	68.54	164.0	2,620	78.07	185.9	1,554	34.44	84.0
Prince Edward Island:									
1950.....	1,571	40.35	98.4	1,747	48.55	118.5	896	24.92	60.6
1951.....	1,715	46.90	108.1	1,918	55.98	126.4	917	26.75	64.8
1952.....	1,909	49.63	120.2	2,117	59.33	142.3	1,050	29.40	72.4
1953.....	2,009	53.69	132.6	2,260	64.81	158.1	1,087	31.15	78.5
Nova Scotia:									
1946.....	—	39.89	92.5	—	46.36	106.2	—	23.54	57.8
1947.....	—	45.34	108.2	—	53.44	125.4	—	25.67	64.2
1948.....	2,036	48.42	116.1	2,292	56.49	133.2	1,107	27.29	68.4
1949.....	2,179	50.47	124.6	2,455	59.45	145.3	1,169	28.29	71.4
1950.....	2,335	52.55	128.8	2,635	61.20	149.3	1,257	29.18	72.8
1951.....	2,500	58.43	140.1	2,821	67.83	160.4	1,329	31.95	79.5
1952.....	2,653	60.30	142.6	2,936	68.54	158.7	1,691	34.74	87.3
1953.....	2,775	62.82	155.1	3,122	72.01	176.1	1,539	35.48	90.5
New Brunswick:									
1946.....	—	40.33	93.3	—	48.25	108.9	—	22.68	55.4
1947.....	—	44.59	102.3	—	53.56	120.1	—	24.78	60.1
1948.....	2,204	46.70	109.3	2,516	55.94	127.7	1,208	26.86	66.5
1949.....	2,233	48.42	113.1	2,568	57.64	131.6	1,243	27.88	68.6
1950.....	2,404	51.60	122.9	2,774	61.40	142.8	1,298	28.71	72.5
1951.....	2,757	57.65	137.9	3,175	68.64	161.1	1,467	31.72	79.1
1952.....	2,910	61.83	149.0	3,258	71.50	169.4	1,867	35.44	89.7
1953.....	3,096	62.96	153.9	3,564	73.48	178.8	1,711	35.25	86.8
Quebec:									
1946.....	—	44.57	107.4	—	53.30	125.4	—	26.63	67.2
1947.....	—	49.45	121.8	—	59.09	143.1	—	28.95	74.0
1948.....	2,699	52.39	129.0	3,119	62.20	150.2	1,581	31.52	80.8
1949.....	2,812	54.66	135.3	3,256	64.41	156.7	1,670	33.05	85.2
1950.....	2,981	58.10	146.0	3,461	68.13	168.2	1,747	34.41	89.6
1951.....	3,241	64.67	162.9	3,769	75.77	188.0	1,858	37.32	98.0
1952.....	3,482	68.88	174.4	3,929	79.92	199.8	2,310	40.52	106.1
1953.....	3,670	72.23	184.3	4,260	84.12	211.9	2,143	42.33	111.7
Ontario:									
1946.....	—	43.82	108.2	—	54.19	131.2	—	25.87	66.0
1947.....	—	50.46	126.1	—	62.01	152.0	—	28.84	75.0
1948.....	2,816	53.63	134.7	3,373	65.20	160.5	1,626	31.40	81.8
1949.....	2,990	55.32	139.3	3,563	66.81	165.4	1,746	32.74	85.5
1950.....	3,150	59.81	152.2	3,749	71.40	179.4	1,830	34.84	91.4
1951.....	3,489	67.29	172.5	4,135	79.67	201.7	2,051	39.49	104.2
1952.....	3,691	72.73	186.5	4,236	85.77	216.6	2,461	42.24	112.0
1953.....	3,892	75.69	195.6	4,609	89.28	227.8	2,281	44.23	117.6



**TABLE 39. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Provinces, 1946-53 - Concluded**

Year and Province	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	\$	\$	\$	\$	\$	cents	\$	\$	cents
<b>Manitoba</b>									
1946.....	—	41.46	97.1	—	48.93	113.0	—	23.76	57.8
1947.....	—	46.07	110.5	—	54.62	129.4	—	26.07	64.5
1948.....	2,563	49.68	118.8	2,981	58.98	138.8	1,404	28.21	69.8
1949.....	2,729	52.98	128.3	3,150	62.19	148.4	1,534	30.30	75.9
1950.....	2,818	54.21	132.5	3,239	62.42	151.1	1,662	32.01	80.4
1951.....	3,050	60.57	150.3	3,519	70.20	173.3	1,756	35.06	88.5
1952.....	3,219	64.14	160.8	3,638	73.66	182.3	2,114	37.27	96.8
1953.....	3,419	66.35	166.3	3,955	76.47	190.2	1,966	37.98	97.9
<b>Saskatchewan:</b>									
1946.....	—	38.78	90.4	—	46.10	105.5	—	24.20	58.6
1947.....	—	41.95	99.6	—	50.47	117.4	—	25.90	63.2
1948.....	1,937	44.90	107.1	2,216	54.52	128.6	1,148	28.25	68.7
1949.....	2,085	45.18	107.0	2,364	53.23	124.6	1,300	29.30	71.3
1950.....	2,317	49.76	118.2	2,640	58.13	136.8	1,468	32.34	78.3
1951.....	2,444	56.35	136.4	2,764	64.97	156.2	1,584	37.25	91.1
1952.....	2,605	58.08	140.0	2,871	67.22	160.0	1,883	38.11	94.6
1953.....	2,809	61.30	150.6	3,167	71.66	173.5	1,774	40.16	101.9
<b>Alberta:</b>									
1946.....	—	39.34	91.7	—	46.30	106.2	—	23.66	57.0
1947.....	—	44.32	104.5	—	51.68	120.2	—	26.62	64.9
1948.....	2,122	48.20	113.4	2,382	55.81	129.2	1,239	29.04	71.3
1949.....	2,311	51.80	122.7	2,610	60.06	140.3	1,334	30.72	75.6
1950.....	2,454	55.05	133.3	2,777	62.62	150.2	1,441	32.47	81.6
1951.....	2,558	62.06	150.3	2,870	71.12	171.0	1,487	36.86	91.5
1952.....	2,888	67.20	165.9	3,183	76.73	187.6	1,919	40.55	102.9
1953.....	3,081	69.93	174.8	3,484	79.64	197.1	1,840	42.05	108.4
<b>British Columbia:</b>									
1946.....	—	46.59	111.2	—	54.10	127.6	—	27.36	67.4
1947.....	—	52.89	130.3	—	61.70	150.5	—	30.07	75.7
1948.....	2,522	56.38	138.8	2,835	65.16	158.9	1,451	33.40	84.5
1949.....	2,758	57.91	143.3	3,133	66.92	164.4	1,579	33.73	85.2
1950.....	2,871	60.83	152.5	3,242	69.77	173.6	1,637	35.23	90.3
1951.....	3,174	71.10	177.8	3,606	81.66	203.1	1,767	40.03	102.4
1952.....	3,414	74.54	188.2	3,785	84.76	211.9	2,131	42.00	109.7
1953.....	3,609	78.41	199.0	4,075	89.70	225.9	1,993	43.84	114.2

Note. Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

**TABLE 40. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Industrial Groups, 1946-53**

Year and Group	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	\$	\$	cents	\$	\$	cents	\$	\$	cents
<b>Foods and beverages:</b>									
1946.....	—	41.33	97.9	—	49.90	115.5	—	24.62	61.1
1947.....	—	47.23	114.6	—	57.19	136.1	—	27.75	69.9
1948.....	2,384	52.01	125.6	2,792	62.62	147.0	1,348	30.24	76.7
1949.....	2,518	52.31	126.9	2,930	62.27	147.7	1,490	31.64	80.3
1950.....	2,693	55.06	134.6	3,129	64.05	154.3	1,608	32.92	83.8
1951.....	2,941	61.78	152.5	3,406	71.15	173.1	1,785	37.29	95.4
1952.....	3,103	64.68	159.7	3,500	73.74	179.4	2,145	39.65	102.5
1953.....	3,325	68.37	170.9	3,856	78.32	192.9	2,044	41.55	108.2
<b>Tobacco and tobacco products:</b>									
1946.....	—	39.94	96.7	—	51.45	122.2	—	25.17	62.3
1947.....	—	44.21	109.4	—	54.68	133.0	—	28.96	73.9
1948.....	2,863	52.47	130.5	3,412	64.94	159.1	1,836	34.92	88.8
1949.....	3,109	54.17	135.4	3,667	65.26	161.1	2,057	36.63	93.4
1950.....	3,256	57.86	150.7	3,821	67.18	174.0	2,247	39.48	104.2
1951.....	3,665	66.73	178.9	4,390	78.21	208.6	2,379	42.41	115.2
1952.....	3,922	68.33	182.2	4,408	78.96	209.4	3,055	47.34	127.3
1953.....	4,351	73.72	197.6	5,149	86.27	230.7	2,930	49.05	131.9
<b>Rubber products:</b>									
1946.....	—	44.97	111.3	—	54.64	133.6	—	25.17	64.2
1947.....	—	48.69	123.9	—	58.64	147.7	—	27.34	71.2
1948.....	2,800	51.84	132.2	3,333	61.95	156.0	1,606	29.88	78.2
1949.....	2,974	53.70	137.0	3,491	63.53	160.0	1,697	30.90	80.9
1950.....	3,070	58.09	146.7	3,597	67.97	169.5	1,759	33.26	86.4
1951.....	3,361	63.90	166.8	3,926	74.59	194.2	1,967	37.40	98.4
1952.....	3,572	67.63	174.8	3,999	78.53	200.8	2,415	40.87	107.8
1953.....	3,632	71.04	182.6	4,210	82.25	210.4	2,143	41.84	109.5

TABLE 40. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Industrial Groups, 1946-53 - Continued

Year and Group	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	\$	\$	cents	\$	\$	cents	\$	\$	cents
<b>Leather products:</b>									
1946.....	—	37.93	82.0	—	45.12	101.4	—	23.66	58.7
1947.....	—	45.06	107.5	—	54.25	125.6	—	26.21	67.0
1948.....	2,898	47.20	114.0	3,409	56.83	133.7	1,684	28.08	71.6
1949.....	3,033	48.95	117.9	3,533	57.94	136.0	1,819	29.86	76.2
1950.....	3,103	51.36	124.7	3,640	61.26	145.2	1,838	30.92	78.9
1951.....	3,264	56.30	140.0	3,795	66.47	161.3	1,958	34.33	90.1
1952.....	3,396	58.74	145.4	3,864	69.22	168.0	2,326	35.35	92.1
1953.....	3,623	61.71	155.1	4,256	73.25	180.4	2,162	37.24	98.3
<b>Textile products (except clothing):</b>									
1946.....	—	48.08	115.8	—	59.30	139.2	—	27.07	68.7
1947.....	—	50.19	121.8	—	62.82	149.2	—	27.53	69.9
1948.....	3,111	53.32	130.0	3,856	66.48	157.9	1,742	30.02	76.6
1949.....	3,199	53.69	130.9	3,884	65.47	156.2	1,864	31.46	80.2
1950.....	3,369	58.61	145.8	4,134	71.48	174.8	1,914	33.08	85.5
1951.....	3,655	65.41	164.3	4,465	79.67	196.7	2,063	36.78	95.8
1952.....	3,700	68.65	174.2	4,313	82.79	207.0	2,480	39.50	103.1
1953.....	3,827	70.73	178.2	4,635	84.77	209.3	2,234	40.87	107.3
<b>Clothing (textile and fur):</b>									
1946.....	—	38.00	91.5	—	47.65	111.6	—	25.13	63.1
1947.....	—	44.91	110.1	—	57.75	137.5	—	28.30	72.2
1948.....	3,004	45.97	112.4	3,691	58.76	139.2	1,897	30.22	76.7
1949.....	3,132	48.04	118.3	3,817	60.25	144.5	2,031	32.08	82.0
1950.....	3,233	51.12	127.8	3,964	64.27	157.1	2,057	33.33	86.1
1951.....	3,375	57.54	145.7	4,157	72.45	179.3	2,116	36.85	96.2
1952.....	3,561	60.73	153.7	4,136	76.11	188.9	2,639	38.74	100.9
1953.....	3,674	62.41	157.6	4,541	78.81	194.1	2,316	40.18	105.2
<b>Wood products:</b>									
1946.....	—	42.65	97.6	—	50.08	110.8	—	24.92	62.0
1947.....	—	50.11	117.6	—	58.70	134.0	—	27.43	69.2
1948.....	1,727	51.99	122.6	1,853	60.46	138.6	917	29.93	76.1
1949.....	1,905	54.15	127.7	2,038	62.56	143.8	1,015	31.14	79.0
1950.....	2,079	56.92	136.5	2,227	65.90	154.7	1,109	32.85	83.8
1951.....	2,250	64.48	155.4	2,407	74.34	174.9	1,204	37.16	96.0
1952.....	2,366	67.77	163.3	2,505	77.06	180.9	1,435	38.83	101.1
1953.....	2,534	71.35	173.2	2,717	81.52	193.6	1,342	40.28	104.6
<b>Paper products:</b>									
1946.....	—	52.29	127.8	—	62.49	150.2	—	27.45	69.7
1947.....	—	59.44	149.0	—	70.72	175.0	—	31.33	81.1
1948.....	3,475	62.64	155.8	4,069	73.69	181.0	1,921	34.82	90.0
1949.....	3,679	65.57	164.3	4,354	77.41	191.6	1,964	34.88	90.8
1950.....	3,866	68.96	176.4	4,576	81.14	204.9	2,009	35.64	94.3
1951.....	4,338	79.57	204.6	5,147	93.92	239.0	2,224	40.60	106.8
1952.....	4,618	83.19	216.6	5,318	97.11	250.9	2,803	43.80	117.1
1953.....	4,808	87.68	230.7	5,693	102.39	267.3	2,550	45.92	123.8
<b>Printing, publishing and allied industries:</b>									
1946.....	—	37.07	92.9	—	45.76	112.7	—	24.30	62.3
1947.....	—	41.86	106.0	—	50.21	125.5	—	26.84	69.3
1948.....	2,400	43.75	112.2	2,860	53.76	136.4	1,533	28.82	75.2
1949.....	2,368	46.55	120.3	2,879	57.12	145.7	1,526	30.30	80.1
1950.....	2,500	50.71	132.7	3,040	61.75	161.2	1,602	32.56	85.7
1951.....	2,749	57.20	149.7	3,352	69.61	180.8	1,773	36.83	97.4
1952.....	3,003	61.13	161.3	3,498	74.67	196.5	2,200	38.48	102.3
1953.....	3,142	63.88	171.3	3,840	78.01	208.6	2,016	40.95	110.7
<b>Iron and steel products:</b>									
1946.....	—	50.14	122.6	—	52.88	127.4	—	25.43	64.7
1947.....	—	50.22	124.9	—	59.60	146.1	—	27.92	72.3
1948.....	2,865	53.41	133.2	3,358	63.09	155.0	1,617	30.35	78.6
1949.....	3,095	55.77	140.1	3,574	65.17	161.7	1,752	32.13	83.7
1950.....	3,215	59.71	151.2	3,715	69.29	173.7	1,817	33.91	88.5
1951.....	3,635	67.65	173.0	4,195	78.15	197.3	2,056	38.30	101.0
1952.....	3,879	71.71	183.4	4,369	82.53	208.9	2,473	40.62	106.9
1953.....	3,993	74.88	192.5	4,598	86.02	218.9	2,285	42.71	113.6
<b>Transportation equipment:</b>									
1946.....	—	50.14	118.8	—	57.95	135.4	—	28.08	69.3
1947.....	—	55.47	134.9	—	64.15	154.2	—	30.62	77.1
1948.....	3,807	59.72	143.5	3,494	68.03	161.6	1,768	34.44	85.7
1949.....	3,277	62.04	149.5	3,713	71.01	169.5	1,827	34.95	87.1
1950.....	3,521	66.98	161.8	3,980	76.07	182.0	1,998	38.21	96.0
1951.....	3,733	71.39	174.1	4,214	80.85	195.8	2,162	41.51	104.0
1952.....	3,909	77.61	186.1	4,346	87.79	206.6	2,516	44.92	114.6
1953.....	4,301	79.43	199.1	4,876	90.20	224.4	2,482	45.93	118.4

**TABLE 40. Average Annual, Weekly and Hourly Earnings of Supervisory and Office Employees in the Manufacturing Industries, by Industrial Groups, 1946-53 - Concluded**

Year and Group	All employees			Male employees			Female employees		
	Annual	Weekly	Hourly	Annual	Weekly	Hourly	Annual	Weekly	Hourly
	\$	\$	cents	\$	\$	cents	\$	\$	cents
<b>Non-ferrous metal products:</b>									
1946.....	—	47.22	113.5	—	57.07	134.6	—	27.71	69.1
1947.....	—	54.49	133.2	—	64.87	155.9	—	30.41	77.6
1948.....	2,921	57.70	140.7	3,426	68.57	164.4	1,644	32.91	84.1
1949.....	3,189	60.25	147.3	3,776	71.43	170.9	1,794	33.95	87.5
1950.....	3,349	63.55	159.3	3,938	74.95	184.6	1,855	35.27	92.1
1951.....	3,585	73.63	185.9	4,188	85.63	213.0	1,968	40.21	105.5
1952.....	3,870	78.70	201.8	4,402	90.39	229.4	2,373	42.39	112.1
1953.....	4,057	80.30	203.8	4,693	93.16	233.5	2,239	44.44	117.6
<b>Electrical apparatus and supplies:</b>									
1946.....	—	45.46	114.8	—	54.74	136.5	—	27.68	71.7
1947.....	—	50.08	125.5	—	60.51	149.0	—	29.66	76.8
1948.....	2,767	52.96	135.8	3,267	62.39	158.7	1,735	33.14	86.5
1949.....	2,990	55.15	141.4	3,489	64.32	163.6	1,877	34.58	90.3
1950.....	3,083	58.61	151.8	3,608	68.11	175.5	1,905	35.99	94.7
1951.....	3,468	64.82	167.1	4,055	75.51	192.1	2,060	38.37	102.0
1952.....	3,691	70.83	184.0	4,170	81.92	211.1	2,527	42.95	114.2
1953.....	3,925	75.07	194.5	4,565	87.17	224.7	2,360	45.04	118.8
<b>Non-metallic mineral products:</b>									
1946.....	—	43.29	104.5	—	50.47	119.3	—	25.96	66.2
1947.....	—	50.43	123.3	—	58.09	140.6	—	29.76	74.4
1948.....	2,642	53.45	132.0	3,005	62.03	150.2	1,512	31.22	81.7
1949.....	2,837	53.94	135.2	3,218	62.87	154.1	1,635	31.96	84.5
1950.....	2,970	58.29	146.8	3,388	67.41	167.3	1,701	33.85	89.1
1951.....	3,297	66.34	168.8	3,793	76.94	192.8	1,904	38.61	102.7
1952.....	3,511	71.45	186.1	3,951	82.48	211.5	2,276	41.15	111.8
1953.....	3,736	74.31	189.6	4,304	85.84	215.1	2,174	43.36	116.9
<b>Products of petroleum and coal:</b>									
1946.....	—	47.66	120.6	—	54.05	135.4	—	26.33	68.9
1947.....	—	55.06	141.9	—	61.43	157.1	—	32.07	86.0
1948.....	2,925	59.97	157.0	3,258	66.31	172.2	1,753	35.68	96.2
1949.....	3,100	61.40	161.6	3,490	68.49	177.4	1,769	34.70	96.1
1950.....	3,260	65.59	178.7	3,662	72.64	194.2	1,941	38.52	113.0
1951.....	3,662	74.52	194.1	4,147	81.92	211.7	2,161	42.72	115.1
1952.....	4,092	95.23	259.5	4,620	108.63	293.6	2,504	51.57	143.6
1953.....	4,217	98.27	264.2	4,881	111.87	298.3	2,309	52.95	146.3
<b>Chemicals and allied products:</b>									
1946.....	—	43.88	111.1	—	55.92	139.8	—	27.08	69.8
1947.....	—	49.19	126.1	—	62.01	157.0	—	30.28	79.0
1948.....	2,801	51.60	133.0	3,394	63.56	161.7	1,731	32.41	85.3
1949.....	2,883	54.89	141.8	3,481	67.30	171.7	1,782	34.46	91.1
1950.....	3,035	59.87	156.3	3,671	71.22	183.6	1,858	36.05	96.1
1951.....	3,379	66.37	171.9	4,061	78.79	202.5	2,079	40.31	106.1
1952.....	3,626	71.48	186.1	4,205	84.46	218.2	2,527	42.95	113.3
1953.....	3,808	74.59	194.8	4,581	88.12	228.9	2,336	44.90	119.1
<b>Miscellaneous industries:</b>									
1946.....	—	39.89	92.5	—	51.41	122.7	—	25.62	66.2
1947.....	—	45.34	108.2	—	61.81	150.0	—	29.22	75.7
1948.....	2,036	48.42	116.1	3,148	61.75	149.9	1,587	31.15	81.5
1949.....	2,179	50.47	124.6	3,435	63.44	154.3	1,700	31.43	83.6
1950.....	3,059	54.51	136.3	3,685	66.78	173.9	1,865	33.78	88.0
1951.....	3,246	60.89	156.5	3,960	75.50	188.3	1,925	36.73	99.3
1952.....	3,436	66.57	173.8	3,962	80.66	204.2	2,413	40.57	113.0
1953.....	3,733	69.21	177.9	4,053	84.11	213.5	2,027	42.08	111.3

Note. Average annual earnings cannot be calculated without a recompilation of the figures for 1946 and 1947 on the new standard classification basis.

A survey of weekly earnings of supervisory and office employees, classified into (a) managerial and professional employees and (b) office workers was undertaken for the first time in 1951, and it is intended to repeat this survey every third year in the future. According to Table 41 below, weekly earnings for both sexes in 1951 averaged \$98.38 for managerial and professional employees and \$51.14 for office workers. Newfoundland with \$116.20 for both sexes was the highest paying province as regards managerial and professional employees, while British Columbia with \$55.75 was the highest paying province for office workers.

In the managerial classification, male employees in the paper products group with \$126.91 per week were the highest paid, followed by textile products (except clothing) with

\$105.45, transportation equipment \$104.51, iron and steel products \$102.32, non-ferrous metal products \$101.79, products of petroleum and coal \$101.13, etc. Employees in the tobacco products group with \$86.56 were the lowest. In the same category, female employees of the transportation equipment group with \$60.71 were the highest, while female employees in the miscellaneous industries group with \$52.44 were the lowest paid.

In the office workers classification, the male employees in the tobacco products group received the highest weekly earnings of \$70.18 while male employees in the printing, publishing and allied industries group received the lowest earnings of \$53.89. In the case of female employees tobacco products ranked first with \$41.53 and leather products last with \$33.56.

**TABLE 41. Average Weekly Earnings of the Supervisory and Office Employees in the Manufacturing Industries of Canada, Classified on the basis of (a) Managerial and Professional Employees and (b) Office Workers, by Province and Industrial Group, 1951**

	All supervisory and office employees			Managerial and professional employees			Office workers		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Province</b>									
Newfoundland.....	62.04	70.71	30.80	116.20	121.37	—	47.02	52.93	30.19
Prince Edward Island.....	46.90	55.98	26.75	—	—	—	—	—	—
Nova Scotia.....	58.43	67.83	31.95	88.62	89.34	—	49.00	57.87	31.66
New Brunswick.....	57.65	68.64	31.72	93.40	93.54	—	44.96	53.97	31.51
Quebec.....	64.67	75.77	37.32	99.57	101.30	56.35	50.04	58.82	36.54
Ontario.....	67.29	79.67	39.49	98.81	100.13	57.80	52.02	62.44	38.86
Manitoba.....	60.57	70.20	35.06	87.91	88.56	—	47.28	55.69	34.53
Saskatchewan.....	56.35	64.97	37.25	79.53	79.98	—	44.73	51.31	36.97
Alberta.....	62.06	71.12	36.86	89.23	89.66	—	49.32	57.25	36.48
British Columbia.....	71.10	81.66	40.03	100.95	101.78	59.14	55.75	65.46	39.52
<b>Canada.....</b>	<b>65.98</b>	<b>77.55</b>	<b>38.42</b>	<b>98.38</b>	<b>99.73</b>	<b>57.04</b>	<b>51.14</b>	<b>60.68</b>	<b>37.77</b>
<b>Industrial group</b>									
Foods and beverages.....	61.78	71.15	37.29	86.89	87.54	57.65	48.31	56.49	36.72
Tobacco and tobacco products.....	66.73	78.21	42.41	87.06	86.56	—	56.47	70.18	41.53
Rubber products.....	63.90	74.59	37.40	97.48	98.26	—	48.40	56.32	37.09
Leather products.....	56.30	66.47	34.33	90.22	91.58	—	45.78	53.97	33.56
Textile products (except clothing).....	65.41	79.67	36.78	103.41	105.45	54.65	48.21	58.75	36.08
Clothing (textile and fur).....	57.54	72.45	36.85	95.67	99.62	58.38	44.92	55.32	35.55
Wood products.....	64.48	74.34	37.16	96.70	97.48	59.47	52.56	61.33	36.69
Paper products.....	79.57	93.92	40.60	125.26	126.91	58.22	56.87	67.67	40.06
Printing, publishing and allied industries.....	57.20	69.61	36.83	90.05	93.55	54.20	45.02	53.89	35.65
Iron and steel products.....	67.65	78.15	38.30	101.60	102.32	58.37	53.99	63.14	37.94
Transportation equipment.....	71.39	80.85	41.51	104.15	104.51	60.71	57.79	66.15	41.32
Non-ferrous metal products.....	73.63	85.63	40.21	100.99	101.79	57.75	52.87	63.70	39.67
Electrical apparatus and supplies.....	64.82	75.51	38.37	96.41	97.51	57.99	52.67	62.06	37.83
Non-metallic mineral products.....	66.34	76.94	38.61	97.87	98.31	—	50.64	59.17	38.24
Products of petroleum and coal.....	74.52	81.92	42.72	99.87	101.13	—	56.48	63.15	40.72
Chemicals and allied products.....	66.37	78.79	40.31	93.97	95.77	55.44	47.81	56.55	39.41
Miscellaneous industries.....	60.89	75.50	36.73	95.30	97.11	52.44	45.96	56.66	36.20

**Distribution of Employees on the Basis of Weekly Earnings.**

Manufacturers were required to classify their male and female employees into 16 groups of earnings, from \$10 or less to \$100 or more, rising by \$5 intervals from \$10 to \$59.99, and by \$10 intervals from \$60 to \$99.99. The 1950 survey which covered the last pay period in October made available data on the distribution of employees by earnings groups for the first time since the Census of Manufactures survey in January 1944. The data in the two surveys are not strictly comparable, largely because the earlier surveys included establishments employing less than 15 persons and were conducted for a different period of the year. Also the 1944 survey reflected wartime conditions.

Variation in the provincial distribution of employees by amounts earned are obviously related to pay levels, occupational and sex differences, number of casual and part-time workers, and length of the working week in the more important industries in each area. Most of the employees in the low-earnings ranges are casually-employed workers, or those who do not work full time in the week. Part-time work is particularly common among women; the 1952 survey showed that 11.9 p.c. of the female production workers reported in manufacturing worked 30 hours or less, as compared with 4.6 p.c. for men. Short-time or casual work is characteristic of such industries

as fish processing and fruit and vegetable canning, the duration of employment depending on the immediate availability of materials.

The tremendous change in the level of incomes of factory workers since the war is strikingly illustrated in Table 42. Whereas in 1940 only 3 p.c. of male and none of the female production workers received \$50 or more per week, in 1953 these percentages jumped to 78 and 14 respectively. The percentage of employees in the lower income groups declined accordingly. Whereas in 1940, 72 p.c. of male production workers received less than \$30 per week, in 1953 the percentage declined to 5. For female production workers the percentage in these groups declined from 99 to 38.

For office workers information on the distribution by income groups is only available for 1944, 1950 and 1953. Earnings by office workers, too, advanced to unprecedented heights. The percentage of male office workers receiving \$50 or more per week rose to 88 in 1953 from 39 in 1944, while for females the percentage in 1953 was 25 as compared with none in 1944. Tables 43 and 42 give the distribution by income groups of male and female production workers as well as office workers by provinces and major industrial groups for 1953.

**TABLE 42. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings, 1934-53**

Year	Class Range										Average Weekly Earnings
	Under \$10.00	\$10.00 to \$19.99	\$20.00 to \$29.99	\$30.00 to \$39.99	\$40.00 to \$49.99	\$50.00 to \$59.99	\$60.00 to \$69.99	\$70.00 to \$79.99	\$80.00 to \$89.99	\$90.00 to \$99.99	\$100.00 and over
<b>Male production workers:</b>											
1934.....	12	43	32	10	2	1*	—	—	—	—	20.31
1936.....	10	40	35	11	3	1*	—	—	—	—	20.92
1940.....	6	29	37	19	6	3*	—	—	—	—	24.82
1944.....	3	9	25	31	20	9	2	1*	—	—	34.95
1950.....	1	2	5	14	26	28	14	6	2	1	50.93
1953.....	1	2	2	5	12	21	27	16	7	3	62.71



TABLE 42. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings, 1934-53 - Concluded

Year	Class Range											Average
	Under \$10.00	\$10.00 to \$19.99	\$20.00 to \$29.99	\$30.00 to \$39.99	\$40.00 to \$49.99	\$50.00 to \$59.99	\$60.00 to \$69.99	\$70.00 to \$79.99	\$80.00 to \$89.99	\$90.00 to \$99.99	\$100.00 and over	Weekly earnings
	per cent											\$
Female production workers:												
1934.....	34	61	4	1	—	—	—	—	—	—	—	11.80
1935.....	30	65	4	1*	—	—	—	—	—	—	—	12.20
1940.....	23	68	8	1*	—	—	—	—	—	—	—	13.52
1944.....	10	45	33	10	2	—	—	—	—	—	—	20.89
1950.....	3	16	35	30	12	2	1	—	1	—	—	29.00
1953.....	3	9	26	28	20	10	3	1	--	--	--	35.07
Male office employees:												
1944.....	1	6	13	21	20	15	9	15*	—	—	—	46.24
1950.....	—	1	5	8	13	19	17	12	8	5	12	69.35
1953.....	--	--	2	3	7	11	15	14	13	10	25	86.43
Female office employees:												
1944.....	2	31	52	13	2	—	—	—	—	—	—	23.79
1950.....	—	4	27	43	19	5	1	1	—	—	—	34.38
1953.....	--	2	9	30	34	17	5	2	1	--	--	43.13

\* And over.

-- Number too small to be significant.

- Nil.

TABLE 43. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Province, 1953

Province	Class range										Average weekly earnings
	Under \$20.00	\$20.00 to \$29.99	\$30.00 to \$39.99	\$40.00 to \$49.99	\$50.00 to \$59.99	\$60.00 to \$69.99	\$70.00 to \$79.99	\$80.00 to \$89.99	\$90.00 to \$99.99	\$100.00 and over	
	p.c.										\$
Male production workers:											
Newfoundland.....	8	7	9	14	14	14	12	9	5	8	60.50
Prince Edward Island <sup>1</sup> .....											42.90
Nova Scotia.....	3	6	12	19	24	25	6	3	1	1	53.15
New Brunswick.....	3	7	14	18	20	18	9	5	3	3	54.48
Quebec.....	1	4	9	16	22	23	12	6	3	4	59.72
Ontario.....	--	2	4	10	20	29	18	9	4	4	65.00
Manitoba.....	1	2	6	15	27	31	10	4	2	2	59.21
Saskatchewan.....	3	2	5	16	30	23	11	7	2	1	58.73
Alberta.....	1	2	3	14	25	29	15	7	2	2	61.66
British Columbia.....	2	2	2	5	13	35	22	9	5	5	68.10
Canada.....	3	2	5	12	21	27	16	7	3	4	62.71
Female production workers:											
Newfoundland.....	57	31	11	1	--	--	--	--	--	--	20.13
Prince Edward Island <sup>1</sup> .....											24.02
Nova Scotia.....	35	45	14	6	--	--	--	--	--	--	23.45
New Brunswick.....	33	25	28	10	3	1					26.51
Quebec.....	16	30	27	16	7	3	1	--	--	--	32.67
Ontario.....	8	20	29	25	13	4	1	--	--	--	37.74
Manitoba.....	13	34	30	15	6	1	1	--	--	--	31.98
Saskatchewan.....	10	15	27	28	16	4	--	--	--	--	37.62
Alberta.....	8	22	25	22	19	3	1	--	--	--	38.45
British Columbia.....	10	18	25	25	16	5	1	--	--	--	38.28
Canada.....	12	26	28	20	10	3	1	--	--	--	35.07
Male office employees:											
Newfoundland.....	1	7	8	12	11	10	12	10	6	23	78.07
Prince Edward Island <sup>1</sup> .....											64.81
Nova Scotia.....	--	2	7	15	15	16	12	12	6	15	72.01
New Brunswick.....	1	4	9	15	12	14	13	8	8	16	73.48
Quebec.....	--	3	5	8	12	15	13	11	9	24	84.12
Ontario.....	--	1	3	5	10	15	13	11	11	27	89.28
Manitoba.....	--	2	5	11	16	17	14	14	11	27	76.47
Saskatchewan.....	--	2	6	12	17	18	13	11	8	17	76.47
Alberta.....	1	2	4	8	13	14	10	8	8	13	71.66
British Columbia.....	--	1	2	5	8	16	16	12	10	18	79.64
Canada.....	--	2	3	7	11	13	14	16	13	28	89.70
Female office employees:											
Newfoundland.....	16	23	23	25	8	3	2	--	--	--	34.44
Prince Edward Island <sup>1</sup> .....											31.15
Nova Scotia.....	3	25	42	21	7	2	--	--	--	--	35.48
New Brunswick.....	4	29	39	19	6	2	1	--	--	--	35.25
Quebec.....	3	12	28	31	17	6	2	1	--	--	42.33
Ontario.....	2	5	29	36	19	6	2	1	--	--	44.23
Manitoba.....	1	18	42	24	11	3	1	--	--	--	37.98
Saskatchewan.....	1	7	41	38	9	3	1	--	--	--	40.16
Alberta.....	1	7	33	38	16	3	2	--	--	--	42.05
British Columbia.....	1	7	31	35	17	6	2	1	--	--	43.84
Canada.....	2	9	30	34	17	5	2	1	--	--	43.13

1. Breakdown by class range not available.

-- Number too small to be significant.

- Nil.

TABLE 44. Distribution of Employees in the Manufacturing Industries, by Classes of Weekly Earnings and by Sex and Industrial Group, 1953

Group	Class range										Average weekly earnings
	Under \$20.00	\$20.00 to \$29.99	\$30.00 to \$39.99	\$40.00 to \$49.99	\$50.00 to \$59.99	\$60.00 to \$69.99	\$70.00 to \$79.99	\$80.00 to \$89.99	\$90.00 to \$99.99	\$100.00 and over	
	per cent										\$
<b>Male production workers:</b>											
Foods and beverages .....	3	4	8	17	25	24	11	4	2	2	56.52
Tobacco and tobacco products .....	4	2	7	8	23	28	16	8	3	1	61.69
Rubber products .....	1	1	3	10	24	27	19	8	4	3	64.74
Leather products .....	8	12	16	24	21	13	5	1	--	--	45.27
Textile products (except clothing) .....	1	7	18	28	24	12	6	2	1	1	49.28
Clothing (textile and fur) .....	4	10	14	19	17	14	10	6	3	3	53.33
Wood products .....	3	5	12	20	21	23	9	4	2	1	54.36
Paper products .....	--	2	3	6	19	25	18	12	7	8	70.77
Printing, publishing and allied industries .....	3	5	8	10	8	12	15	15	9	15	71.65
Iron and steel products .....	--	2	3	8	22	29	19	9	4	4	66.10
Transportation equipment .....	--	1	2	7	20	39	17	7	3	4	66.11
Non-ferrous metal products .....	--	1	3	8	16	31	28	9	2	2	66.59
Electrical apparatus and supplies .....	--	2	3	9	20	27	19	11	5	4	67.24
Non-metallic mineral products .....	--	2	4	13	27	27	15	7	3	2	62.26
Products of petroleum and coal .....	--	--	2	2	8	25	25	21	8	9	77.17
Chemicals and allied products .....	--	1	3	13	24	28	18	7	3	3	63.57
Miscellaneous industries .....	3	5	11	20	21	18	11	5	3	3	56.37
<b>All groups .....</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>12</b>	<b>21</b>	<b>27</b>	<b>16</b>	<b>7</b>	<b>3</b>	<b>4</b>	<b>62.71</b>
<b>Female production workers:</b>											
Foods and beverages .....	18	27	27	19	7	1	1	--	--	--	32.31
Tobacco and tobacco products .....	3	11	10	34	25	14	2	1	--	--	46.99
Rubber products .....	5	10	21	40	18	5	1	--	--	--	41.73
Leather products .....	22	36	27	11	3	1	--	--	--	--	28.18
Textile products (except clothing) .....	7	23	37	26	6	1	--	--	--	--	35.34
Clothing (textile and fur) .....	17	34	28	13	5	2	1	--	--	--	30.94
Wood products .....	9	21	29	18	15	8	--	--	--	--	38.35
Paper products .....	8	24	34	23	9	2	--	--	--	--	35.77
Printing, publishing and allied industries .....	12	25	35	20	5	1	1	1	--	--	34.06
Iron and steel products .....	3	10	20	34	26	6	1	--	--	--	44.20
Transportation equipment .....	4	9	15	28	28	13	2	1	--	--	47.00
Non-ferrous metal products .....	9	23	29	22	12	4	1	--	--	--	36.30
Electrical apparatus and supplies .....	4	7	19	32	25	9	3	1	--	--	46.05
Non-metallic mineral products .....	6	22	26	30	12	3	1	--	--	--	38.03
Products of petroleum and coal <sup>1</sup> .....											
Chemicals and allied products .....	7	24	36	23	8	2	--	--	--	--	35.63
Miscellaneous industries .....	9	31	32	16	9	2	1	--	--	--	34.17
<b>All groups .....</b>	<b>12</b>	<b>26</b>	<b>28</b>	<b>20</b>	<b>10</b>	<b>3</b>	<b>1</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>35.07</b>
<b>Male office employees:</b>											
Foods and beverages .....	--	2	5	10	14	18	15	12	7	17	78.32
Tobacco and tobacco products .....	--	--	5	9	13	19	15	12	7	20	86.27
Rubber products .....	--	1	4	9	11	16	19	15	7	18	82.25
Leather products .....	--	3	8	13	15	19	14	9	4	15	73.25
Textile products (except clothing) .....	--	2	5	8	12	17	15	11	6	22	84.77
Clothing (textile and fur) .....	2	5	7	10	13	14	13	7	6	23	78.81
Wood products .....	--	2	4	9	14	16	14	11	8	22	81.52
Paper products .....	--	1	3	5	9	11	12	12	9	38	102.39
Printing, publishing and allied industries .....	3	5	7	10	11	12	12	10	8	22	78.01
Iron and steel products .....	--	1	3	7	11	15	15	14	10	24	86.02
Transportation equipment .....	--	--	2	5	9	13	12	15	15	29	90.20
Non-ferrous metal products .....	--	1	2	4	6	12	14	17	14	30	93.16
Electrical apparatus and supplies .....	--	1	2	5	10	15	16	15	12	24	87.17
Non-metallic mineral products .....	--	1	3	7	14	16	16	12	9	22	85.84
Products of petroleum and coal .....	--	--	2	5	7	8	12	11	10	45	111.87
Chemicals and allied products .....	--	1	3	7	11	14	13	14	11	26	88.12
Miscellaneous industries .....	1	2	4	7	12	15	14	14	8	23	84.11
<b>All groups .....</b>	<b>--</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>11</b>	<b>15</b>	<b>14</b>	<b>13</b>	<b>10</b>	<b>25</b>	<b>86.43</b>
<b>Female office employees:</b>											
Foods and beverages .....	3	9	33	34	15	5	1	--	--	--	41.55
Tobacco and tobacco products .....	--	7	17	25	39	9	3	--	--	--	49.05
Rubber products .....	--	8	36	38	14	3	1	--	--	--	41.84
Leather products .....	5	20	36	24	10	3	2	--	--	--	37.24
Textile products (except clothing) .....	1	12	37	32	13	3	1	1	--	--	40.87
Clothing (textile and fur) .....	4	18	30	25	14	5	2	1	--	1	40.18
Wood products .....	3	13	35	28	15	4	1	1	--	--	40.28
Paper products .....	1	5	26	34	21	8	4	1	--	--	45.92
Printing, publishing and allied industries .....	4	13	35	28	12	4	2	1	--	1	40.95
Iron and steel products .....	1	8	31	36	17	5	1	1	--	--	42.71
Transportation equipment .....	1	5	22	37	25	7	2	1	--	--	45.93
Non-ferrous metal products .....	2	6	27	36	20	6	2	--	1	--	44.44
Electrical apparatus and supplies .....	--	4	28	40	20	6	2	--	--	--	45.04
Non-metallic mineral products .....	1	6	34	35	16	5	2	--	1	--	43.36
Products of petroleum and coal .....	1	--	11	35	30	12	5	4	1	1	52.95
Chemicals and allied products .....	1	4	28	38	19	7	2	1	--	--	44.90
Miscellaneous industries .....	2	7	31	39	17	3	1	--	--	--	42.08
<b>All groups .....</b>	<b>2</b>	<b>9</b>	<b>30</b>	<b>34</b>	<b>17</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>--</b>	<b>--</b>	<b>43.13</b>

1. Information not available.

-- Number too small to be significant.

- Nil.

**Real Earnings of Employees in Recent Years.** When the index number representing the average yearly earnings of production workers is divided by the consumer price index, on the same base, a measure of "real" income is obtained. Index numbers for 1931 to 1953 are given in Table 45. In 1933,

the height of the depression, real earnings were 63.9 on the 1949 base. From then on they rose steadily and stood at 101.5 in 1944, an increase of about 59 p.c. In 1946 real earnings dropped to 94.6 and rose again to 117.0 in 1953.

**TABLE 45. Average Yearly Earnings, and Index Numbers of Earnings, Consumer Price Index and Real Earnings of Production Workers in the Manufacturing Industries, 1931-53**

Year	Payments to production workers	Average number employed	Average yearly earnings	Index numbers (1949=100)		
				Average yearly earnings	Consumer price index	Real value of average yearly earnings
	\$	No.	\$			
1931.....	415,277,895	437,149	950	46.0	67.9	67.7
1932.....	322,245,926	381,783	844	40.8	61.7	66.1
1933.....	296,929,878	382,022	777	37.6	58.8	63.9
1934.....	355,090,929	427,717	830	40.2	59.6	67.4
1935.....	399,012,697	458,734	870	42.1	59.9	70.3
1936.....	438,873,377	489,942	896	43.3	61.1	70.9
1937.....	525,743,562	544,624	965	46.7	63.0	74.1
1938.....	498,282,208	521,427	956	46.3	63.7	72.7
1939.....	519,971,819	533,342	975	47.2	63.2	74.7
1940.....	679,273,104	626,484	1,084	52.4	65.7	79.8
1941.....	978,525,782	802,234	1,220	59.0	69.6	84.8
1942.....	1,347,934,049	974,904	1,383	66.9	72.9	91.8
1943.....	1,598,434,879	1,047,873	1,525	73.8	74.2	99.5
1944.....	1,611,555,776	1,030,324	1,564	75.7	74.6	101.5
1945.....	1,427,915,830	928,665	1,538	74.4	75.0	99.2
1946.....	1,329,811,478	877,150	1,516	73.3	77.5	94.6
1947.....	1,611,232,166	940,650	1,713	82.9	84.8	97.8
1948.....	1,876,773,231	957,491	1,960	94.8	97.0	97.7
1949.....	1,963,462,720	949,656	2,067	100.0	100.0	100.0
1950.....	2,078,634,086	952,244	2,183	105.6	102.9	102.6
1951.....	2,459,566,313	1,010,588	2,434	117.8	113.7	103.6
1952.....	2,713,714,909	1,025,355	2,647	128.1	116.5	110.0
1953.....	2,940,338,939	1,053,226	2,792	135.1	115.5	117.0

**Percentages of Salaries and Wages to Net Value of Products.** Table 46 shows the relation between salaries and wages 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 salaries and wages, interest, rent, taxes, repairs and all other overhead charges that ordinarily must be met. The percentage of salaries declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to

1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 322 p.c. during the period 1917-53 while wage-earners increased 94 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to \$6,462,017,450, \$3,219,207,195 or 50 p.c. was passed along in increased salaries and wages.

**TABLE 46. Percentages of Salaries and Wages Paid to the Value Added by Manufacture, Significant Years, 1917-53**

	Value added by manufacture	Payments to		Percentages		
		Supervisory and office workers	Production workers	Office payments to value added	Production payments to value added	Total payments to value added
	\$	\$	\$	p.c.	p.c.	p.c.
1917.....	1,281,131,980	85,353,667	412,448,177			
1920.....	1,621,273,348	141,837,361	575,656,515	6.7	32.2	38.9
1921.....	1,123,694,263	130,094,076	367,305,685	8.7	35.5	44.2
1926.....	1,305,168,549	142,353,900	483,328,342	11.6	32.7	44.3
1929.....	1,755,386,937	175,553,710	601,737,507	10.9	37.0	47.9
1933.....	919,671,181	139,317,946	296,929,878	10.0	34.3	44.3
1937.....	1,508,924,867	195,983,475	525,743,562	15.1	32.3	47.4
1939.....	1,531,051,901	217,839,334	519,971,819	13.0	34.8	47.8
1944.....	4,015,776,010	418,065,594	1,611,555,776	14.2	34.0	48.2
1945.....	3,564,315,899	417,857,619	1,427,915,830	10.4	40.2	50.6
1946.....	3,467,004,980	410,875,776	1,329,811,478	11.7	40.1	51.8
1947.....	4,292,055,802	474,693,800	1,611,232,166	11.8	38.4	50.2
1948.....	4,938,786,981	532,594,959	1,876,773,231	11.0	37.6	48.6
1949.....	5,330,566,434	628,427,937	1,963,462,720	10.8	38.0	48.8
1950.....	5,942,058,229	692,633,349	2,078,634,086	11.8	36.8	48.6
1951.....	6,940,946,783	816,714,604	2,459,566,313	11.6	35.0	46.6
1952.....	7,443,533,199	923,905,251	2,713,714,909	11.8	35.4	47.2
1953.....	7,993,069,351	1,016,679,409	2,940,338,939	12.4	36.5	48.9
				12.7	36.8	49.5

1. Equivalent to "net value of products", see footnote 1, Table 1.

## Subsection 6. Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product or by the number of employees, but each of these methods has its limitations. The latter 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 an increase in production concurrently with a decrease in number of employees. The former 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.

**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 \$1,000,000 dropped again to 482, their output being valued at \$1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of \$1,000,000 or over jumped to 1,376 in 1944 and their output was about 75 p.c. of the total value of manufactures. With the end of the war and the consequent decline in production of the huge war plants the number of establishments with a production of \$1,000,000 or over, although increasing to 1,442 in 1946, nevertheless saw a decline in the proportion of their output to 67 p.c. of the total. With increased prices and an expansion in the physical volume of production during 1947 to 1953, establishments with a production of \$1,000,000 or over increased to 2,508 while their contribution to the total output rose to 79 p.c.

TABLE 47. Manufacturing Establishments Classified According to Gross Value of Products 1929, 1939, 1944 and 1953

Group of gross values	1929 <sup>1</sup>			1939 <sup>2</sup>		
	Estab- lishments	Total production	Average per estab- lishment	Estab- lishments	Total production	Average per estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000 .....	14,024	106,735,470	7,611	15,623	120,903,054	7,739
\$ 25,000 but under \$ 50,000 .....	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000 .....	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000 .....	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000 .....	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000 .....	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,000 .....	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over .....	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
<b>Totals and averages .....</b>	<b>23,597</b>	<b>4,063,987,279</b>	<b>172,225</b>	<b>24,800</b>	<b>3,474,540,560</b>	<b>140,102</b>
	1944			1953 <sup>3</sup>		
	Estab- lishments	Total production	Average per estab- lishment	Estab- lishments	Total production	Average per estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000 .....	13,942	128,782,147	9,237	15,807	146,599,625	9,274
\$ 25,000 but under \$ 50,000 .....	4,011	143,023,914	35,658	5,118	183,907,805	35,934
50,000 " 100,000 .....	3,442	245,273,500	71,259	4,899	352,483,499	71,950
100,000 " 200,000 .....	2,513	355,235,489	141,359	4,117	583,719,868	141,783
200,000 " 500,000 .....	2,256	714,546,348	316,731	3,774	1,185,376,535	314,090
500,000 " 1,000,000 .....	943	661,670,696	701,666	1,884	1,308,968,277	694,781
1,000,000 " 5,000,000 .....	1,089	2,294,546,053	2,107,021	1,916	4,033,967,234	2,105,411
5,000,000 and over .....	287	4,530,614,372	15,786,113	592	9,990,394,011	16,875,666
<b>Totals and averages .....</b>	<b>28,483</b>	<b>9,073,692,519</b>	<b>318,565</b>	<b>38,107</b>	<b>17,785,416,854</b>	<b>466,723</b>

1. Includes central electric stations and dyeing, cleaning and laundry establishments.

2. Exclusive of Yukon and the Northwest Territories.

3. The figures for 1953 are "value of factory shipments" and not "production". They also include Newfoundland.

TABLE 48. Manufacturing Establishments Classified According to Selling Value of Factory Shipments, by Industrial Group, 1953

Industrial group, by size	Estab- lishments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Canada:						
Under \$10,000 .....	9,374	13,713	12,912,019	1,384,066	18,449,326	40,212,361
\$ 10,000 to \$ 24,999 .....	6,433	21,323	35,261,129	2,859,829	48,591,092	106,387,264
25,000 " 49,999 .....	5,118	30,532	59,584,847	4,188,054	88,455,492	183,907,805
50,000 " 99,999 .....	4,899	49,641	107,072,612	6,616,518	175,542,773	352,483,499
100,000 " 199,999 .....	4,117	68,136	159,707,309	9,808,414	302,393,967	583,719,868
200,000 " 499,999 .....	3,774	130,038	318,627,673	18,546,568	602,045,977	1,185,376,535
500,000 " 999,999 .....	1,884	128,958	332,111,036	19,735,268	662,161,607	1,308,968,277
1,000,000 " 4,999,999 .....	1,916	341,497	991,061,497	69,481,264	2,025,564,290	4,033,967,234
5,000,000 and over .....	592	529,284	1,874,158,163	279,152,679	5,457,354,158	9,990,394,011
Head Offices <sup>1</sup> .....	—	14,329	66,522,063	16,161	—	—
<b>Totals .....</b>	<b>38,107</b>	<b>1,327,451</b>	<b>3,957,018,348</b>	<b>411,788,821</b>	<b>9,380,558,682</b>	<b>17,785,416,854</b>



TABLE 48. Manufacturing Establishments Classified According to Selling Value of Factory Shipments, by Industrial Group, 1953 - Continued

Industrial group, by size	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Foods and Beverages:</b>						
Under \$10,000	1,131	1,749	1,558,481	349,510	2,673,243	5,310,118
\$ 10,000 to \$ 24,999	1,401	4,095	5,863,324	1,032,952	13,598,585	23,725,775
25,000 " 49,999	1,317	6,250	10,026,312	1,609,972	30,283,191	47,567,293
50,000 " 99,999	1,303	8,999	16,310,134	2,429,409	63,211,405	94,270,288
100,000 " 199,999	1,155	11,751	23,284,307	3,567,506	116,592,155	164,693,591
200,000 " 499,999	860	18,335	39,304,684	5,317,168	177,253,269	266,079,908
500,000 " 999,999	413	19,911	46,936,974	5,370,084	182,165,372	292,423,765
1,000,000 " 4,999,999	419	51,106	137,212,949	14,029,844	542,555,298	892,492,452
5,000,000 and over	130	52,704	166,999,466	15,025,448	1,168,407,219	1,705,398,321
Head Offices <sup>1</sup>	—	1,749	7,783,921	16,161	—	—
<b>Totals</b>	<b>8,129</b>	<b>176,649</b>	<b>455,280,552</b>	<b>48,748,054</b>	<b>2,296,739,737</b>	<b>3,491,961,511</b>
<b>Tobacco and Tobacco Products:</b>						
Under \$10,000	10	13	13,103	571	14,295	34,475
\$ 10,000 to \$ 24,999	11	31	49,463	4,096	83,596	162,582
25,000 " 49,999	3	40	49,150	3,085	47,919	102,677
50,000 " 99,999	—	—	—	—	—	—
100,000 " 199,999	5	129	221,108	7,081	371,295	732,384
200,000 " 499,999	3	156	250,589	7,266	381,077	769,367
500,000 " 999,999	5	390	734,971	35,363	2,038,251	3,246,685
1,000,000 " 4,999,999	5	723	1,540,568	41,301	6,979,037	10,570,991
5,000,000 and over	13	8,008	23,895,091	540,462	128,575,578	198,526,330
Head Offices <sup>1</sup>	—	4	11,600	—	—	—
<b>Totals</b>	<b>55</b>	<b>9,494</b>	<b>26,765,643</b>	<b>639,225</b>	<b>138,491,048</b>	<b>214,145,491</b>
<b>Rubber Goods:</b>						
Under \$10,000	7	10	13,064	749	12,337	34,006
\$ 10,000 to \$ 24,999	4	28	61,081	5,016	36,435	102,509
25,000 " 49,999	1	—	—	—	—	—
50,000 " 99,999	10	119	281,086	15,322	251,748	682,445
100,000 " 199,999	4	47	141,649	17,879	299,353	595,707
200,000 " 499,999	9	372	989,567	83,690	1,080,578	3,301,873
500,000 " 999,999	7	499	1,175,427	59,112	1,914,806	4,466,433
1,000,000 " 4,999,999	17	4,707	13,194,314	783,214	18,196,102	42,513,948
5,000,000 and over	13	16,728	54,814,627	2,759,728	92,545,335	239,038,538
Head Offices <sup>1</sup>	—	90	323,828	—	—	—
<b>Totals</b>	<b>72</b>	<b>22,600</b>	<b>70,994,643</b>	<b>3,724,710</b>	<b>114,336,694</b>	<b>290,735,459</b>
<b>Leather Products:</b>						
Under \$10,000	72	123	140,813	9,126	162,083	360,952
\$ 10,000 to \$ 24,999	87	347	551,706	19,474	681,676	1,478,003
25,000 " 49,999	91	694	1,208,067	33,975	1,538,254	3,325,275
50,000 " 99,999	84	1,225	2,261,886	60,998	2,949,414	5,879,495
100,000 " 199,999	108	2,862	5,427,858	134,091	7,749,853	15,720,020
200,000 " 499,999	132	7,005	14,221,401	344,861	21,692,297	42,821,530
500,000 " 999,999	66	7,679	16,094,295	330,979	23,359,158	46,636,505
1,000,000 " 4,999,999	53	—	—	—	—	—
5,000,000 and over	2	13,133	31,059,469	1,123,237	58,283,444	106,188,402
<b>Totals</b>	<b>695</b>	<b>33,068</b>	<b>70,965,495</b>	<b>2,056,741</b>	<b>116,416,179</b>	<b>222,410,182</b>
<b>Textile Products (Except Clothing):</b>						
Under \$10,000	93	178	220,706	8,341	174,204	478,717
\$ 10,000 to \$ 24,999	126	538	805,813	28,088	775,121	2,117,041
25,000 " 49,999	127	975	1,774,723	78,550	1,598,251	4,497,013
50,000 " 99,999	137	1,966	3,898,703	177,373	3,819,742	9,995,116
100,000 " 199,999	113	2,152	4,663,256	238,168	7,923,388	16,056,754
200,000 " 499,999	123	4,347	9,980,430	628,517	21,831,799	39,283,315
500,000 " 999,999	90	6,507	14,893,329	1,002,790	37,597,602	62,826,810
1,000,000 " 4,999,999	124	29,027	71,867,331	5,018,283	152,569,382	270,730,840
5,000,000 and over	26	25,686	68,566,103	5,954,287	162,035,095	294,704,659
Head Offices <sup>1</sup>	—	1,814	7,934,222	—	—	—
<b>Totals</b>	<b>959</b>	<b>73,190</b>	<b>184,604,616</b>	<b>13,134,397</b>	<b>388,324,584</b>	<b>700,690,265</b>
<b>Knitting Mills:</b>						
Under \$10,000	14	33	26,112	1,560	35,031	73,374
\$ 10,000 to \$ 24,999	18	92	124,992	5,775	128,177	323,335
25,000 " 49,999	12	81	144,249	5,902	219,969	466,032
50,000 " 99,999	41	537	866,924	35,204	1,380,214	2,874,054
100,000 " 199,999	48	1,223	2,322,277	69,831	3,704,556	7,044,208
200,000 " 499,999	73	4,029	7,606,465	259,260	12,590,511	24,687,377
500,000 " 999,999	42	4,236	8,661,998	307,275	15,684,602	29,102,247
1,000,000 " 4,999,999	45	—	—	—	—	—
5,000,000 and over	1	13,992	31,542,042	1,138,938	43,961,112	96,221,715
Head Offices <sup>1</sup>	—	190	1,125,622	—	—	—
<b>Totals</b>	<b>294</b>	<b>24,413</b>	<b>52,420,681</b>	<b>1,823,745</b>	<b>77,704,172</b>	<b>160,792,342</b>

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 48. Manufacturing Establishments Classified According to Selling Value of Factory Shipments, by Industrial Group, 1953 - Continued

Industrial group, by size	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Clothing (Textile and Fur):</b>						
Under \$10,000	142	358	431,143	13,444	285,553	886,272
\$ 10,000 to \$ 24,999	315	1,561	2,384,567	58,429	2,124,284	5,384,428
25,000 " 49,999	354	2,858	5,102,145	104,078	5,780,350	13,133,596
50,000 " 99,999	508	7,268	13,958,355	216,207	17,037,750	37,230,144
100,000 " 199,999	519	10,358	22,248,747	297,728	37,271,231	74,174,332
200,000 " 499,999	608	25,373	53,570,451	671,288	98,515,717	189,157,129
500,000 " 999,999	233	19,892	41,889,677	453,758	84,736,919	160,599,992
1,000,000 " 4,999,999	105	23,967	52,816,053	496,908	102,795,811	189,962,679
5,000,000 and over	4	3,785	8,552,649	79,552	13,010,867	26,660,099
Head Offices <sup>1</sup>	—	238	1,051,492	—	—	—
<b>Totals</b>	<b>2,788</b>	<b>95,658</b>	<b>202,005,279</b>	<b>2,391,392</b>	<b>361,558,482</b>	<b>697,188,671</b>
<b>Wood Products:</b>						
Under \$10,000	5,378	7,931	5,854,681	640,642	10,316,282	21,788,775
\$ 10,000 to \$ 24,999	2,323	7,119	10,085,591	812,325	18,572,715	37,416,104
25,000 " 49,999	1,550	8,564	15,208,500	1,059,710	28,055,755	55,026,234
50,000 " 99,999	1,228	12,073	23,887,952	1,596,971	44,716,491	87,385,965
100,000 " 199,999	822	14,377	31,842,349	1,910,936	59,385,233	115,111,243
200,000 " 499,999	660	22,219	55,584,476	2,641,445	107,480,194	204,502,539
500,000 " 999,999	277	18,744	49,793,353	1,917,726	98,927,675	186,320,918
1,000,000 " 4,999,999	205	29,721	87,058,848	3,424,282	198,033,826	362,231,110
5,000,000 and over	19	12,603	41,886,602	897,793	84,242,885	172,231,924
Head Offices <sup>1</sup>	—	959	4,406,900	—	—	—
<b>Totals</b>	<b>12,462</b>	<b>134,310</b>	<b>325,619,252</b>	<b>14,901,830</b>	<b>649,731,056</b>	<b>1,242,014,812</b>
<b>Paper Products:</b>						
Under \$10,000	20	38	43,261	3,602	37,857	95,625
\$ 10,000 to \$ 24,999	23	97	166,983	4,632	172,190	411,154
25,000 " 49,999	33	248	485,409	23,804	592,430	1,261,321
50,000 " 99,999	51	698	1,582,844	54,587	1,715,423	3,816,949
100,000 " 199,999	68	1,293	2,734,785	191,418	4,837,773	9,561,230
200,000 " 499,999	88	3,086	7,365,472	497,638	14,998,699	28,768,847
500,000 " 999,999	68	4,179	11,031,615	906,465	24,500,318	48,056,174
1,000,000 " 4,999,999	127	18,712	58,336,133	8,036,335	164,308,051	298,120,450
5,000,000 and over	77	53,871	214,533,554	73,798,414	506,297,302	1,178,158,771
Head Offices <sup>1</sup>	—	2,214	13,827,651	—	—	—
<b>Totals</b>	<b>555</b>	<b>84,436</b>	<b>310,107,707</b>	<b>83,516,895</b>	<b>717,460,043</b>	<b>1,568,250,521</b>
<b>Printing, Publishing and Allied Industries:</b>						
Under \$10,000	1,471	1,477	1,850,979	116,281	2,998,065	5,836,357
\$ 10,000 to \$ 24,999	929	3,119	6,045,396	238,758	5,955,050	15,287,067
25,000 " 49,999	617	3,966	9,453,648	260,223	7,779,715	22,097,034
50,000 " 99,999	450	4,932	13,321,253	322,156	10,848,467	32,250,610
100,000 " 199,999	296	6,162	17,416,483	337,974	13,483,575	41,088,433
200,000 " 499,999	202	8,767	26,281,248	507,891	18,507,541	62,664,148
500,000 " 999,999	99	8,840	28,242,891	577,653	18,774,392	67,082,575
1,000,000 " 4,999,999	80	18,090	59,431,030	1,063,759	56,477,162	172,669,491
5,000,000 and over	13	11,093	43,276,312	741,665	40,398,070	124,776,657
Head Offices <sup>1</sup>	—	84	307,314	—	—	—
<b>Totals</b>	<b>4,157</b>	<b>66,530</b>	<b>205,626,554</b>	<b>4,166,360</b>	<b>175,222,037</b>	<b>543,752,372</b>
<b>Iron and Steel Products:</b>						
Under \$10,000	203	377	680,715	54,096	342,869	1,248,611
\$ 10,000 to \$ 24,999	409	1,463	3,344,930	201,663	1,922,458	6,845,551
25,000 " 49,999	408	2,770	6,837,006	342,892	4,396,904	14,572,366
50,000 " 99,999	410	4,668	12,831,429	593,267	9,763,021	29,266,484
100,000 " 199,999	362	7,216	21,663,891	836,160	17,488,624	51,518,354
200,000 " 499,999	358	13,434	41,504,222	1,707,530	41,743,916	113,155,649
500,000 " 999,999	186	13,000	41,227,123	1,916,604	52,924,401	130,005,795
1,000,000 " 4,999,999	278	59,942	199,271,542	8,942,874	250,924,138	618,656,589
5,000,000 and over	84	84,712	313,425,042	36,859,205	526,660,908	1,133,281,680
Head Offices <sup>1</sup>	—	654	2,688,227	—	—	—
<b>Totals</b>	<b>2,698</b>	<b>188,236</b>	<b>643,474,127</b>	<b>51,454,291</b>	<b>906,165,239</b>	<b>2,098,551,079</b>
<b>Transportation Equipment:</b>						
Under \$10,000	123	202	241,793	17,413	194,881	527,365
\$ 10,000 to \$ 24,999	84	326	633,953	33,710	452,276	1,344,531
25,000 " 49,999	61	461	1,114,583	45,770	802,061	2,260,490
50,000 " 99,999	60	699	1,864,989	77,293	1,701,051	4,286,122
100,000 " 199,999	65	1,255	3,752,283	142,051	3,206,820	8,984,375
200,000 " 499,999	67	2,807	8,600,731	380,831	7,377,159	21,311,823
500,000 " 999,999	35	2,600	7,965,850	276,060	10,828,536	24,526,491
1,000,000 " 4,999,999	66	17,005	55,410,915	1,972,359	65,285,927	149,667,275
5,000,000 and over	60	130,663	475,597,458	14,833,410	1,021,104,870	1,877,028,661
Head Offices <sup>1</sup>	—	41	228,597	—	—	—
<b>Totals</b>	<b>621</b>	<b>136,059</b>	<b>555,411,152</b>	<b>17,778,897</b>	<b>1,110,953,581</b>	<b>2,089,937,633</b>

1. Under this heading are included only those head offices that are not located at the plant.

**TABLE 48. Manufacturing Establishments Classified According to Selling Value of Factory Shipments,  
by Industrial Group, 1953 - Concluded**

Industrial group, by size	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Non-ferrous Metal Products:</b>						
Under \$10,000	61	114	181,624	9,353	116,123	305,251
\$ 10,000 to \$ 24,999	83	293	586,538	32,425	545,370	1,393,967
25,000 " 49,999	62	404	925,355	40,774	1,012,011	2,229,146
50,000 " 99,999	87	941	2,388,824	113,435	2,802,887	6,312,931
100,000 " 199,999	65	1,152	3,017,236	98,486	3,911,335	9,062,925
200,000 " 499,999	77	3,005	7,889,770	364,815	10,221,055	23,352,693
500,000 " 999,999	38	2,772	7,781,730	364,387	11,575,659	25,732,137
1,000,000 " 4,999,999	48	9,766	30,684,283	1,742,043	56,285,324	114,381,717
5,000,000 and over	30	32,845	121,679,016	54,936,690	639,658,351	1,059,240,227
Head Offices <sup>1</sup>	—	766	3,575,681	—	—	—
<b>Totals</b>	<b>551</b>	<b>52,058</b>	<b>178,710,057</b>	<b>57,702,408</b>	<b>726,128,115</b>	<b>1,242,010,994</b>
<b>Electrical Apparatus and Supplies:</b>						
Under \$10,000	28	52	104,582	5,694	65,692	142,441
\$ 10,000 to \$ 24,999	38	190	448,215	9,963	296,359	633,597
25,000 " 49,999	27	191	426,713	21,560	400,274	1,038,305
50,000 " 99,999	43	476	1,186,165	40,776	1,456,379	3,113,487
100,000 " 199,999	55	1,002	2,423,935	77,778	3,240,911	7,933,133
200,000 " 499,999	65	2,663	6,781,577	198,581	10,313,633	22,294,623
500,000 " 999,999	48	3,737	9,796,402	276,202	15,516,360	33,138,077
1,000,000 " 4,999,999	83	17,657	53,012,319	1,749,621	87,128,458	196,431,714
5,000,000 and over	35	49,949	172,391,167	4,576,569	265,325,928	583,464,877
Head Offices <sup>1</sup>	—	939	4,075,702	—	—	—
<b>Totals</b>	<b>422</b>	<b>76,856</b>	<b>250,646,777</b>	<b>6,956,744</b>	<b>383,743,994</b>	<b>848,190,254</b>
<b>Non-metallic Mineral Products:</b>						
Under \$10,000	202	390	483,626	81,090	349,226	965,264
\$ 10,000 to \$ 24,999	211	804	1,547,249	203,341	1,225,642	3,561,958
25,000 " 49,999	147	990	2,122,140	263,980	1,910,176	5,329,232
50,000 " 99,999	132	1,438	3,561,053	404,527	3,460,317	9,417,391
100,000 " 199,999	128	2,318	6,093,284	1,035,605	5,815,810	18,469,945
200,000 " 499,999	117	4,040	11,657,789	3,114,673	10,668,604	37,880,872
500,000 " 999,999	73	4,680	14,231,536	3,817,701	19,129,758	51,547,357
1,000,000 " 4,999,999	69	10,702	35,246,293	12,639,680	51,585,192	150,143,283
5,000,000 and over	15	8,250	29,169,993	13,413,894	39,974,123	131,593,890
Head Offices <sup>1</sup>	—	740	3,162,111	—	—	—
<b>Totals</b>	<b>1,094</b>	<b>34,352</b>	<b>107,275,074</b>	<b>34,974,491</b>	<b>134,118,848</b>	<b>408,909,192</b>
<b>Products of Petroleum and Coal:</b>						
Under \$10,000	3	12	15,595	9,958	7,703	15,849
\$ 10,000 to \$ 24,999	6	15	38,927	12,361	39,200	115,293
25,000 " 49,999	5	23	60,561	5,272	100,630	194,218
50,000 " 99,999	7	53	187,620	13,957	283,617	554,080
100,000 " 199,999	6	52	167,533	47,532	485,520	930,951
200,000 " 499,999	14	276	864,567	79,428	1,805,826	4,147,515
500,000 " 999,999	11	382	1,259,777	330,633	3,795,162	7,586,778
1,000,000 " 4,999,999	17	1,304	4,292,427	1,428,184	23,406,513	40,155,785
5,000,000 and over	31	13,090	51,345,412	33,298,421	546,386,470	769,388,871
Head Offices <sup>1</sup>	—	1,905	8,333,015	—	—	—
<b>Totals</b>	<b>100</b>	<b>17,112</b>	<b>66,565,434</b>	<b>35,225,746</b>	<b>576,310,641</b>	<b>823,089,340</b>
<b>Chemicals and Allied Products:</b>						
Under \$10,000	169	271	381,770	29,956	317,201	825,632
\$ 10,000 to \$ 24,999	122	365	677,226	39,929	737,421	2,024,709
25,000 " 49,999	99	615	1,439,151	108,033	1,645,137	3,515,677
50,000 " 99,999	131	971	2,561,163	161,145	4,198,511	9,450,703
100,000 " 199,999	120	1,391	3,888,300	287,066	7,157,875	17,145,304
200,000 " 499,999	170	3,906	11,853,265	1,200,707	25,422,475	54,756,755
500,000 " 999,999	128	5,568	16,611,114	1,327,763	39,538,481	90,869,019
1,000,000 " 4,999,999	129	13,971	44,447,036	5,536,976	121,255,567	251,406,204
5,000,000 and over	37	21,474	75,921,058	20,849,363	203,413,663	451,509,842
Head Offices <sup>1</sup>	—	1,675	6,810,727	—	—	—
<b>Totals</b>	<b>1,105</b>	<b>50,207</b>	<b>164,590,810</b>	<b>29,540,938</b>	<b>403,686,331</b>	<b>881,503,845</b>
<b>Miscellaneous Industries:</b>						
Under \$10,000	247	385	669,971	32,680	346,681	1,283,277
\$ 10,000 to \$ 24,999	243	846	1,859,644	119,692	1,256,459	4,093,160
25,000 " 49,999	204	1,396	3,192,666	177,674	2,280,543	7,258,396
50,000 " 99,999	217	2,578	6,122,232	303,891	5,946,336	15,697,235
100,000 " 199,999	178	3,396	8,398,028	511,124	9,470,660	24,896,479
200,000 " 499,999	148	6,218	14,310,969	540,979	20,161,627	46,440,572
500,000 " 999,999	65	5,342	13,782,974	464,713	19,154,155	44,800,519
1,000,000 " 4,999,999	46	11,795	36,742,558	901,204	44,851,440	116,813,253
5,000,000 and over	2	—	—	—	—	—
Head Offices <sup>1</sup>	—	267	875,453	—	—	—
<b>Totals</b>	<b>1,350</b>	<b>32,223</b>	<b>85,954,495</b>	<b>3,051,957</b>	<b>103,467,901</b>	<b>261,282,891</b>

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1953

Industry and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>1. Pulp and Paper:</b>						
\$ 25,000 to \$ 49,999 .....	2	94	334,395	13,532	107,065	160,767
50,000 " 99,999 .....	1	173	378,013	99,699	369,358	1,110,059
100,000 " 199,999 .....	8	379	932,239	270,841	1,119,992	3,017,768
200,000 " 499,999 .....	8	528	1,636,180	478,462	2,898,234	6,631,806
500,000 " 999,999 .....	9	6,058	20,509,019	6,378,622	45,145,403	93,184,293
1,000,000 " 4,999,999 .....	34	49,004	199,439,472	73,138,359	449,710,942	1,075,560,750
5,000,000 and over .....	65	1,958	12,512,342	—	—	—
Head Offices <sup>1</sup> .....	—	—	—	—	—	—
<b>Totals</b> .....	<b>127</b>	<b>58,194</b>	<b>235,741,660</b>	<b>80,379,515</b>	<b>499,350,994</b>	<b>1,179,665,443</b>
<b>2. Non-ferrous Metal Smelting and Refining:</b>						
\$1,000,000 to \$4,999,999 .....	1	25,115	94,545,611	52,594,155	508,116,759	870,918,142
5,000,000 and over .....	17	—	—	—	—	—
<b>Totals</b> .....	<b>18</b>	<b>25,115</b>	<b>94,545,611</b>	<b>52,594,155</b>	<b>508,116,759</b>	<b>870,918,142</b>
<b>3. Motor Vehicles:</b>						
\$ 25,000 to \$ 49,999 .....	1	267	732,006	33,760	1,281,281	2,225,453
50,000 " 99,999 .....	1	—	—	—	—	—
100,000 " 199,999 .....	2	1,092	4,111,443	128,447	9,479,194	14,650,502
200,000 " 499,999 .....	8	31,614	126,472,685	4,085,163	546,948,611	818,678,594
500,000 " 999,999 .....	8	—	—	—	—	—
1,000,000 " 4,999,999 .....	8	—	—	—	—	—
5,000,000 and over .....	8	—	—	—	—	—
<b>Totals</b> .....	<b>20</b>	<b>32,973</b>	<b>131,316,134</b>	<b>4,247,370</b>	<b>557,709,086</b>	<b>835,554,549</b>
<b>4. Slaughtering and Meatpacking:</b>						
\$ 10,000 to \$ 24,999 .....	1	11	22,124	9,494	61,983	102,690
25,000 " 49,999 .....	2	54	128,298	20,741	620,059	814,953
50,000 " 99,999 .....	11	112	245,618	40,953	1,641,028	2,031,335
100,000 " 199,999 .....	14	297	712,396	62,071	6,032,158	7,828,726
200,000 " 499,999 .....	25	633	1,459,568	176,269	14,870,284	17,977,126
500,000 " 999,999 .....	25	2,110	6,526,893	489,222	65,352,845	77,950,610
1,000,000 " 4,999,999 .....	32	19,670	65,336,846	3,882,409	584,185,598	722,762,582
5,000,000 and over .....	42	—	—	—	—	—
<b>Totals</b> .....	<b>152</b>	<b>22,887</b>	<b>74,431,943</b>	<b>4,681,159</b>	<b>672,763,935</b>	<b>829,468,022</b>
<b>5. Petroleum Products:</b>						
Under \$10,000 .....	2	22	48,052	14,029	49,959	123,366
\$ 10,000 to \$ 24,999 .....	3	42	158,327	31,331	220,597	553,379
25,000 " 49,999 .....	1	89	300,709	26,381	907,852	1,594,899
50,000 " 99,999 .....	3	137	512,496	200,356	2,295,990	3,538,510
100,000 " 199,999 .....	2	516	1,796,021	361,797	13,976,883	20,871,623
200,000 " 499,999 .....	5	9,150	37,470,713	27,537,400	489,762,759	668,306,828
500,000 " 999,999 .....	10	1,902	8,288,454	—	—	—
1,000,000 " 4,999,999 .....	10	—	—	—	—	—
5,000,000 and over .....	24	—	—	—	—	—
Head Offices <sup>1</sup> .....	—	—	—	—	—	—
<b>Totals</b> .....	<b>55</b>	<b>11,858</b>	<b>48,574,772</b>	<b>28,171,294</b>	<b>507,214,040</b>	<b>694,988,605</b>
<b>6. Sawmills:</b>						
Under \$10,000 .....	3,994	5,918	3,367,430	416,618	7,933,439	15,714,577
\$ 10,000 to \$ 24,999 .....	1,538	4,520	5,185,194	515,629	13,414,523	25,016,157
25,000 " 49,999 .....	986	5,059	7,795,058	663,328	19,045,909	35,012,001
50,000 " 99,999 .....	789	7,172	12,938,801	987,829	30,173,170	56,273,251
100,000 " 199,999 .....	451	6,932	14,819,158	1,069,041	32,328,479	62,206,434
200,000 " 499,999 .....	269	7,842	20,332,194	1,089,570	41,456,688	80,857,595
500,000 " 999,999 .....	88	5,082	14,706,057	645,950	30,811,360	59,094,589
1,000,000 " 4,999,999 .....	65	8,118	27,398,385	1,030,807	64,754,984	118,412,182
5,000,000 and over .....	14	9,574	32,280,320	623,980	64,666,091	128,106,918
Head Offices <sup>1</sup> .....	—	716	3,308,406	—	—	—
<b>Totals</b> .....	<b>8,194</b>	<b>60,933</b>	<b>142,131,003</b>	<b>7,042,752</b>	<b>304,584,643</b>	<b>580,693,704</b>
<b>7. Primary Iron and Steel:</b>						
Under \$10,000 .....	2	50	158,907	13,356	80,312	118,862
\$ 10,000 to \$ 24,999 .....	2	—	—	—	—	—
25,000 " 49,999 .....	1	68	246,528	30,607	119,956	380,581
50,000 " 99,999 .....	—	474	1,633,352	194,823	673,988	2,910,278
100,000 " 199,999 .....	3	495	1,395,203	409,010	1,082,994	3,747,112
200,000 " 499,999 .....	9	2,730	9,680,112	1,008,682	11,766,876	29,256,290
500,000 " 999,999 .....	5	31,126	116,530,426	27,915,845	198,650,161	422,491,132
1,000,000 " 4,999,999 .....	14	13	65,028	—	—	—
5,000,000 and over .....	26	—	—	—	—	—
Head Offices <sup>1</sup> .....	—	—	—	—	—	—
<b>Totals</b> .....	<b>62</b>	<b>34,956</b>	<b>129,709,556</b>	<b>29,572,323</b>	<b>212,374,287</b>	<b>458,904,255</b>
<b>8. Aircraft and Parts:</b>						
\$ 10,000 to \$ 24,999 .....	2	40	117,779	4,028	19,330	198,624
25,000 " 49,999 .....	4	36	107,475	4,063	24,815	186,807
50,000 " 99,999 .....	3	184	640,013	13,196	96,656	1,205,364
100,000 " 199,999 .....	9	271	987,114	19,740	113,482	1,959,574
200,000 " 499,999 .....	6	482	1,788,917	41,056	960,286	3,473,037
500,000 " 999,999 .....	5	2,300	6,822,188	126,510	4,189,365	12,760,964
1,000,000 " 4,999,999 .....	5	34,735	131,912,213	2,230,297	130,353,055	378,959,902
5,000,000 and over .....	9	—	—	—	—	—
<b>Totals</b> .....	<b>43</b>	<b>38,048</b>	<b>142,375,699</b>	<b>2,438,890</b>	<b>135,756,989</b>	<b>398,744,272</b>

1. Under this heading are included only those head offices which are not located at the plant.



**TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1953 — Continued**

Industry and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>9. Butter and Cheese:</b>						
Under \$10,000	30	31	17,900	3,143	136,052	153,874
\$ 10,000 to \$ 24,999	107	136	144,244	33,121	1,767,113	1,985,413
25,000 " 49,999	221	420	537,580	128,450	7,301,157	8,253,353
50,000 " 99,999	324	996	1,576,426	382,340	21,305,488	24,003,472
100,000 " 199,999	407	2,069	3,972,924	872,150	51,047,913	59,451,498
200,000 " 499,999	284	3,453	7,625,669	1,475,443	70,022,463	87,176,066
500,000 " 999,999	86	2,906	7,380,744	1,163,793	42,167,437	58,039,440
1,000,000 " 4,999,999	63	7,949	22,588,941	2,541,876	80,077,138	123,086,518
5,000,000 and over	5	2,737	8,663,151	652,469	20,090,878	34,806,081
<b>Totals</b>	<b>1,527</b>	<b>20,697</b>	<b>52,507,579</b>	<b>7,252,785</b>	<b>293,915,639</b>	<b>396,955,715</b>
<b>10. Railway Rolling Stock:</b>						
\$ 25,000 to \$ 49,999	1	133	352,519	52,366	485,077	897,055
100,000 " 199,999	1					
200,000 " 499,999	2					
500,000 " 999,999	5					
1,000,000 " 4,999,999	10	3,113	1,118,250	76,080	2,419,214	3,856,890
5,000,000 and over	17	31,842	10,080,241	360,343	9,545,664	23,041,316
<b>Totals</b>	<b>36</b>	<b>35,447</b>	<b>118,026,350</b>	<b>4,751,193</b>	<b>179,892,257</b>	<b>338,321,229</b>
<b>11. Motor Vehicle Parts:</b>						
Under \$10,000	7	13	19,330	1,310	8,010	31,902
\$ 10,000 to \$ 24,999	16	59	116,182	7,155	84,220	266,628
25,000 " 49,999	17	106	252,311	9,815	234,142	628,976
50,000 " 99,999	26	291	780,723	44,177	735,033	1,821,099
100,000 " 199,999	30	528	1,562,277	75,318	1,655,688	4,110,919
200,000 " 499,999	25	727	2,144,662	87,191	3,247,895	7,495,128
500,000 " 999,999	17	1,001	2,961,628	87,810	5,088,055	11,178,405
1,000,000 " 4,999,999	27	5,944	20,015,688	927,305	30,261,877	64,163,935
5,000,000 and over	14	14,625	53,105,401	2,860,600	121,009,092	217,979,678
Head Offices <sup>1</sup>	—	41	228,597	—	—	—
<b>Totals</b>	<b>179</b>	<b>23,335</b>	<b>81,186,799</b>	<b>4,100,681</b>	<b>162,324,012</b>	<b>307,676,670</b>
<b>12. Rubber Goods, Including Footwear:</b>						
Under \$10,000	7	10	13,064	749	12,337	34,006
\$ 10,000 to \$ 24,999	4	28	61,081	5,016	36,435	102,509
25,000 " 49,999	1					
50,000 " 99,999	10					
100,000 " 199,999	4					
200,000 " 499,999	9	372	141,649	17,879	251,748	682,445
500,000 " 999,999	7	499	989,567	83,690	299,353	595,707
1,000,000 " 4,999,999	17	4,707	1,175,427	59,112	1,080,578	3,301,873
5,000,000 and over	13	16,728	13,194,314	783,214	1,914,806	4,466,433
Head Offices <sup>1</sup>	—	90	54,814,627	18,196,102	5,088,055	11,178,405
<b>Totals</b>	<b>72</b>	<b>22,600</b>	<b>70,994,643</b>	<b>3,724,710</b>	<b>114,336,694</b>	<b>290,735,459</b>
<b>13. Miscellaneous Food Preparations:</b>						
Under \$10,000	36	52	42,252	7,820	90,157	162,607
\$ 10,000 to \$ 24,999	24	77	121,142	10,924	196,173	397,567
25,000 " 49,999	26	126	228,127	25,883	504,164	896,456
50,000 " 99,999	41	278	574,345	40,218	1,846,748	2,959,558
100,000 " 199,999	43	461	1,022,285	75,018	3,665,844	6,000,891
200,000 " 499,999	59	1,186	2,669,178	251,537	12,615,395	18,988,692
500,000 " 999,999	38	1,576	3,584,581	317,515	17,975,138	27,556,400
1,000,000 " 4,999,999	40	3,003	7,787,930	818,430	66,985,112	92,408,219
5,000,000 and over	15	2,675	8,496,006	1,575,354	96,500,005	134,996,041
Head Offices <sup>1</sup>	—	323	1,502,288	—	—	—
<b>Totals</b>	<b>322</b>	<b>9,757</b>	<b>26,028,134</b>	<b>3,122,699</b>	<b>200,378,736</b>	<b>284,366,431</b>
<b>14. Bread and Other Bakery Products:</b>						
Under \$10,000	444	769	782,632	165,218	1,360,290	2,714,600
\$ 10,000 to \$ 24,999	882	2,762	4,190,311	745,506	7,471,021	14,840,289
25,000 " 49,999	550	3,095	5,610,726	787,859	10,001,796	19,300,715
50,000 " 99,999	345	3,405	6,980,102	846,907	12,025,648	23,991,737
100,000 " 199,999	149	2,718	6,023,389	701,629	10,372,338	20,849,694
200,000 " 499,999	94	3,779	8,492,835	965,870	14,045,509	29,350,058
500,000 " 999,999	53	3,921	10,347,895	1,076,646	16,738,785	37,018,695
1,000,000 " 4,999,999	51	11,131	32,401,664	2,915,647	49,388,163	110,601,269
5,000,000 and over	3	1,960	6,073,133	580,336	7,821,107	19,331,035
<b>Totals</b>	<b>2,571</b>	<b>33,540</b>	<b>80,902,687</b>	<b>8,785,618</b>	<b>129,224,657</b>	<b>277,998,092</b>
<b>15. Clothing Men's, Factory:</b>						
Under \$10,000	26	56	67,209	2,394	56,232	145,014
\$ 10,000 to \$ 24,999	25	113	145,543	6,000	213,056	415,338
25,000 " 49,999	42	252	382,726	8,094	819,553	1,575,770
50,000 " 99,999	92	1,067	1,825,322	36,166	3,650,949	6,944,635
100,000 " 199,999	106	1,891	3,477,927	44,297	8,124,195	15,309,875
200,000 " 499,999	176	7,232	14,506,210	220,204	29,549,461	55,751,618
500,000 " 999,999	72	6,072	11,859,486	146,256	28,598,408	51,426,179
1,000,000 " 4,999,999	59	15,273	34,204,798	301,003	65,364,258	121,069,603
5,000,000 and over	3	2,938	7,239,114	64,027	10,907,868	21,307,993
Head Offices <sup>1</sup>	—	225	1,001,553	—	—	—
<b>Totals</b>	<b>601</b>	<b>35,119</b>	<b>74,709,888</b>	<b>828,441</b>	<b>147,283,980</b>	<b>273,946,025</b>

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1953 - Continued

Industry and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>16. Flour Mills:</b>						
Under \$10,000 .....	10	16	16,361	6,950	21,186	47,199
\$ 10,000 to \$ 24,999 .....	3	6	8,322	909	45,451	59,232
25,000 " 49,999 .....	3	7	10,086	2,300	81,578	95,698
50,000 " 99,999 .....	9	46	91,416	18,565	515,533	669,666
100,000 " 199,999 .....	13	91	207,210	37,602	1,687,451	2,059,548
200,000 " 499,999 .....	9	105	258,567	39,481	2,040,316	2,579,507
500,000 " 999,999 .....	10	178	491,270	57,050	6,329,678	7,642,817
1,000,000 " 4,999,999 .....	20	777	2,162,516	276,658	38,332,932	45,296,103
5,000,000 and over .....	18	3,639	11,307,354	1,210,551	175,458,262	207,980,778
Head Offices <sup>1</sup> .....	—	97	393,178	—	—	—
<b>Totals .....</b>	<b>95</b>	<b>4,962</b>	<b>14,946,310</b>	<b>1,650,066</b>	<b>224,518,387</b>	<b>266,430,548</b>
<b>17. Miscellaneous Electrical Apparatus and Supplies:</b>						
Under \$10,000 .....	11	17	20,503	866	22,495	54,809
\$ 10,000 to \$ 24,999 .....	14	40	88,025	4,037	94,849	222,056
25,000 " 49,999 .....	10	86	158,858	5,835	129,219	358,168
50,000 " 99,999 .....	16	164	437,921	15,966	414,256	1,093,975
100,000 " 199,999 .....	20	398	963,409	35,404	1,223,504	2,958,148
200,000 " 499,999 .....	23	997	2,545,687	89,263	3,789,112	7,875,153
500,000 " 999,999 .....	21	1,230	3,563,083	120,504	7,696,875	15,004,435
1,000,000 " 4,999,999 .....	28	5,007	14,247,913	691,784	26,805,228	64,487,356
5,000,000 and over .....	8	14,514	51,557,228	1,637,327	69,145,632	161,677,181
Head Offices <sup>1</sup> .....	—	212	993,460	—	—	—
<b>Totals .....</b>	<b>151</b>	<b>22,671</b>	<b>74,576,087</b>	<b>2,600,986</b>	<b>109,321,170</b>	<b>253,731,281</b>
<b>18. Machinery, Heavy, Electrical:</b>						
\$ 10,000 to \$ 24,999 .....	3	23	44,617	2,731	60,907	147,675
25,000 " 49,999 .....	2	—	—	—	—	—
50,000 " 99,999 .....	2	171	448,186	14,523	472,950	1,290,047
100,000 " 199,999 .....	8	—	—	—	—	—
200,000 " 499,999 .....	6	332	952,134	21,295	924,587	2,553,324
500,000 " 999,999 .....	8	676	1,828,940	52,389	2,898,552	5,531,442
1,000,000 " 4,999,999 .....	18	4,298	14,803,389	291,935	17,673,067	44,692,576
5,000,000 and over .....	8	19,473	68,244,269	1,591,235	65,674,210	190,057,948
Head Offices <sup>1</sup> .....	—	481	2,038,128	—	—	—
<b>Totals .....</b>	<b>55</b>	<b>25,454</b>	<b>88,359,663</b>	<b>1,974,108</b>	<b>87,704,273</b>	<b>244,273,012</b>
<b>19. Printing and Publishing:</b>						
Under \$10,000 .....	170	309	534,546	47,323	209,996	1,004,661
\$ 10,000 to \$ 24,999 .....	203	819	1,790,872	102,076	674,597	3,397,617
25,000 " 49,999 .....	143	1,110	2,780,425	109,538	991,505	5,210,203
50,000 " 99,999 .....	100	1,376	3,495,676	123,376	1,393,839	7,077,358
100,000 " 199,999 .....	56	1,393	3,738,880	99,408	1,396,946	7,550,818
200,000 " 499,999 .....	39	2,112	5,777,340	148,073	2,203,245	12,655,768
500,000 " 999,999 .....	43	4,139	12,935,285	307,721	6,518,050	30,443,583
1,000,000 " 4,999,999 .....	31	7,912	25,860,495	526,576	19,847,337	73,576,781
5,000,000 and over .....	10	9,278	36,753,378	670,837	33,578,660	102,975,490
Head Offices <sup>1</sup> .....	—	51	154,714	—	—	—
<b>Totals .....</b>	<b>795</b>	<b>28,499</b>	<b>93,821,611</b>	<b>2,134,928</b>	<b>66,814,175</b>	<b>243,892,279</b>
<b>20. Furniture:</b>						
Under \$10,000 .....	475	685	972,577	64,296	947,380	2,425,999
\$ 10,000 to \$ 24,999 .....	357	1,122	2,243,046	111,005	2,268,203	5,605,541
25,000 " 49,999 .....	229	1,359	3,099,675	113,750	3,633,655	8,085,644
50,000 " 99,999 .....	159	1,857	4,124,518	151,253	5,428,897	11,631,264
100,000 " 199,999 .....	135	2,796	6,814,568	207,895	9,020,815	19,322,471
200,000 " 499,999 .....	162	6,391	16,123,848	512,972	24,677,327	50,412,938
500,000 " 999,999 .....	71	5,807	15,641,558	447,692	22,257,723	48,102,783
1,000,000 " 4,999,999 .....	52	9,751	26,816,387	718,311	39,513,252	85,970,714
<b>Totals .....</b>	<b>1,640</b>	<b>29,768</b>	<b>75,836,177</b>	<b>2,327,174</b>	<b>107,747,252</b>	<b>231,557,354</b>
<b>21. Machinery, Industrial:</b>						
Under \$10,000 .....	15	19	33,444	2,160	25,216	86,233
\$ 10,000 to \$ 24,999 .....	26	101	209,495	13,428	127,387	448,251
25,000 " 49,999 .....	37	222	576,139	26,588	398,254	1,314,851
50,000 " 99,999 .....	41	527	1,496,155	71,547	937,154	2,983,876
100,000 " 199,999 .....	53	1,064	3,371,063	119,718	2,129,438	7,539,344
200,000 " 499,999 .....	40	1,657	5,091,617	150,508	4,139,101	12,543,816
500,000 " 999,999 .....	43	3,405	11,336,583	343,842	11,674,115	30,255,761
1,000,000 " 4,999,999 .....	52	9,815	33,888,930	926,841	36,389,232	106,927,570
5,000,000 and over .....	5	4,990	17,948,515	683,544	22,574,847	63,862,779
Head Offices <sup>1</sup> .....	—	363	1,343,512	—	—	—
<b>Totals .....</b>	<b>312</b>	<b>22,163</b>	<b>75,295,453</b>	<b>2,338,176</b>	<b>78,394,744</b>	<b>225,962,481</b>
<b>22. Sheet Metal Products:</b>						
Under \$10,000 .....	12	21	28,757	3,065	17,311	50,751
\$ 10,000 to \$ 24,999 .....	27	90	199,554	11,276	172,576	466,960
25,000 " 49,999 .....	39	227	522,910	22,314	528,650	1,418,730
50,000 " 99,999 .....	59	617	1,618,574	64,979	1,719,260	4,325,902
100,000 " 199,999 .....	47	931	2,458,814	104,238	2,797,013	6,830,483
200,000 " 499,999 .....	57	1,712	5,131,561	179,905	7,751,224	17,835,489
500,000 " 999,999 .....	27	1,639	5,060,163	210,615	9,875,929	19,680,016
1,000,000 " 4,999,999 .....	40	8,745	28,283,609	1,135,814	45,138,583	94,338,611
5,000,000 and over .....	8	4,266	15,444,230	678,137	51,185,614	80,476,089
Head Offices <sup>1</sup> .....	—	27	83,659	—	—	—
<b>Totals .....</b>	<b>316</b>	<b>18,275</b>	<b>58,831,831</b>	<b>2,410,343</b>	<b>119,186,160</b>	<b>225,423,031</b>

1. Under this heading are included only those head offices which are not located at the plant.

**TABLE 49. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to Selling Value of Factory Shipments, 1953 — Concluded**

Industry and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>23. Clothing, Women's, Factory:</b>						
Under \$10,000 .....	15	45	46,885	1,071	31,509	96,547
\$ 10,000 to \$ 24,999 .....	49	214	308,983	8,560	349,886	811,959
25,000 " 49,999 .....	78	632	1,079,094	16,700	1,453,896	2,943,796
50,000 " 99,999 .....	128	1,647	3,243,830	36,384	4,945,263	9,729,555
100,000 " 199,999 .....	198	3,862	8,566,964	93,070	14,877,023	28,573,283
200,000 " 499,999 .....	241	9,676	21,531,856	177,783	38,224,035	74,848,756
500,000 " 999,999 .....	95	7,710	17,375,628	132,656	33,698,562	64,697,932
1,000,000 " 4,999,999 .....	26	4,491	9,664,809	77,730	22,606,714	38,708,350
<b>Totals .....</b>	<b>830</b>	<b>28,277</b>	<b>61,838,049</b>	<b>543,954</b>	<b>116,186,888</b>	<b>220,410,178</b>
<b>24. Cotton Yarn and Cloth:</b>						
\$ 10,000 to \$ 24,999 .....	1	23	25,414	2,084	38,615	92,469
25,000 " 49,999 .....	2					
50,000 " 99,999 .....	2	57	89,074	5,157	188,975	346,033
100,000 " 199,999 .....	1					
200,000 " 499,999 .....	5	254	516,149	42,598	1,119,265	1,802,431
500,000 " 999,999 .....	6	441	922,971	112,506	3,164,792	4,338,898
1,000,000 " 4,999,999 .....	24	7,866	17,622,659	1,329,181	34,119,725	63,024,686
5,000,000 and over .....	13	13,782	32,573,441	2,485,683	94,286,173	140,616,441
Head Offices <sup>1</sup> .....	—	755	3,286,832	—	—	—
<b>Totals .....</b>	<b>54</b>	<b>23,178</b>	<b>55,036,540</b>	<b>3,977,209</b>	<b>132,917,545</b>	<b>210,220,958</b>
<b>25. Fruit and Vegetable Preparations:</b>						
Under \$10,000 .....	50	77	54,432	8,350	144,667	239,173
\$ 10,000 to \$ 24,999 .....	51	156	196,712	26,764	491,877	845,366
25,000 " 49,999 .....	48	310	380,937	41,208	1,107,387	1,752,839
50,000 " 99,999 .....	64	692	992,226	104,857	2,939,861	4,844,222
100,000 " 199,999 .....	56	1,063	1,596,428	137,605	5,064,733	8,032,102
200,000 " 499,999 .....	95	2,888	5,193,174	488,136	18,220,763	30,028,397
500,000 " 999,999 .....	50	3,113	6,071,824	585,144	21,669,200	35,022,532
1,000,000 " 4,999,999 .....	37	4,434	9,813,564	738,701	38,567,659	63,791,579
5,000,000 and over .....	3	2,342	7,529,484	586,250	31,704,853	60,563,259
Head Offices <sup>1</sup> .....	—	310	1,010,124	—	—	—
<b>Totals .....</b>	<b>454</b>	<b>15,385</b>	<b>32,838,899</b>	<b>2,717,015</b>	<b>119,911,000</b>	<b>205,119,469</b>

1. Under this heading are included only those head offices which are not located at the plant.

**Size as Measured by Number of Employees.** In 1929, establishments employing 501 hands or over accounted for 27.3 p.c. of the number of employees engaged in manufacturing. The tendency then in evidence of increasing concentration into larger units was checked by the depression, the percentage dropping to 20.5 in 1933, (central electric stations included), but rising again to 25.6 in 1939. The same holds true for establishments employing 101 hands or over. In 1929 they employed 61.9 p.c., in 1933, 55.7 p.c. and in 1939, 61.5 p.c.

The effect of the War on the concentration of industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25.6 p.c. of the total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47.0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. Altogether there were 12 plants employing over 7,000 persons, the largest having an employment of a

little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons, while the lowest five plants in this group employed between 7,000 and 8,000 workers.

With the resumption of peace-time production the larger establishments declined in size so that by 1953 only 82 establishments employed over 1,500 persons, as compared with 101 in 1944. The largest manufacturing plant in Canada in 1953 employed over 14,000 the next three largest over 10,000 while the next five largest had over 6,000. The following is the size distribution of the highest group, 1,500 and over.

Employees	Establishments
1,500 to 2,999 .....	60
3,000 to 3,999 .....	7
4,000 to 4,999 .....	3
5,000 to 8,999 .....	3
6,000 and over .....	9
<b>Total .....</b>	<b>82</b>

**TABLE 50. Manufacturing Establishments, Classified by Number of Employees per Establishment, and by Provinces, 1953**

Province	Up to 499	500 to 799	800 to 999	1,000 to 1,499	1,500 or over	Total
Newfoundland .....	936	1	—	1	1	939
Prince Edward Island .....	216	—	—	—	—	216
Nova Scotia .....	1,581	3	3	—	—	1,591
New Brunswick .....	1,085	5	1	2	4	1,094
Quebec .....	11,997	63	24	23	25	12,132
Ontario .....	12,920	91	26	31	46	13,114
Manitoba .....	1,532	3	—	2	3	1,540
Saskatchewan .....	1,062	—	—	—	—	1,062
Alberta .....	2,066	3	2	1	—	2,072
British Columbia .....	4,290	15	6	4	2	4,317
Yukon and Northwest Territories .....	30	—	—	—	—	30
<b>Canada .....</b>	<b>37,715</b>	<b>184</b>	<b>62</b>	<b>64</b>	<b>82</b>	<b>38,107</b>

TABLE 51. Manufacturing Establishments Classified by Number of Employees per Establishment, 1929, 1939, 1944 and 1953

Group	1929 <sup>1</sup>			1939 <sup>2</sup>		
	Estab- lishments	Employees	Average per estab- lishment	Estab- lishments	Employees	Average per estab- lishment
	No.	No.	No.	No.	No.	No.
Under 5 employees .....	12, 273	30, 446	2.5	13, 002	28, 020	2.2
5 to 20 employees .....	6, 160	62, 310	10.1	6, 985	68, 151	9.8
21 " 50 " .....	2, 531	81, 846	32.3	2, 330	75, 324	32.3
51 " 100 " .....	1, 262	90, 238	71.5	1, 158	81, 646	70.5
101 " 200 " .....	745	103, 944	139.5	695	97, 063	139.7
201 " 500 " .....	444	136, 397	307.2	458	139, 687	305.0
501 and over .....	182	189, 253	1, 040.0	172	168, 168	977.7
<b>Totals and averages .....</b>	<b>23, 597</b>	<b>694, 434</b>	<b>29.4</b>	<b>24, 800</b>	<b>658, 059</b>	<b>26.5</b>
	1944			1953 <sup>4</sup>		
	No.	No.	No.	No.	No.	No.
Under 5 employees .....	13, 208	29, 958	2.3	17, 053	37, 136	2.2
5 to 14 employees .....	7, 111	58, 404	8.2	9, 800	81, 666	8.3
15 " 49 " .....	4, 615	124, 408	27.0	6, 200	165, 880	26.8
50 " 99 " .....	1, 622	113, 869	70.2	2, 057	142, 308	69.2
100 " 199 " .....	900	126, 192	140.2	1, 157	161, 166	139.3
200 " 499 " .....	644	196, 707	305.4	748	230, 639	308.3
500 " 999 " .....	383	573, 344	1, 497.0	246	172, 858	702.7
1,000 and over .....	—	—	—	146	321, 469	2, 201.8
Head offices <sup>3</sup> .....	—	—	—	—	14, 329	—
Not classifiable .....	—	—	—	700	—	—
<b>Totals and averages .....</b>	<b>28, 483</b>	<b>1, 222, 882</b>	<b>42.9</b>	<b>38, 107</b>	<b>1, 327, 451</b>	<b>34.8</b>

1. Includes, central electric stations, dyeing, cleaning and laundry establishments.

2. Exclusive of Yukon and the Northwest Territories.

3. Under this heading are included only those head offices which are not located at the plant.

4. Includes Newfoundland.

TABLE 52. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1953

Industrial group, by size	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Canada:</b>						
Under 5 employees .....	17, 053	37, 136	56, 495, 068	6, 278, 734	191, 090, 400	307, 095, 798
5 to 14 employees .....	9, 800	81, 666	182, 933, 099	13, 957, 329	462, 343, 359	823, 265, 480
15 " 49 " .....	6, 200	165, 880	415, 526, 389	27, 643, 659	976, 685, 535	1, 801, 544, 913
50 " 99 " .....	2, 057	142, 308	370, 259, 875	25, 858, 349	887, 156, 841	1, 656, 526, 802
100 " 199 " .....	1, 157	161, 166	443, 058, 972	36, 377, 764	1, 134, 241, 497	2, 096, 007, 865
200 " 499 " .....	748	230, 639	699, 103, 989	79, 159, 532	1, 731, 056, 354	3, 311, 945, 942
500 " 999 " .....	246	172, 858	567, 786, 185	84, 310, 442	1, 430, 554, 829	2, 752, 300, 942
1,000 " 1,499 " .....	64	76, 672	268, 480, 221	39, 579, 279	662, 210, 346	1, 241, 483, 447
1,500 and over .....	82	244, 797	886, 852, 487	98, 607, 572	1, 901, 819, 277	3, 791, 223, 591
Not classifiable .....	700	—	—	—	3, 400, 244	4, 022, 074
Head Offices <sup>1</sup> .....	—	14, 329	66, 522, 063	16, 161	—	—
<b>Totals .....</b>	<b>38, 107</b>	<b>1, 327, 451</b>	<b>3, 957, 018, 348</b>	<b>411, 788, 821</b>	<b>9, 380, 558, 682</b>	<b>17, 785, 416, 854</b>
<b>Foods and Beverages:</b>						
Under 5 employees .....	3, 951	9, 291	14, 459, 929	3, 142, 883	111, 146, 449	141, 915, 788
5 to 14 employees .....	2, 416	19, 536	38, 552, 423	6, 072, 945	209, 810, 083	295, 975, 849
15 " 49 " .....	1, 078	27, 983	63, 319, 547	8, 410, 514	327, 084, 789	477, 287, 513
50 " 99 " .....	331	22, 672	56, 591, 553	6, 583, 337	270, 437, 792	424, 811, 786
100 " 199 " .....	202	27, 884	73, 632, 730	7, 712, 710	385, 115, 898	598, 475, 006
200 " 499 " .....	110	33, 488	96, 321, 383	8, 782, 285	457, 983, 774	729, 730, 569
500 " 999 " .....	33	22, 466	66, 944, 026	5, 523, 674	282, 303, 867	462, 455, 384
1,000 " 1,499 " .....	7	11, 580	37, 675, 040	2, 503, 545	252, 857, 085	361, 309, 616
1,500 and over .....	1	—	—	—	—	—
Head Offices <sup>1</sup> .....	—	1, 749	7, 783, 921	16, 161	—	—
<b>Totals .....</b>	<b>8, 129</b>	<b>176, 649</b>	<b>455, 280, 552</b>	<b>48, 748, 054</b>	<b>2, 296, 739, 737</b>	<b>3, 491, 961, 511</b>
<b>Tobacco and Tobacco Products:</b>						
Under 5 employees .....	20	37	54, 548	4, 091	90, 825	183, 525
5 to 14 employees .....	4	34	48, 238	3, 433	121, 400	207, 241
15 " 49 " .....	9	286	539, 655	27, 455	1, 582, 220	3, 190, 856
50 " 99 " .....	5	358	616, 094	39, 343	9, 188, 889	10, 259, 972
100 " 199 " .....	5	670	1, 425, 017	73, 219	25, 769, 177	29, 666, 038
200 " 499 " .....	7	2, 150	4, 928, 689	188, 642	35, 092, 636	47, 024, 469
500 " 999 " .....	3	5, 955	19, 141, 802	303, 042	66, 645, 901	123, 613, 390
1,500 and over .....	2	—	—	—	—	—
Head Offices <sup>1</sup> .....	—	4	11, 600	—	—	—
<b>Totals .....</b>	<b>53</b>	<b>9, 494</b>	<b>26, 765, 643</b>	<b>639, 225</b>	<b>138, 491, 048</b>	<b>214, 145, 491</b>

1. Under this heading are included only those head offices that are not located at the plant.



TABLE 52. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1953 - Continued

Industrial group, by size	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Rubber Products:</b>						
Under 5 employees	8	14	21,450	989	16,287	48,116
5 to 14 employees	14	112	298,179	25,396	450,575	988,778
15 " 49 "	14	355	1,012,258	70,186	2,749,011	5,876,426
50 " 99 "	8	640	1,733,221	175,990	2,392,438	6,214,821
100 " 199 "	7	1,014	2,543,074	186,678	4,156,285	8,910,265
200 " 499 "	6	2,130	6,474,944	455,984	10,141,645	26,622,423
500 " 999 "	7	4,703	13,884,352	541,072	12,782,398	37,643,862
1,000 " 1,499 "	4	5,007	15,594,187	703,541	22,823,779	53,474,246
1,500 and over	4	8,535	29,109,150	1,564,874	58,824,276	150,956,522
Head Offices <sup>1</sup>	—	90	323,828	—	—	—
<b>Totals</b>	<b>72</b>	<b>22,600</b>	<b>70,994,643</b>	<b>3,724,710</b>	<b>114,336,694</b>	<b>290,735,459</b>
<b>Leather Products:</b>						
Under 5 employees	146	344	570,771	23,924	995,804	1,916,607
5 to 14 employees	160	1,365	2,653,042	95,649	4,176,503	8,129,335
15 " 49 "	204	5,926	12,093,003	355,218	18,491,726	36,491,940
50 " 99 "	85	6,036	12,578,551	303,352	19,641,244	38,133,066
100 " 199 "	67	9,368	20,135,580	443,782	31,318,292	62,099,902
200 " 499 "	31	10,029	22,934,548	834,816	41,792,608	75,639,332
500 " 999 "	2					
<b>Totals</b>	<b>695</b>	<b>33,068</b>	<b>70,965,495</b>	<b>2,056,741</b>	<b>116,416,179</b>	<b>222,410,182</b>
<b>Textile Products (Except Clothing):</b>						
Under 5 employees	203	516	872,064	38,758	3,072,736	4,880,933
5 to 14 employees	275	2,343	4,798,025	208,806	10,414,118	19,323,368
15 " 49 "	251	6,678	14,922,877	813,728	44,093,689	70,788,143
50 " 99 "	91	6,494	14,797,603	951,187	42,381,711	68,425,592
100 " 199 "	56	7,913	20,136,536	1,323,437	43,962,897	76,175,336
200 " 499 "	53	16,456	42,255,818	3,005,576	84,194,498	159,260,301
500 " 999 "	18	12,122	29,734,120	2,252,428	54,347,746	105,230,022
1,000 " 1,499 "	7	7,809	19,405,169	1,440,570	48,693,465	86,649,763
1,500 and over	5	11,045	29,748,182	3,099,907	57,163,724	109,956,807
Head Offices <sup>1</sup>	—	1,814	7,934,222	—	—	—
<b>Totals</b>	<b>959</b>	<b>73,190</b>	<b>184,604,616</b>	<b>13,134,397</b>	<b>388,324,584</b>	<b>700,690,265</b>
<b>Knitting Mills:</b>						
Under 5 employees	36	89	167,550	7,880	539,196	949,390
5 to 14 employees	48	461	855,355	53,665	3,117,641	5,500,251
15 " 49 "	83	2,412	4,804,503	136,620	10,831,408	18,944,095
50 " 99 "	58	4,048	8,136,689	259,769	13,320,253	26,136,694
100 " 199 "	37	5,111	10,034,297	363,254	17,875,234	34,455,500
200 " 499 "	26	7,931	18,931,457	622,215	21,233,068	51,356,876
500 " 999 "	6	4,171	8,365,208	380,342	10,787,372	23,449,536
Head Offices <sup>1</sup>	—	190	1,125,622	—	—	—
<b>Totals</b>	<b>294</b>	<b>24,413</b>	<b>52,420,681</b>	<b>1,823,745</b>	<b>77,704,172</b>	<b>160,792,342</b>
<b>Clothing (Textile and Fur):</b>						
Under 5 employees	497	1,306	2,606,364	59,155	9,000,011	16,388,847
5 to 14 employees	822	7,326	16,135,932	272,989	35,522,387	67,150,414
15 " 49 "	969	26,816	58,421,338	695,885	97,385,436	193,158,715
50 " 99 "	313	21,413	44,204,120	530,511	82,128,502	154,934,423
100 " 199 "	129	17,445	34,203,671	375,913	62,746,151	119,153,969
200 " 499 "	50	14,710	31,251,387	322,444	53,897,521	102,951,676
500 " 999 "	7	6,404	14,130,975	134,495	20,878,474	43,450,627
1,500 and over	1					
Head Offices <sup>1</sup>	—	238	1,051,492	—	—	—
<b>Totals</b>	<b>2,788</b>	<b>95,658</b>	<b>202,005,279</b>	<b>2,391,392</b>	<b>361,558,482</b>	<b>697,188,671</b>
<b>Wood Products:</b>						
Under 5 employees	8,126	16,116	18,280,839	1,679,816	40,253,767	77,780,106
5 to 14 employees	2,627	21,481	43,376,697	3,026,800	97,581,288	180,479,985
15 " 49 "	1,206	31,325	77,001,233	3,984,103	168,768,155	308,367,148
50 " 99 "	308	21,231	55,485,318	2,382,445	112,883,530	209,803,624
100 " 199 "	134	18,374	50,041,237	1,901,348	98,618,959	185,799,435
200 " 499 "	46	13,311	39,000,758	1,144,078	59,617,153	132,240,891
500 " 999 "	13	11,513	38,026,270	783,240	72,008,204	147,543,623
1,000 and over	2					
Head Offices <sup>1</sup>	—	959	4,406,900	—	—	—
<b>Totals</b>	<b>12,462</b>	<b>134,310</b>	<b>325,619,252</b>	<b>14,901,830</b>	<b>649,731,056</b>	<b>1,242,014,812</b>
<b>Paper Products:</b>						
Under 5 employees	46	118	230,214	21,663	555,087	995,703
5 to 14 employees	100	870	2,225,840	201,201	5,846,340	10,513,443
15 " 49 "	152	4,472	10,903,040	790,276	28,565,960	51,775,931
50 " 99 "	84	6,054	16,622,947	1,482,497	49,546,458	90,746,233
100 " 199 "	69	9,697	29,874,371	3,929,865	84,668,638	152,408,884
200 " 499 "	57	17,657	61,815,482	17,010,206	167,721,806	355,775,394
500 " 999 "	33	23,384	92,423,091	32,979,027	219,258,286	500,441,049
1,000 " 1,499 "	10	12,763	53,843,116	18,828,929	108,469,039	267,739,149
1,500 and over	4	7,207	28,341,955	8,273,231	52,828,429	137,854,735
Head Offices <sup>1</sup>	—	2,214	13,827,651	—	—	—
<b>Totals</b>	<b>555</b>	<b>84,436</b>	<b>310,107,707</b>	<b>83,516,895</b>	<b>717,460,043</b>	<b>1,568,250,521</b>

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 52. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1953 - Concluded

Industrial group, by size	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Printing, Publishing and Allied Industries:</b>						
Under 5 employees	1,681	3,716	7,324,264	317,177	9,142,822	21,370,003
5 to 14 employees	1,069	8,680	22,461,988	551,001	18,037,740	54,136,051
15 " 49 "	443	11,378	32,696,050	659,204	22,609,137	74,423,384
50 " 99 "	148	10,272	31,611,493	656,382	22,937,475	79,238,846
100 " 199 "	65	8,944	27,830,628	573,291	24,167,795	74,169,787
200 " 499 "	37	11,630	37,713,058	659,408	34,104,519	109,254,393
500 " 999 "	10	6,744	24,464,777	366,021	21,342,183	67,391,310
1,000 " 1,499 "	3					
1,500 and over	1	5,082	21,216,982	383,876	19,480,122	59,746,524
Not classifiable	700	—	—	—	3,400,244	4,022,074
Head Offices <sup>1</sup>	—	84	307,314	—	—	—
<b>Totals</b>	<b>4,157</b>	<b>66,530</b>	<b>205,626,554</b>	<b>4,166,360</b>	<b>175,222,037</b>	<b>543,752,372</b>
<b>Iron and Steel Products:</b>						
Under 5 employees	650	1,728	4,024,304	267,161	3,853,077	11,215,042
5 to 14 employees	809	7,128	19,663,802	944,774	20,815,011	55,007,534
15 " 49 "	671	18,001	55,414,893	2,259,238	61,266,487	160,864,079
50 " 99 "	221	15,405	49,021,635	2,287,828	75,670,538	170,618,189
100 " 199 "	134	18,662	61,970,113	2,958,720	86,283,985	206,396,041
200 " 499 "	148	45,937	155,761,388	8,474,897	208,871,388	505,167,330
500 " 999 "	34	23,331	81,375,709	4,544,615	113,026,968	274,322,363
1,000 " 1,499 "	9	10,511	39,419,924	4,193,760	61,343,931	140,453,223
1,500 and over	22	46,879	174,133,932	25,523,298	275,033,854	574,507,278
Head Offices <sup>1</sup>	—	654	2,688,227	—	—	—
<b>Totals</b>	<b>2,698</b>	<b>188,236</b>	<b>643,474,127</b>	<b>51,454,291</b>	<b>906,165,239</b>	<b>2,098,551,079</b>
<b>Transportation Equipment:</b>						
Under 5 employees	195	426	763,203	47,755	706,689	1,988,686
5 to 14 employees	140	1,215	3,094,103	127,560	3,526,257	8,771,558
15 " 49 "	117	3,173	9,552,642	358,722	11,116,801	27,406,344
50 " 99 "	45	3,255	10,336,463	475,630	16,622,080	35,355,047
100 " 199 "	33	4,707	15,245,436	650,968	23,710,891	52,442,488
200 " 499 "	32	10,122	33,812,040	1,236,822	54,478,820	109,996,553
500 " 999 "	26	19,843	67,805,495	2,374,216	118,331,806	227,170,625
1,000 " 1,499 "	10	11,636	39,453,628	1,897,514	99,049,169	157,035,617
1,500 and over	23	101,641	375,119,545	10,609,710	783,411,068	1,469,770,715
Head Offices <sup>1</sup>	—	41	228,597	—	—	—
<b>Totals</b>	<b>621</b>	<b>156,059</b>	<b>555,411,152</b>	<b>17,778,897</b>	<b>1,110,953,581</b>	<b>2,089,937,633</b>
<b>Non-Ferrous Metal Products:</b>						
Under 5 employees	145	354	697,521	49,167	1,150,224	2,389,756
5 to 14 employees	165	1,430	3,739,743	168,277	6,306,569	12,569,261
15 " 49 "	121	3,210	9,136,485	456,750	37,951,930	55,089,670
50 " 99 "	50	3,370	9,803,677	638,432	21,503,251	40,746,546
100 " 199 "	25	3,579	10,088,131	744,124	47,404,363	67,979,625
200 " 499 "	24	8,190	26,704,471	7,758,302	96,140,372	161,697,159
500 " 999 "	12	8,006	26,602,891	11,560,649	173,722,638	246,711,354
1,000 " 1,499 "	2					
1,500 and over	7	23,153	88,361,457	36,326,707	341,948,768	654,827,623
Head Offices <sup>1</sup>	—	766	3,575,681	—	—	—
<b>Totals</b>	<b>551</b>	<b>52,058</b>	<b>178,710,057</b>	<b>57,702,408</b>	<b>726,128,115</b>	<b>1,242,010,994</b>
<b>Electrical Apparatus and Supplies:</b>						
Under 5 employees	65	153	328,517	12,931	998,376	1,805,483
5 to 14 employees	89	716	1,926,764	78,788	3,745,487	7,580,003
15 " 49 "	100	2,867	7,684,105	282,485	16,035,763	33,315,078
50 " 99 "	47	3,296	8,614,674	318,803	16,340,115	32,591,556
100 " 199 "	49	6,996	19,979,866	631,323	35,577,562	77,281,798
200 " 499 "	45	14,518	44,188,184	1,268,750	93,673,687	190,800,440
500 " 999 "	15	11,090	36,931,047	1,363,020	62,469,123	129,376,789
1,000 " 1,499 "	3	3,635	11,709,254	177,481	16,722,050	29,021,960
1,500 and over	9	32,646	115,208,664	2,823,163	138,181,831	346,417,147
Head Offices <sup>1</sup>	—	939	4,075,702	—	—	—
<b>Totals</b>	<b>422</b>	<b>76,856</b>	<b>250,646,777</b>	<b>6,956,744</b>	<b>383,743,994</b>	<b>848,190,254</b>
<b>Non-Metallic Mineral Products:</b>						
Under 5 employees	394	926	1,738,713	292,360	2,343,832	5,916,037
5 to 14 employees	334	2,739	6,729,451	1,052,792	8,786,743	22,939,787
15 " 49 "	221	5,922	16,630,639	4,908,774	21,376,092	67,190,650
50 " 99 "	69	4,742	14,829,037	4,963,631	18,908,094	54,045,722
100 " 199 "	49	7,141	23,325,152	8,858,519	28,748,081	93,630,980
200 " 499 "	18	5,307	17,018,389	6,951,400	24,447,066	76,953,050
500 " 999 "	8					
1,000 and over	1	6,835	23,841,582	7,947,015	29,508,940	88,232,966
Head Offices <sup>1</sup>	—	740	3,162,111	—	—	—
<b>Totals</b>	<b>1,094</b>	<b>34,352</b>	<b>107,275,074</b>	<b>34,974,491</b>	<b>134,118,848</b>	<b>408,909,192</b>

1. Under this heading are included only those head offices that are not located at the plant.

**TABLE 52. Principal Statistics of Manufacturing Industries, by Industrial Groups, Classified by Number of Employees per Establishment, 1953 - Concluded**

Industrial group, by size	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Products of Petroleum and Coal:</b>						
Under 5 employees	14	36	103,358	18,044	250,166	533,634
5 to 14 employees	17	153	464,798	55,884	2,853,551	3,657,260
15 " 49	24	659	2,161,476	446,360	8,753,148	17,324,102
50 " 99	11	676	2,381,731	1,537,860	26,350,422	37,804,203
100 " 199	10	1,454	5,453,201	2,374,431	50,014,057	74,915,391
200 " 499	16	4,800	18,959,970	13,498,546	216,322,622	289,510,715
500 " 999	6					
1,000 " 1,499	1	7,429	28,707,885	17,294,621	271,766,675	399,344,035
1,500 and over	1					
Head Offices <sup>1</sup>	—	1,905	8,333,015	—	—	—
<b>Totals</b>	<b>100</b>	<b>17,112</b>	<b>66,565,434</b>	<b>35,225,746</b>	<b>576,310,641</b>	<b>823,089,340</b>
<b>Chemicals and Allied Products:</b>						
Under 5 employees	371	830	1,673,247	104,447	3,716,620	8,956,838
5 to 14 employees	304	2,566	7,246,046	521,403	22,269,439	45,683,799
15 " 49	245	6,787	20,711,625	2,124,378	72,199,956	139,305,506
50 " 99	95	6,346	18,690,308	1,861,484	64,835,610	126,226,012
100 " 199	46	6,678	21,841,155	2,707,456	64,690,346	132,976,745
200 " 499	30	9,971	34,135,318	6,742,034	66,283,693	170,745,776
500 " 999	8	6,325	22,268,038	3,424,770	45,390,058	105,272,729
1,000 " 1,499	4					
1,500 and over	2	9,029	31,214,346	12,054,966	64,300,609	152,336,440
Head Office <sup>1</sup>	—	1,675	6,810,727	—	—	—
<b>Totals</b>	<b>1,105</b>	<b>50,207</b>	<b>164,590,810</b>	<b>29,540,938</b>	<b>403,686,331</b>	<b>881,503,845</b>
<b>Miscellaneous Industries:</b>						
Under 5 employees	505	1,133	2,578,212	187,450	3,143,469	7,755,363
5 to 14 employees	407	3,514	8,662,673	499,049	9,077,190	24,757,504
15 " 49	292	7,630	18,521,020	863,763	25,823,825	60,745,333
50 " 99	88	6,000	14,204,561	409,868	22,068,439	50,434,470
100 " 199	40	5,529	15,298,777	568,726	19,412,886	49,070,675
200 " 499	12	3,598	9,499,948	229,969	8,769,167	24,576,837
500 " 999	5					
1,000 " 1,499	1	4,552	16,313,851	293,132	15,172,925	43,942,709
Head Office <sup>1</sup>	—	267	875,453	—	—	—
<b>Totals</b>	<b>1,350</b>	<b>32,223</b>	<b>85,954,495</b>	<b>3,051,957</b>	<b>103,467,901</b>	<b>261,282,891</b>

1. Under this heading are included only those head offices that are not located at the plant.

**Size of Establishment in Leading Industries.** Table 53 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of motor vehicles, non-ferrous metal smelting and refining, railway rolling-stock, cotton yarn and cloth, primary iron and steel, pulp and paper, and heavy electrical machinery; whereas

in the case of women's factory clothing, miscellaneous food preparations, furniture, butter and cheese, bread and other bakery products, fruit and vegetable preparations, sawmills and men's factory clothing, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

**TABLE 53. Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1953**

Industry	Number of such establishments	Percentage of total number in the industry	Percentage of total shipments in the industry
1 Pulp and paper	76	60.0	94.2
2 Non-ferrous metal smelting and refining	17	94.4	99.9
3 Motor vehicles	10	50.0	98.5
4 Slaughtering and meatpacking	30	19.7	75.5
5 Petroleum products	16	29.1	83.9
6 Sawmills	23	0.3	27.4
7 Primary iron and steel	30	48.4	92.6
8 Aircraft and parts	13	30.2	97.8
9 Butter and cheese	17	1.1	19.1
10 Railway rolling stock	24	66.7	96.7
11 Motor vehicle parts	22	12.3	80.2
12 Rubber goods, including footwear	21	29.2	92.4
13 Miscellaneous food preparations	4	1.2	15.6
14 Bread and other bakery products	24	0.9	29.0
15 Clothing, men's factory	37	6.2	40.0
16 Flour mills	9	9.5	50.6
17 Miscellaneous electrical apparatus and supplies	17	11.3	75.9
18 Machinery, heavy, electrical	19	34.5	90.0
19 Printing and publishing	30	3.8	66.6
20 Furniture	17	1.0	17.6
21 Machinery, industrial	28	9.0	55.7
22 Sheet metal products	26	8.2	61.6
23 Clothing, women's, factory	9	1.1	6.7
24 Cotton yarn and cloth	30	55.6	92.7
25 Fruit and vegetable preparations	4	0.9	30.5

**TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1953**

Industry and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>1. Pulp and Paper:</b>						
5 to 14 employees .....	5	59	146,168	84,167	182,035	698,857
15 " 49 " .....	13	405	1,132,869	367,557	2,403,924	5,301,602
50 " 99 " .....	15	1,011	3,305,671	917,638	7,322,214	16,425,857
100 " 199 " .....	18	2,526	8,584,242	2,916,258	22,893,643	46,200,979
200 " 499 " .....	32	10,773	41,266,285	16,249,079	97,680,571	229,980,724
500 " 999 " .....	30	21,492	86,609,012	32,742,656	207,571,139	475,463,540
1,000 " 1,499 " .....	10	12,763	53,843,116	18,828,929	108,469,039	267,739,149
1,500 and over .....	4	7,207	28,341,955	8,273,231	52,828,429	137,854,735
Head Offices <sup>1</sup> .....	—	1,958	12,512,342	—	—	—
<b>Totals .....</b>	<b>127</b>	<b>58,194</b>	<b>235,741,660</b>	<b>80,379,515</b>	<b>499,350,994</b>	<b>1,179,665,443</b>
<b>2. Non-ferrous Metal Smelting and Refining:</b>						
100 to 199 employees .....	1	2,254	8,200,254	7,030,333	58,778,780	91,235,381
200 " 499 " .....	5					
500 " 999 " .....	5	4,831	16,746,453	12,661,788	185,358,342	216,462,543
1,000 " 1,499 " .....	1					
1,500 and over .....	6	18,030	69,598,904	32,902,034	263,979,637	563,220,218
<b>Totals .....</b>	<b>18</b>	<b>25,115</b>	<b>94,545,611</b>	<b>52,594,155</b>	<b>508,116,759</b>	<b>870,918,142</b>
<b>3. Motor Vehicles:</b>						
15 to 49 employees .....	2	479	1,800,773	105,987	6,008,453	8,651,735
50 " 99 " .....	5					
100 " 199 " .....	3	396	1,177,784	32,921	2,760,034	4,169,996
200 " 499 " .....	4	1,186	4,233,793	125,214	9,744,777	15,756,267
500 " 999 " .....	2	3,055	10,786,641	667,319	62,887,796	83,516,991
1,000 " 1,499 " .....	2					
1,500 and over .....	3	27,857	113,317,143	3,315,929	476,308,026	723,459,560
<b>Totals .....</b>	<b>20</b>	<b>32,973</b>	<b>131,316,134</b>	<b>4,247,370</b>	<b>557,709,086</b>	<b>835,554,549</b>
<b>4. Slaughtering and Meat packing:</b>						
Under 5 employees .....	10	28	57,599	12,392	763,975	910,320
5 to 14 employees .....	44	405	952,833	119,957	14,666,428	16,981,066
15 " 49 " .....	37	968	2,678,639	257,622	39,027,819	44,935,750
50 " 99 " .....	16	1,085	3,257,062	298,701	39,338,098	46,236,217
100 " 199 " .....	15	2,092	6,557,603	626,024	77,297,130	94,228,348
200 " 499 " .....	18	5,710	19,010,807	1,074,523	157,778,501	194,493,128
500 " 999 " .....	7	4,831	15,817,013	688,750	120,406,250	149,478,083
1,000 " 1,499 " .....	4					
1,500 and over .....	1	7,768	26,100,387	1,603,190	223,485,754	282,205,110
<b>Totals .....</b>	<b>152</b>	<b>22,887</b>	<b>74,431,943</b>	<b>4,681,159</b>	<b>672,763,953</b>	<b>829,468,022</b>
<b>5. Petroleum Products:</b>						
Under 5 employees .....	5	9	21,643	1,097	52,855	144,076
5 to 14 employees .....	7	57	177,778	23,812	760,556	1,404,181
15 " 49 " .....	13	379	1,292,446	349,857	7,071,652	12,508,058
50 " 99 " .....	7	428	1,563,279	838,941	21,215,928	29,560,703
100 " 199 " .....	7	996	4,052,336	2,127,108	48,177,561	68,322,292
200 " 499 " .....	11	3,160	12,994,734	9,165,182	179,397,895	229,677,369
500 " 999 " .....	4					
1,500 and over .....	1	4,927	20,184,102	15,665,297	250,537,593	353,371,926
Head Offices <sup>1</sup> .....	—	1,902	8,288,454	—	—	—
<b>Totals .....</b>	<b>55</b>	<b>11,858</b>	<b>48,574,772</b>	<b>28,171,294</b>	<b>507,214,040</b>	<b>694,988,605</b>
<b>6. Sawmills:</b>						
Under 5 employees .....	5,886	11,592	10,401,482	1,134,937	29,082,573	53,970,318
5 to 14 employees .....	1,640	13,305	24,767,154	1,977,631	61,008,086	113,836,491
15 " 49 " .....	527	12,972	32,438,657	1,858,225	72,572,431	136,578,552
50 " 99 " .....	82	5,628	15,710,303	684,924	33,562,671	63,364,893
100 " 199 " .....	36	5,050	15,849,805	606,100	30,902,165	59,649,992
200 " 499 " .....	12	3,314	11,450,850	226,942	20,401,511	41,780,834
500 " 999 " .....	10					
1,000 " 1,499 " .....	1	8,356	28,204,346	553,993	57,055,206	111,512,624
Head Offices <sup>1</sup> .....	—	716	3,308,406	—	—	—
<b>Totals .....</b>	<b>8,194</b>	<b>60,933</b>	<b>142,131,003</b>	<b>7,042,752</b>	<b>304,584,643</b>	<b>580,693,704</b>

1. Under this heading are included only those head offices which are not located at the plant.



**TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1953 - Continued**

Industry and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>7. Primary Iron and Steel:</b>						
5 to 14 employees .....	5	33	117,512	14,878	105,752	210,401
15 " 49 " .....	9	300	1,055,110	158,552	609,058	2,169,444
50 " 99 " .....	6	433	1,296,162	366,567	3,100,436	5,733,113
100 " 199 " .....	12	1,706	5,890,353	714,307	14,225,369	26,012,311
200 " 499 " .....	12	3,270	11,885,727	2,352,058	14,371,322	40,251,436
500 " 999 " .....	2	2,579	10,034,622	3,028,847	19,817,226	40,919,261
1,000 " 1,499 " .....	1					
1,500 and over .....	15	26,622	99,365,042	22,937,114	160,145,124	343,608,289
Head Offices <sup>1</sup> .....	-	13	65,028	-	-	-
<b>Totals .....</b>	<b>62</b>	<b>34,956</b>	<b>129,709,556</b>	<b>29,572,323</b>	<b>212,374,287</b>	<b>458,904,255</b>
<b>8. Aircraft and Parts:</b>						
Under 5 employees .....	3	9	30,385	776	2,479	67,057
5 to 14 employees .....	8	85	273,207	7,112	60,352	591,054
15 " 49 " .....	13	384	1,360,110	32,274	749,646	3,397,559
50 " 99 " .....	4	552	1,923,015	32,102	834,954	4,688,175
100 " 199 " .....	2					
200 " 499 " .....	3	916	3,004,296	92,132	4,355,330	8,633,234
500 " 999 " .....	3	4,912	15,262,638	244,815	10,572,453	28,747,283
1,000 " 1,499 " .....	2					
1,500 and over .....	5	31,190	120,522,048	2,029,679	119,181,775	352,619,910
<b>Totals .....</b>	<b>43</b>	<b>38,048</b>	<b>142,375,699</b>	<b>2,438,890</b>	<b>135,756,989</b>	<b>398,744,272</b>
<b>9. Butter and Cheese:</b>						
Under 5 employees .....	910	2,256	3,367,874	864,740	63,452,276	70,622,548
5 to 14 employees .....	388	3,071	6,526,011	1,478,131	74,214,759	89,491,697
15 " 49 " .....	155	3,961	9,462,339	1,820,030	59,709,285	80,766,808
50 " 99 " .....	36	2,526	6,705,310	807,627	23,849,508	37,587,553
100 " 199 " .....	21	2,882	7,998,506	819,169	27,512,448	42,601,321
200 " 499 " .....	13	3,668	10,992,883	906,233	28,201,266	46,899,511
500 " 999 " .....	4	2,333	7,454,656	556,855	16,976,097	28,986,277
<b>Totals .....</b>	<b>1,527</b>	<b>20,697</b>	<b>52,507,579</b>	<b>7,252,785</b>	<b>293,915,639</b>	<b>396,955,715</b>
<b>10. Railway Rolling Stock:</b>						
5 to 14 employees .....	2	95	316,386	16,163	1,474,616	2,013,516
15 " 49 " .....	3					
50 " 99 " .....	3	208	559,239	55,834	1,732,271	3,512,432
100 " 199 " .....	4	530	1,769,046	110,669	2,423,073	5,589,679
200 " 499 " .....	5	1,458	4,713,434	199,771	2,977,375	8,537,757
500 " 999 " .....	7	5,135	17,005,106	711,627	36,977,427	62,968,965
1,000 " 1,499 " .....	3	3,452	12,055,168	632,198	27,647,324	43,768,348
1,500 and over .....	9	24,569	81,607,971	3,024,931	106,660,171	211,930,532
<b>Totals .....</b>	<b>36</b>	<b>35,447</b>	<b>118,026,350</b>	<b>4,751,193</b>	<b>179,892,257</b>	<b>338,321,229</b>
<b>11. Motor Vehicle Parts:</b>						
Under 5 employees .....	26	71	174,597	12,308	159,286	564,157
5 to 14 employees .....	50	454	1,205,519	54,785	2,006,492	4,412,048
15 " 49 " .....	49	1,284	3,793,684	166,056	5,191,953	12,100,665
50 " 99 " .....	16	1,154	3,446,841	152,196	5,994,204	12,415,615
100 " 199 " .....	16	2,279	7,385,344	342,445	16,079,948	31,288,960
200 " 499 " .....	11	3,622	12,998,491	570,053	29,252,057	55,364,392
500 " 999 " .....	7	5,098	17,824,148	736,284	23,001,936	53,491,570
1,000 " 1,499 " .....	2	9,332	34,129,578	2,066,554	80,638,136	138,039,263
1,500 and over .....	2					
Head Offices <sup>1</sup> .....	-	41	228,597	-	-	-
<b>Totals .....</b>	<b>179</b>	<b>23,335</b>	<b>81,186,799</b>	<b>4,100,681</b>	<b>162,324,012</b>	<b>307,676,670</b>
<b>12. Rubber Goods, Including Footwear:</b>						
Under 5 employees .....	8	14	21,450	989	16,287	48,116
5 to 14 employees .....	14	112	298,179	25,396	450,575	988,778
15 " 49 " .....	14	355	1,012,258	70,186	2,749,011	5,876,426
50 " 99 " .....	8	640	1,733,221	175,990	2,392,438	6,214,821
100 " 199 " .....	7	1,014	2,543,074	186,678	4,156,285	8,910,265
200 " 499 " .....	6	2,130	6,474,944	455,984	10,141,645	26,622,423
500 " 999 " .....	7	4,703	13,884,352	541,072	12,782,398	37,643,862
1,000 " 1,499 " .....	4	5,007	15,594,187	703,541	22,823,779	53,474,246
1,500 and over .....	4	8,535	29,109,150	1,564,874	58,824,276	150,956,522
Head Offices <sup>1</sup> .....	-	90	323,828	-	-	-
<b>Totals .....</b>	<b>72</b>	<b>22,600</b>	<b>70,994,643</b>	<b>3,724,710</b>	<b>114,336,694</b>	<b>290,735,459</b>

1. Under this heading are included only those head offices which are not located at the plant.

TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1953 - Continued

Industry and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>13. Miscellaneous Food Preparations:</b>						
Under 5 employees.....	86	204	368,275	31,695	1,488,931	2,432,692
5 to 14 employees.....	103	862	1,974,413	174,515	15,381,134	20,563,369
15 " 49 ".....	79	2,205	5,302,609	502,002	35,613,902	50,134,062
50 " 99 ".....	31	2,189	5,546,001	938,077	49,621,948	69,893,686
100 " 199 ".....	19	2,760	7,340,364	573,330	70,266,659	96,973,370
200 " 499 ".....	4	1,214	3,994,576	903,080	28,006,162	44,369,252
Head Offices <sup>1</sup> .....	—	323	1,501,896	—	—	—
<b>Totals.....</b>	<b>322</b>	<b>9,757</b>	<b>26,028,134</b>	<b>3,122,699</b>	<b>200,378,736</b>	<b>284,366,431</b>
<b>14. Bread and Other Bakery Products:</b>						
Under 5 employees.....	1,391	3,455	5,646,350	1,080,520	11,155,253	21,816,849
5 to 14 employees.....	852	6,655	12,563,721	1,597,080	21,704,995	42,827,900
15 " 49 ".....	204	5,241	11,781,294	1,365,982	20,763,123	42,594,065
50 " 99 ".....	66	4,381	11,350,462	1,136,932	18,252,346	40,462,831
100 " 199 ".....	34	4,691	13,078,055	1,218,377	22,684,716	49,714,595
200 " 499 ".....	18	5,470	15,151,100	1,368,776	22,234,391	49,950,429
500 " 999 ".....	6	3,647	11,331,705	1,017,951	12,429,833	30,631,423
<b>Totals.....</b>	<b>2,571</b>	<b>33,540</b>	<b>80,902,687</b>	<b>8,785,618</b>	<b>129,224,657</b>	<b>277,998,092</b>
<b>15. Clothing, Men's Factory:</b>						
Under 5 employees.....	103	241	532,613	8,579	3,394,493	6,451,908
5 to 14 employees.....	135	1,201	2,708,708	43,032	10,923,177	20,567,102
15 " 49 ".....	180	5,238	10,704,642	152,344	21,352,564	40,827,113
50 " 99 ".....	100	7,033	13,383,020	189,131	28,959,425	50,835,168
100 " 199 ".....	46	6,440	13,463,819	134,329	25,273,685	45,646,874
200 " 499 ".....	30	9,184	20,098,093	182,056	38,605,161	71,519,339
500 " 999 ".....	6	5,557	12,817,440	118,970	18,775,475	38,098,521
1,500 and over.....	1	—	—	—	—	—
Head Offices <sup>1</sup> .....	—	225	1,001,553	—	—	—
<b>Totals.....</b>	<b>601</b>	<b>35,119</b>	<b>74,709,888</b>	<b>828,441</b>	<b>147,283,980</b>	<b>273,946,025</b>
<b>16. Flour Mills:</b>						
Under 5 employees.....	22	49	77,327	23,326	709,041	856,722
5 to 14 employees.....	26	223	558,647	90,761	6,237,445	7,386,125
15 " 49 ".....	26	672	1,935,430	258,846	32,946,548	39,676,409
50 " 99 ".....	5	417	1,325,557	193,039	26,054,794	30,008,035
100 " 199 ".....	7	950	2,483,428	407,908	45,870,375	53,766,993
200 " 499 ".....	9	2,554	8,172,743	676,188	112,700,184	134,736,264
Head Offices <sup>1</sup> .....	—	97	393,178	—	—	—
<b>Totals.....</b>	<b>95</b>	<b>4,962</b>	<b>14,946,310</b>	<b>1,650,068</b>	<b>224,518,387</b>	<b>266,430,548</b>
<b>17. Miscellaneous Electrical Apparatus and Supplies:</b>						
Under 5 employees.....	24	55	95,232	4,848	118,625	299,472
5 to 14 employees.....	36	279	755,407	29,295	1,667,586	3,408,547
15 " 49 ".....	38	1,151	3,150,758	154,451	9,203,644	18,092,858
50 " 99 ".....	23	1,615	4,517,327	179,083	9,706,998	18,195,161
100 " 199 ".....	13	1,839	5,128,081	187,291	7,256,337	21,153,070
200 " 499 ".....	10	3,250	9,598,834	478,850	19,180,852	41,288,176
500 " 999 ".....	5	14,270	50,336,988	1,567,168	62,187,128	151,293,997
1,500 and over.....	—	212	993,460	—	—	—
Head Offices <sup>1</sup> .....	—	—	—	—	—	—
<b>Totals.....</b>	<b>151</b>	<b>22,671</b>	<b>74,576,087</b>	<b>2,600,986</b>	<b>109,321,170</b>	<b>253,731,281</b>
<b>18. Machinery, Heavy, Electrical:</b>						
Under 5 employees.....	3	11	28,447	711	93,602	153,415
5 to 14 employees.....	6	48	132,914	4,114	207,518	439,780
15 " 49 ".....	9	221	640,741	20,348	947,781	2,338,969
50 " 99 ".....	9	636	1,655,740	48,250	2,356,486	4,934,977
100 " 199 ".....	9	1,231	4,413,522	87,677	6,640,871	16,568,102
200 " 499 ".....	11	3,353	11,205,902	221,773	11,783,805	29,779,821
500 " 999 ".....	3	4,462	14,424,995	251,526	15,776,713	36,740,225
1,000 " 1,499 ".....	2	—	—	—	—	—
1,500 and over.....	3	15,011	53,819,274	1,339,709	49,897,497	153,317,723
Head Offices <sup>1</sup> .....	—	481	2,038,128	—	—	—
<b>Totals.....</b>	<b>55</b>	<b>25,454</b>	<b>88,359,663</b>	<b>1,974,108</b>	<b>87,704,273</b>	<b>244,273,012</b>

1. Under this heading are included only those head offices which are not located at the plant.

**TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1953 - Continued**

Industry and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>19. Printing and Publishing:</b>						
Under 5 employees.....	321	799	1,728,508	121,867	748,822	3,548,373
5 to 14 employees.....	258	2,082	5,386,053	205,843	1,970,706	10,559,050
15 " 49 ".....	110	2,776	7,284,842	208,342	2,840,400	14,865,566
50 " 99 ".....	50	3,722	11,008,451	281,325	5,117,921	26,643,138
100 " 199 ".....	26	3,345	10,472,911	251,448	5,915,971	25,846,168
200 " 499 ".....	19	5,819	18,838,058	368,010	15,208,618	54,885,983
500 " 999 ".....	7	4,823	17,731,092	314,217	15,531,615	47,797,477
1,000 " 1,499 ".....	3					
1,500 and over.....	1	5,082	21,216,982	383,876	19,480,122	59,746,524
Head Offices <sup>1</sup> .....	-	51	154,714	-	-	-
<b>Totals.....</b>	<b>795</b>	<b>28,499</b>	<b>93,821,611</b>	<b>2,134,928</b>	<b>66,814,175</b>	<b>243,892,279</b>
<b>20. Furniture:</b>						
Under 5 employees.....	869	1,840	3,559,137	185,436	4,486,717	10,054,916
5 to 14 employees.....	332	2,763	6,521,855	218,210	9,551,053	19,552,989
15 " 49 ".....	286	7,419	18,471,783	564,751	30,015,370	60,224,789
50 " 99 ".....	88	6,134	16,050,179	520,107	22,950,449	48,862,550
100 " 199 ".....	48	6,260	16,580,073	479,073	24,342,664	52,041,027
200 " 499 ".....	16					
500 " 999 ".....	1	5,352	14,653,150	359,597	16,400,999	40,821,083
<b>Totals.....</b>	<b>1,640</b>	<b>29,768</b>	<b>75,836,177</b>	<b>2,327,174</b>	<b>107,747,252</b>	<b>231,557,354</b>
<b>21. Machinery, Industrial:</b>						
Under 5 employees.....	54	145	344,597	23,716	466,444	1,359,246
5 to 14 employees.....	72	653	1,978,963	76,778	2,056,669	5,748,879
15 " 49 ".....	88	2,572	8,116,993	264,713	6,983,108	21,494,756
50 " 99 ".....	41	3,047	10,284,562	289,336	14,948,286	33,659,722
100 " 199 ".....	29	3,820	13,368,380	330,771	10,890,048	37,820,518
200 " 499 ".....	23	6,573	21,909,931	669,318	20,475,342	62,016,581
500 " 999 ".....	4					
1,500 and over.....	1	4,990	17,948,515	683,544	22,574,847	63,862,779
Head Offices <sup>1</sup> .....	-	363	1,343,512	-	-	-
<b>Totals.....</b>	<b>312</b>	<b>22,163</b>	<b>75,295,453</b>	<b>2,338,176</b>	<b>78,394,744</b>	<b>225,962,481</b>
<b>22. Sheet Metal Products:</b>						
Under 5 employees.....	50	138	328,514	21,021	494,592	1,096,197
5 to 14 employees.....	98	874	2,288,132	87,221	3,891,798	8,276,729
15 " 49 ".....	98	2,574	7,542,893	316,250	12,453,756	27,175,819
50 " 99 ".....	32	2,382	7,411,763	326,166	15,278,422	31,298,422
100 " 199 ".....	12	1,598	4,871,193	211,773	9,189,897	18,674,283
200 " 499 ".....	20	6,342	21,768,787	928,214	51,679,954	90,653,843
500 " 999 ".....	5					
1,000 " 1,499 ".....	1	4,340	14,539,890	519,698	26,197,741	48,247,738
Head Offices <sup>1</sup> .....	-	27	83,659	-	-	-
<b>Totals.....</b>	<b>316</b>	<b>18,275</b>	<b>58,831,831</b>	<b>2,410,343</b>	<b>119,186,160</b>	<b>225,423,031</b>
<b>23. Clothing, Women's, Factory:</b>						
Under 5 employees.....	67	178	367,622	8,235	1,319,486	2,561,871
5 to 14 employees.....	214	2,074	4,429,619	58,937	8,047,159	15,641,265
15 " 49 ".....	382	10,788	24,361,702	222,308	42,819,210	83,685,017
50 " 99 ".....	117	7,727	17,235,320	130,561	32,348,018	62,572,884
100 " 199 ".....	41	5,331	10,725,941	86,464	23,114,046	41,259,938
200 " 499 ".....	9	2,179	4,717,845	37,449	8,538,969	14,689,203
<b>Totals.....</b>	<b>830</b>	<b>28,277</b>	<b>61,838,049</b>	<b>543,954</b>	<b>116,186,888</b>	<b>220,410,178</b>
<b>24. Cotton Yarn and Cloth:</b>						
Under 5 employees.....	1	29	37,578	3,369	85,728	164,081
5 to 14 employees.....	3					
15 " 49 ".....	7	188	441,324	16,274	1,714,172	2,508,005
50 " 99 ".....	7	587	1,181,276	117,136	3,537,357	5,430,619
100 " 199 ".....	6	769	1,801,896	177,852	4,919,179	7,324,290
200 " 499 ".....	14	4,331	10,362,185	753,998	25,828,687	44,572,020
500 " 999 ".....	8	5,092	12,363,901	1,077,832	25,868,907	45,397,936
1,000 " 1,499 ".....	5	5,729	12,327,123	964,419	29,578,669	47,694,057
1,500 and over.....	3	5,698	13,234,425	866,329	41,384,846	57,129,950
Head Offices <sup>1</sup> .....	-	755	3,286,832	-	-	-
<b>Totals.....</b>	<b>54</b>	<b>23,178</b>	<b>55,036,540</b>	<b>3,977,209</b>	<b>132,917,545</b>	<b>210,220,958</b>

1. Under this heading are included only those head offices which are not located at the plant.

**TABLE 54. Principal Statistics of the Twenty-Five Leading Manufacturing Industries Classified According to the Number of Employees per Establishment, 1953 — Concluded**

Industry and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
25. Fruit and Vegetable Preparations:						
Under 5 employees .....	112	246	316,348	41,191	1,352,954	2,106,996
5 to 14 employees .....	117	1,031	1,593,691	160,196	6,670,193	10,500,070
15 " 49 " .....	143	3,945	7,131,150	576,253	25,660,309	42,119,769
50 " 99 " .....	49	3,263	6,371,912	627,268	24,591,159	39,367,570
100 " 199 " .....	29	4,017	8,408,599	607,900	28,871,105	48,440,099
200 " 499 " .....	2	2,573	8,007,075	604,207	32,765,280	62,584,965
500 " 999 " .....	2					
Head Offices .....	—	310	1,010,124	—	—	—
<b>Totals.....</b>	<b>454</b>	<b>15,385</b>	<b>32,838,899</b>	<b>2,717,015</b>	<b>119,911,000</b>	<b>205,119,469</b>

1. Under this heading are included only those head offices which are not located at the plant.

### Subsection 7. Fuel and Power Consumption

**Cost of 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 55. 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 increased rapidly during the years preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed, as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of purchased fuel consumed increased 354 p.c. from 1939 to 1953. Part of the increase was due to an increase in the quantity used and part to the rise in the unit cost of fuels of all kinds. The cost of electricity purchased, on the other hand, has increased during the same period by 202 p.c. The groups of industries in which fuel was most extensively used in 1953 were: paper products, foods and beverages, iron and steel, products of petroleum and coal, non-metallic mineral products, non-ferrous metal products and chemicals and allied products.

Of the total cost of purchased fuel and electricity for Canada as a whole in 1953, 62.9 p.c. was for fuel and 37.1 for electricity. Percentage wise, Newfoundland with 89.3 p.c. of the total was the largest user of fuel, while Quebec with 50.4 p.c. was the smallest. Provinces lacking in water power resources naturally have to rely on fuel for power, and for this reason the percentage that fuel is to the total is much higher than in Provinces such as Quebec where there is an abundant supply of water for power purposes. In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

**Power Consumption.** Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power,

are not the result of temporary fluctuations in cost and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or breakdown of part of the plant. In times of depression this margin increases. During short periods of expanded production, the number of horse-power per wage-earner tends to decrease in view of the fact power equipment is not immediately increased, the expanded production being secured through overtime work or an increase in the number of shifts worked.

Of the total increase in power equipment employed in manufacturing industries between 1939 and 1953, 75 p.c. was in electric motors operated by power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—also has increased rapidly during the period covered. During the period 1939-1953 there was an increase of 31 p.c. in the capacity of hydraulic turbines and water wheels, 56 p.c. in the capacity of steam engines and steam turbines, 115 p.c. in the capacity of electric motors, while internal combustion engines increased more than fivefold. The collection of statistics on power equipment was discontinued in 1949, but was collected again for 1953.

Power consumed by the manufacturing industries, purchased power as well as power generated for own use, totalled 40.9 billion K.W.H. in 1953, an increase of 111 p.c. as compared with 1939. Of the total consumed, Quebec used 54.9 p.c., Ontario 27.7 p.c., British Columbia 7.8 p.c., Newfoundland 2.2 p.c., New Brunswick 1.9 p.c., and Manitoba 1.9 p.c.

The paper products group with 36.3 p.c. of the total was the largest user of electric power. This group was also the largest user of purchased fuel. The non-ferrous metal products group was the second largest user of power with 32.7 p.c., followed by chemicals and allied products with 9.2 p.c., iron and steel products 6.4 p.c., non-metallic mineral products 4.3 p.c., foods and beverages 2.6 p.c. etc.

Table 55 gives details of purchased fuel and electricity as well as power consumption by industrial groups and provinces. Table 56 gives details of power equipment and Tables 57 and 58 give details of fuel consumption for selected years from 1926 to 1953.



**TABLE 55. Value of Fuel and Electricity Used by the Manufacturing Industries of Canada, 1939-52 with Details by Provinces and Industrial Groups, 1953**

Note: Includes fuel and electricity used in smelters for metallurgical purposes.

Year, Province or Group	Value of purchased fuel	Value of purchased electricity	Total	Consumption of electric power		
				Purchased	Generated for own use	Total
	\$	\$	\$	1000 K.W.H.	1000 K.W.H.	1000 K.W.H.
1939.....	57,063,131	50,509,121	107,572,252	17,072,764	2,357,669	19,430,433
1940.....	78,550,913	58,429,262	136,980,175	17,954,995	2,640,918	20,595,913
1941.....	102,886,816	71,754,501	174,641,317	20,289,238	2,840,841	23,130,079
1942.....	121,512,643	85,205,846	206,718,489	23,650,840	3,345,443	26,996,283
1943.....	134,004,345	91,950,030	225,954,375	26,399,730	3,211,610	29,611,340
1944.....	137,883,770	87,699,383	225,583,153	25,777,238	2,752,124	28,529,362
1945.....	128,384,255	83,999,865	212,384,120	23,986,993	2,362,260	26,349,253
1946.....	127,179,620	83,273,105	210,452,725	25,250,876	2,714,261	27,965,137
1947.....	163,813,503	90,876,176	254,689,679	26,728,239	3,467,535	30,195,774
1948.....	209,063,839	94,475,355	303,539,194	24,907,413	4,590,676	29,498,089
1949.....	208,776,571	97,019,231	305,795,802	25,067,855	5,898,390	30,966,245
1950.....	229,993,079	106,940,541	336,933,620	27,482,129	6,266,050	33,748,179
1951.....	252,573,952	124,140,044	376,713,996	31,243,249	6,369,094	37,612,343
1952.....	257,443,536	135,537,806	392,981,342	32,418,626	6,450,729	38,869,355
Provinces, 1953						
Newfoundland.....	3,365,144	402,741	3,767,885	22,408	889,100	911,508
Prince Edward Island.....	235,595	120,816	356,411	4,275	—	4,275
Nova Scotia.....	8,924,710	2,626,854	11,551,564	312,042	186,026	498,068
New Brunswick.....	8,557,382	2,777,981	11,335,363	416,335	374,004	790,339
Quebec.....	73,416,534	72,347,718	145,764,252	21,679,033	774,883	22,453,916
Ontario.....	128,254,809	57,989,157	186,243,966	9,248,882	2,073,067	11,321,949
Manitoba.....	6,078,677	3,593,228	9,671,905	744,972	6,656	751,628
Saskatchewan.....	4,499,849	1,867,963	6,367,812	376,505	40,353	416,858
Alberta.....	6,548,320	3,384,917	9,933,237	397,140	177,136	574,276
British Columbia.....	19,188,948	7,452,773	26,641,721	824,256	2,379,358	3,203,614
Yukon and Northwest Territories.....	142,525	12,180	154,705	287	860	1,147
<b>Canada.....</b>	<b>259,212,493</b>	<b>152,576,328</b>	<b>411,788,821</b>	<b>34,026,135</b>	<b>6,901,443</b>	<b>40,927,578</b>
Industrial Groups, 1953						
Foods and beverages.....	36,369,870	12,378,184	48,748,054	1,026,993	43,762	1,070,755
Tobacco and tobacco products.....	405,706	233,519	639,225	18,395	—	18,395
Rubber products.....	1,855,107	1,869,603	3,724,710	250,293	7,747	258,040
Leather products.....	1,223,075	833,666	2,056,741	51,274	—	51,274
Textile products (except clothing).....	7,812,938	5,321,459	13,134,397	593,380	79,385	672,765
Knitting mills.....	1,208,002	615,743	1,823,745	44,933	1,087	46,020
Clothing (textile and fur).....	929,932	1,461,460	2,391,392	63,562	—	63,562
Wood products.....	8,342,878	6,558,952	14,901,830	405,274	159,304	564,578
Paper products.....	49,449,594	34,067,301	83,516,895	10,563,309	4,273,112	14,836,421
Printing publishing and allied industries.....	1,978,888	2,187,472	4,166,360	126,596	—	126,596
Iron and steel products.....	32,681,616	18,772,675	51,454,291	2,457,260	167,522	2,624,782
Transportation equipment.....	11,101,193	6,677,704	17,778,897	676,396	109,240	785,636
Non-ferrous metal products.....	25,840,401	31,862,007	57,702,408	12,600,474	790,145	13,390,619
Electrical apparatus and supplies.....	3,490,134	3,466,610	6,956,744	348,407	10,220	358,626
Non-metallic mineral products.....	25,938,982	9,035,509	34,974,491	1,742,253	25,050	1,767,303
Products of petroleum and coal.....	32,342,588	2,883,158	35,225,746	381,405	10,777	392,182
Chemicals and allied products.....	16,761,944	12,778,994	29,540,938	2,545,458	1,224,087	3,769,546
Miscellaneous industries.....	1,479,645	1,572,312	3,051,957	130,473	5	130,478

**TABLE 56. Power Equipment Installed in the Manufacturing Industries of Canada, 1926-48, with Details by Provinces and Industrial Groups, 1953**

Year and province or group	Steam engines and turbines	Internal combustion engines	Hydraulic turbines and water wheels	Total	Electric motors operated by purchased power	Total power equipment	Electric motors operated by power generated by establishments reporting	Total electric motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1926.....	698,343	56,068	603,618	1,358,029	1,764,348	3,122,377	391,708	2,156,056
1929.....	762,697	60,841	645,270	1,468,808	2,386,840	3,855,648	495,921	2,882,761
1933.....	738,297	76,583	657,683	1,472,563	2,602,445	4,135,008	497,392	3,159,837
1937.....	834,703	98,233	649,557	1,582,493	3,129,790	4,712,283	602,955	3,732,745
1939.....	827,801	121,997	731,390	1,681,188	3,364,099	5,045,287	694,450	4,058,549
1944.....	1,013,615	288,312	729,216	2,031,143	4,437,296	6,468,439	779,717	5,217,013
1946.....	1,032,639	368,458	732,859	2,133,956	4,649,993	6,783,949	820,371	5,470,364
1948.....	1,076,411	544,888	1,150,308	2,771,607	5,387,807	8,159,414	931,312	6,319,119
Province, 1953								
Newfoundland.....	16,015	14,468	235,935	266,418	15,557	281,975	225,504	241,061
Prince Edward Island.....	651	3,323	632	4,606	3,034	7,640	—	3,034
Nova Scotia.....	58,880	38,590	13,100	110,570	144,638	255,208	82,711	227,349
New Brunswick.....	96,125	26,070	14,030	136,225	186,253	322,478	88,556	274,809
Quebec.....	233,411	111,508	253,880	598,799	2,887,658	3,486,457	173,419	3,061,077
Ontario.....	554,856	168,009	316,958	1,039,823	3,108,826	4,148,649	423,112	3,531,938
Manitoba.....	10,675	14,907	28	25,610	207,057	232,667	6,219	213,276
Saskatchewan.....	17,168	30,355	—	47,523	65,845	113,368	1,997	67,842
Alberta.....	67,015	94,608	—	161,623	176,037	337,660	23,620	199,657
British Columbia.....	236,959	238,120	127,065	602,144	606,857	1,209,001	278,403	885,260
Yukon and Northwest Territories.....	—	2,354	—	2,354	246	2,600	—	246
<b>Totals, 1953</b> .....	<b>1,291,755<sup>1</sup></b>	<b>742,312</b>	<b>961,628</b>	<b>2,995,695</b>	<b>7,402,008</b>	<b>10,397,703</b>	<b>1,303,541</b>	<b>8,705,549</b>
Industrial group, 1953								
Foods and beverages.....	76,515	53,946	22,074	152,535	623,869	776,404	50,343	674,212
Tobacco and tobacco products.....	466	375	—	841	10,345	11,186	—	10,345
Rubber products.....	6,038	182	1,500	7,720	134,452	142,172	270	134,722
Leather products.....	1,770	193	150	2,113	41,667	43,780	370	42,037
Textiles (except clothing).....	29,814	7,099	16,311	53,224	311,147	364,371	16,932	328,079
Knitting mills.....	643	235	—	878	25,693	26,571	—	25,693
Clothing, (textile and fur).....	257,627	522,452	31,836	811,915	441,268	1,253,183	94,301	535,569
Wood products.....	361,680	7,412	872,557	1,241,649	2,331,436	3,573,085	926,613	3,258,049
Paper products.....	619	1,043	—	1,662	78,320	79,982	—	78,320
Printing, publishing and allied industries.....	178,364	47,651	263	226,278	1,049,778	1,276,056	72,149	1,121,927
Iron and steel products.....	124,320	10,461	127	134,908	460,305	595,213	55,633	515,938
Transportation equipment.....	20,570	358	—	20,928	670,914	691,842	6,195	677,109
Non-ferrous metal products.....	8,372	6,646	3,975	18,993	240,343	259,336	—	240,343
Electrical apparatus and supplies.....	12,003	46,333	716	59,052	287,661	346,713	5,789	293,450
Non-metallic mineral products.....	116,324	22,971	6	139,301	158,884	298,185	14,260	173,144
Products of petroleum and coal.....	89,754	14,035	10,323	114,112	417,095	531,207	59,082	476,177
Chemicals and allied products.....	3,940	458	—	4,398	58,244	62,642	1,400	59,644
Miscellaneous industries.....	2,936	462	1,790	5,188	60,587	65,775	204	60,791

1. Includes "steam engines" 365,992 h.p. and "steam turbines" 925,763 h.p.

**TABLE 57. Values of Fuel and Electricity Consumed in the Manufacturing Industries for Selected Years 1926-1948 and by Province and Industrial Group, 1953**

No.	Year, Province or Group	Coal					Coke	Gasoline
		Bituminous			Anthracite	Lignite		
		Canadian	Imported	Sub-bituminous				
		\$	\$	\$	\$	\$	\$	\$
1	1926 <sup>7</sup> .....	34,500,291		2	2,173,178	533,928	4,157,935	692,404
2	1929 <sup>7</sup> .....	15,832,290	21,754,377	2	1,844,736	707,058	2,332,823	430,258
3	1933 <sup>7</sup> .....	7,571,912	10,770,107	2	1,033,154	522,626	1,574,426	254,510
4	1937 <sup>4</sup> .....	15,648,467	16,255,262	2	1,253,376	759,600	5,169,524	799,060
5	1939.....	15,744,444	13,386,496	2	1,151,278	740,593	4,870,875	1,208,131
6	1944.....	19,785,479	55,667,410	2	2,231,277	1,522,417	7,909,168	7,278,337
7	1946.....	17,633,047	48,211,575	425,020	1,812,744	1,442,277	6,884,833	8,425,418
8	1948.....	28,160,528	73,315,170	440,737	2,274,727	1,598,940	9,575,838	13,442,363
Provinces								
9	Newfoundland <sup>5</sup> .....	30,609	8,900	—	18,610	6	2,383	217,397
10	Prince Edward Island.....	63,452	6	—	3,970	—	3,009	55,732
11	Nova Scotia.....	2,405,727	6	—	21,105	—	114,936	717,053
12	New Brunswick.....	6,294,754	8,912	—	17,205	—	28,469	560,647
13	Quebec.....	16,556,360	13,913,475	18,383	1,210,156	1,087	2,430,104	5,664,514
14	Ontario.....	2,175,786	54,548,590	176,730	1,286,028	1,174,901	6,404,947	10,363,556
15	Manitoba.....	818,037	38,714	60,724	42,991	930,722	303,829	881,303
16	Saskatchewan.....	1,523,379	6	133,730	10,012	129,206	743	417,469
17	Alberta.....	146,985	6	158,490	496	5,095	200,134	1,085,336
18	British Columbia.....	4,487,496	4,024	67,073	18,933	6	133,470	2,920,732
19	Yukon and Northwest Territories.....	6	—	6	—	—	—	8,886
20	Totals — 1953 <sup>5</sup> .....	34,503,085	68,523,205	615,660	2,629,506	2,241,781	9,622,024	22,892,625
Industrial Groups								
21	Foods and Beverages.....	3,290,662	6,717,346	276,298	596,112	567,766	614,167	10,578,411
22	Tobacco and tobacco products.....	71,957	168,348	—	2,273	—	6	38,953
23	Rubber products.....	74,711	1,517,817	—	13,126	—	—	47,494
24	Leather products.....	93,287	707,792	2,179	40,802	10,624	1,203	65,218
25	Textiles.....	1,289,847	4,045,024	9,784	117,296	7,812	49,444	189,855
26	Knitting mills.....	131,048	591,854	6	55,357	—	3,310	14,811
27	Clothing.....	84,772	152,597	4,373	35,062	6	4,451	155,366
28	Wood products.....	333,461	502,891	42,430	71,148	35,341	45,030	4,191,266
29	Paper products.....	14,360,237	20,674,603	25,533	219,554	1,233,035	6	695,030
30	Printing publishing and allied industries.....	143,713	165,101	15,322	78,900	15,385	34,199	608,162
31	Iron and steel products.....	2,073,660	3,059,812	41,238	477,336	18,652	574,692	1,650,835
32	Transportation equipment.....	1,209,987	3,691,786	38,971	34,943	159,117	45,737	1,280,168
33	Non-ferrous metal products.....	5,473,656	7,013,489	3,911	518,818	—	4,187,111	360,700
34	Electrical apparatus and supplies.....	50,626	921,551	100,051	20,805	4,501	71,035	251,651
35	Non-metallic mineral products.....	4,767,750	9,107,760	44,664	103,810	165,439	836,112	1,673,833
36	Products of petroleum and coal.....	63,923	67,831	2,718	37,496	6	3,119,473	218,982
37	Chemicals and allied products.....	890,633	9,019,385	4,871	143,000	20,953	31,393	517,732
38	Miscellaneous industries.....	99,155	398,218	2,961	63,668	2,712	4,250	354,158

1. Exclusive of the Butter and Cheese industry in the province of Quebec.

2. Not collected.

3. Includes manufactured and natural.

4. Electricity purchased for metallurgical purposes in the non-ferrous Metal Smelting and Refining is included for the first time.

**TABLE 57. Values of Fuel and Electricity Consumed in the Manufacturing Industries for Selected Years 1926-1948 and by Province and Industrial Group, 1953**

Kerosene	Fuel oil	Wood	Gas			Other fuel	Total cost of fuel	Electricity		No.
			Liquified petroleum	Other manu- factured	Natural			Purchased <sup>1</sup>	Generated for sale <sup>1</sup>	
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
2	7,102,676	2,533,424	—	4,182,186 <sup>3</sup>		804,478	56,680,500	26,235,597	2	1
51,743	7,874,831	2,604,803	—	5,218,678	905,039	809,305	60,365,941	37,775,877	904,791	2
39,870	4,566,630	1,635,716	—	4,097,925	729,385	727,081	33,523,342	33,092,334	36,393	3
52,438	8,580,369	1,636,098	—	6,148,643	1,256,276	2,015,923	59,575,036	50,032,810	288,842	4
59,635	8,560,418	1,562,119	—	6,506,782	1,385,110	1,887,250	57,063,131	50,509,121	405,690	5
216,651	21,822,975	2,340,460	—	13,779,303	3,110,803	2,219,490	137,883,770	87,699,383	1,219,086	6
213,947	23,872,464	2,189,271	—	12,086,381	1,881,984	2,100,659	127,179,620	83,273,105	1,589,447	7
635,233	50,987,211	1,991,384	—	20,507,352	2,080,617	4,053,739	209,063,839	94,475,355	887,402	8
5,235	3,010,358	3,700	757	268	—	66,752	3,365,144	402,741	578,345	9
8,304	89,547	9,544	6	—	—	1,913	235,595	120,816	—	10
12,457	3,123,339	17,633	10,701	2,461,083	6	40,520	8,924,710	2,626,854	129,615	11
27,517	1,444,299	121,415	31,193	845	3,804	18,322	8,557,382	2,777,981	224,404	12
279,135	26,177,860	574,398	386,297	5,245,156	6,189	953,420	73,416,534	72,347,718	199,313	13
651,980	30,106,445	404,106	1,079,461	15,794,554	1,809,133	2,278,592	128,254,809	57,989,157	1,156,749	14
4,822	2,444,306	53,217	5,588	453,314	8,151	32,959	6,078,677	3,593,228	6	15
6,973	1,243,687	15,846	12,477	937,027	45,703	23,331	4,499,849	1,867,963	—	16
10,979	572,066	7,733	25,377	1,538,193	2,771,469	25,787	6,548,320	3,384,917	2,494	17
68,122	8,720,825	156,860	33,240	1,194,789	17,690	1,365,099	19,188,948	7,452,773	188,813	18
6	102,078	3,654	520	16,850	9,495	—	142,525	12,180	6,271	19
<b>1,075,536</b>	<b>77,034,810</b>	<b>1,368,106</b>	<b>1,585,671</b>	<b>27,642,079</b>	<b>4,671,710</b>	<b>4,806,695</b>	<b>259,212,493</b>	<b>152,576,328</b>	<b>2,486,054</b>	<b>20</b>
189,749	9,543,593	499,610	470,892	1,421,186	851,250	752,828	36,369,870	12,378,184	7,823	21
6	98,336	6	6	1,720	6	23,039	405,706	233,519	—	22
1,412	171,492	—	—	28,106	949	—	1,855,107	1,869,603	—	23
1,309	229,421	10,236	4,108	10,509	997	45,390	1,223,075	833,666	—	24
35,444	1,710,961	7,800	6,849	23,055	13,824	305,943	7,812,938	5,321,459	100,390	25
6	366,618	6	2,216	6,424	5,168	30,676	1,208,002	615,743	3,036	26
7,890	339,240	6,662	2,250	73,366	8,651	54,946	929,932	1,461,460	—	27
66,548	2,601,633	189,197	14,158	20,612	89,573	139,590	8,342,878	6,558,952	134,413	28
217,946	10,675,135	125,092	20,907	62,609	22,615	1,117,086	49,449,594	34,067,301	1,704,286	29
12,659	619,081	29,084	16,270	188,420	44,675	7,917	1,978,888	2,187,472	—	30
69,375	15,554,102	47,963	76,557	7,967,415	787,151	282,828	32,681,616	18,772,675	—	31
304,605	3,041,994	17,894	410,001	258,707	484,405	122,878	11,101,193	6,677,704	—	32
74,563	7,463,882	18,439	171,282	376,777	141,390	36,383	25,840,401	31,862,007	10,139	33
3,114	1,352,015	6	94,761	494,616	20,404	104,978	3,490,134	3,466,610	—	34
54,657	7,044,494	379,374	190,443	355,522	1,019,255	195,869	25,938,982	9,035,509	194	35
2,003	12,702,760	6	57,391	14,109,212	805,437	1,155,055	32,342,588	2,883,158	115,029	36
33,078	3,130,855	22,470	37,257	2,134,197	346,654	429,466	16,761,944	12,778,994	410,744	37
1,110	389,198	13,484	10,178	109,626	29,104	1,823	1,479,645	1,572,312	—	38

5. Newfoundland included.

6. Included in the total.

7. For 1926, 1929 and 1933, fuel and electricity used by "Dyeing, cleaning and laundry work" and by "Central electric stations" have been deducted from the totals in order to make the series comparable with current data.



**TABLE 58. Quantities of Fuel and Electricity Consumed in the Manufacturing Industries for Selected Years 1926-1948 and by Province and Industrial Group, 1953**

No.	Year, Province or Group	Coal					Coke	Gasoline
		Bituminous			Anthracite	Lignite		
		Canadian	Imported	Sub-bituminous				
		Short ton						Imp. gal.
1	1926 <sup>8</sup> .....	5,776,719		2	283,678	146,098	475,232	2,386,916
2	1929 <sup>8</sup> .....	2,816,122	3,943,007	2	255,700	164,544	380,432	1,717,560
3	1933 <sup>8</sup> .....	1,499,715	2,026,083	2	145,017	158,437	288,811	1,079,807
4	1937 <sup>5</sup> .....	2,907,671	2,828,519	2	173,993	265,440	657,994	3,665,243
5	1939 .....	2,893,613	2,262,378	2	167,465	238,698	596,077	5,306,656
6	1944 .....	2,538,345	7,336,983	2	228,795	421,351	803,179	24,114,057
7	1946 .....	2,208,110	5,794,992	70,450	179,139	394,689	691,152	27,537,378
8	1948 .....	2,869,674	7,468,497	65,449	194,211	378,904	768,240	39,861,137
Provinces, 1953								
9	Newfoundland <sup>6</sup> .....	1,457	572	—	565	7	75	529,226
10	Prince Edward Island.....	4,308	7	—	213	—	130	148,603
11	Nova Scotia .....	268,434	7	—	1,150	—	17,291	1,926,200
12	New Brunswick.....	577,273	428	—	788	—	1,414	1,474,182
13	Quebec .....	1,424,335	1,205,995	1,284	96,122	61	164,851	14,861,510
14	Ontario.....	180,893	5,601,856	14,730	92,024	215,188	415,436	30,230,092
15	Manitoba.....	93,158	2,799	5,566	2,520	229,618	26,178	2,405,040
16	Saskatchewan .....	118,325	7	19,173	953	21,088	42	1,119,749
17	Alberta .....	36,085	7	30,665	24	993	33,789	3,402,578
18	British Columbia.....	475,749	196	5,934	902	7	14,690	8,389,649
19	Yukon and Northwest Territories .....	7	—	7	—	—	—	34,865
20	Totals — 1953 <sup>6</sup> .....	3,180,027	6,811,887	77,382	193,261	466,994	673,896	64,521,694
Industrial groups								
21	Foods and beverages .....	328,633	950,092	35,453	38,562	99,522	55,365	29,040,213
22	Tobacco and tobacco products .....	5,928	15,685	—	138	—	7	96,474
23	Rubber products.....	6,108	143,495	—	1,019	—	—	143,526
24	Leather products .....	6,970	61,730	137	2,530	1,854	314	162,180
25	Textile products (except clothing).....	114,254	352,936	1,052	8,280	1,127	4,587	478,106
26	Knitting mills.....	11,468	49,777	7	4,445	—	231	34,712
27	Clothing .....	6,300	12,372	324	2,066	7	244	396,228
28	Wood products .....	25,592	41,927	5,018	4,141	5,818	2,588	11,581,709
29	Paper products .....	1,302,466	1,908,175	2,766	18,993	228,818	7	1,858,802
30	Printing publishing and allied industries.....	11,206	12,421	1,353	4,488	1,360	2,166	1,657,829
31	Iron and steel products.....	214,330	274,336	3,039	35,374	2,391	53,279	4,604,247
32	Transportation equipment.....	116,587	361,247	12,496	1,852	88,457	2,198	4,171,307
33	Non-ferrous metal products .....	472,856	620,878	293	44,835	—	205,178	1,072,292
34	Electrical apparatus and supplies .....	4,054	84,074	9,349	1,638	685	2,676	684,202
35	Non-metallic mineral products.....	462,858	834,131	5,119	6,750	33,328	44,391	5,075,057
36	Products of petroleum and coal.....	7,527	6,413	215	4,011	7	298,862	1,055,996
37	Chemicals and allied products .....	75,613	1,048,011	549	12,083	3,426	1,579	1,481,180
38	Miscellaneous industries .....	7,277	34,187	200	4,056	172	220	927,634

1. Exclusive of the Butter and Cheese industry in the province of Quebec.

2. Not collected.

3. Includes manufactured and natural.

4. Value only, available.

**TABLE 58. Quantities of Fuel and Electricity Consumed in the Manufacturing Industries for Selected Years 1926-1948 and by Province and Industrial Group, 1953**

Kerosene	Fuel oil	Wood	Gas			Electricity			No.
			Liquified petroleum	Other manu- factured	Natural	Purchased <sup>1</sup>	Generated for own use <sup>1</sup>	Generated for sale <sup>1</sup>	
Imp. gal.	Imp. gal.	Cords	Imp. gal.	M. cu. ft.	M. cu. ft.	K.W.H.	K.W.H.	K.W.H.	
2	110,378,654	722,098	—	40,588,854 <sup>3</sup>	—	4	2	2	1
227,469	150,910,662	655,975	—	41,828,619	4,558,391	4	1,150,974,484	53,593,323	2
239,141	115,926,083	549,712	—	23,119,514	3,118,402	9,771,514,859	1,241,399,928	2,108,460	3
334,125	167,824,977	504,261	—	59,952,258	5,802,210	17,092,769,974	2,328,675,496	43,534,697	4
437,201	195,134,885	475,320	—	71,881,777	6,112,911	17,072,764,222	2,357,668,720	76,571,743	5
1,309,144	349,495,395	408,227	—	118,057,302	12,598,361	25,777,238,678	2,752,124,500	127,214,139	6
1,244,716	376,006,524	348,440	—	95,490,776	8,744,901	25,250,876,449	2,714,261,524	166,073,767	7
3,752,703	482,218,705	309,127	—	146,548,124	9,962,480	24,907,413,154	4,590,676,828	203,779,877	8
21,197	38,630,785	875	1,200	337	—	22,407,973	889,099,581	73,741,208	9
39,721	575,242	1,092	7	—	—	4,275,053	—	—	10
68,334	38,831,591	2,942	28,832	9,160,345	7	312,042,310	186,025,502	2,268,147	11
131,522	15,442,084	13,381	143,532	603	6,907	416,335,088	374,004,156	23,048,360	12
1,424,064	295,396,902	107,071	1,988,818	9,685,624	9,269	21,679,033,019	774,883,353	37,200,455	13
4,043,728	283,958,615	107,566	7,160,369	45,160,430	2,264,359	9,248,881,874	2,073,067,248	174,065,563	14
19,109	33,277,575	7,373	12,715	966,272	84,830	744,971,436	6,655,476	—	15
74,553	19,763,247	1,635	59,293	2,027,756	312,962	376,505,303	40,353,303	—	16
40,849	7,065,887	9,034	265,319	4,003,936	18,791,004	397,140,226	177,135,910	154,200	17
236,403	99,499,841	48,322	179,705	2,416,154	20,829	824,255,940	2,379,358,264	39,335,081	18
7	2,200,080	177	700	20,035	26,109	287,088	860,395	91,942	19
<b>6,099,492</b>	<b>834,641,849</b>	<b>299,468</b>	<b>9,840,533</b>	<b>73,441,492</b>	<b>21,516,353</b>	<b>34,026,135,310</b>	<b>6,901,443,188</b>	<b>349,904,956</b>	<b>20</b>
1,092,228	86,133,020	143,082	2,382,365	1,946,197	3,853,369	1,026,992,879	43,762,028	4	21
7	894,678	7	7	1,542	7	18,395,122	—	—	22
7,644	1,591,168	—	—	24,666	930	250,293,275	7,746,538	—	23
6,073	1,770,715	1,480	23,508	11,060	2,294	51,273,752	—	—	24
159,916	16,089,771	4,654	43,363	35,517	115,013	593,379,571	79,385,307	16,771,995	25
7	2,972,511	7	61,925	19,806	33,327	44,933,022	1,087,342	94,894	26
44,385	2,214,879	633	6,800	55,310	22,758	63,561,527	—	—	27
231,842	12,840,758	41,353	46,704	40,772	316,547	405,273,835	159,303,992	17,489,401	28
1,748,942	144,749,232	43,261	69,190	58,677	100,537	10,563,309,215	4,273,111,554	303,439,710	29
45,283	4,186,951	3,224	49,645	189,494	94,989	126,596,161	—	—	30
387,279	151,161,280	5,290	372,570	29,646,345	901,290	2,457,260,357	167,522,145	—	31
1,644,049	25,415,962	2,530	3,312,643	524,900	840,894	676,396,250	109,239,945	—	32
307,029	79,647,081	580	1,161,558	425,421	154,342	12,600,473,735	790,145,193	4,256,671	33
11,036	11,229,837	7	468,473	460,376	24,732	348,406,599	10,219,867	—	34
207,984	74,043,802	45,657	1,019,718	521,255	6,309,267	1,742,252,798	25,049,859	24,200	35
10,028	188,029,524	7	569,875	35,678,503	5,967,827	381,405,296	10,777,270	91,942	36
190,931	29,016,733	6,031	227,415	3,715,157	2,738,403	2,545,458,571	1,224,087,148	7,736,143	37
4,506	2,653,947	1,566	24,485	86,494	39,626	130,473,345	5,000	—	38

5. Electricity purchased for metallurgical purposes in the Non-ferrous Metal Smelting and Refining is included for the first time.

6. Newfoundland included.

7. Included in total.

8. For 1926, 1929 and 1933, fuel and electricity used by Dyeing, cleaning and laundry work" and by "Central electric stations" have been deducted from the totals already published in order to make the series comparable with current data.

## PART II. PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

### SECTION 1. TYPE AND CONCENTRATION OF MANUFACTURING PRODUCTION

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of Canada is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1953 amounted to \$14,263,289,853 or 80 p.c. of the total gross value of manufactured products. The proximity of Ontario to the coal-fields of Pennsylvania, the water power and other varied resources of the provinces, and their nearness to the

larger markets of Canada and the United States have all contributed to this progress.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of tobacco and tobacco products, textiles (except clothing), clothing (textile and fur), paper products and products of petroleum and coal. In each of the other groups Ontario has the greater production of the two provinces. In the production of wood products British Columbia with 37 p.c. of the total holds the dominant position, outranking both Ontario and Quebec which account respectively for 26 and 22 p.c. of the total. In each of the other groups Ontario and Quebec lead by a wide margin.

**TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1953**

Province and group	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Canada</b>						
Foods and beverages .....	8,129	176,649	455,280,552	2,296,739,737	1,146,473,720	3,491,961,511
Tobacco and tobacco products .....	55	9,494	26,765,643	138,491,048	75,015,218	214,145,491
Rubber products .....	72	22,600	70,994,643	114,336,694	172,674,055	290,735,459
Leather products .....	695	33,068	70,965,495	116,416,179	103,937,262	222,410,182
Textiles .....	959	73,190	184,604,616	388,324,584	299,231,284	700,690,265
Knitting mills <sup>5</sup> .....	294	24,413	52,420,681	77,704,172	81,264,425	160,792,342
Clothing <sup>5</sup> .....	2,788	95,658	202,005,279	361,558,482	333,238,797	697,188,671
Wood products .....	12,462	134,310	325,619,252	649,731,056	577,381,926	1,242,014,812
Paper products .....	555	84,436	310,107,707	717,460,043	767,273,583	1,568,250,521
Printing, publishing and allied industries .....	4,157	66,530	205,626,554	175,222,037	364,363,975	543,752,372
Iron and steel products .....	2,698	188,236	643,474,127	906,165,239	1,140,931,549	2,098,551,079
Transportation equipment .....	621	156,059	555,411,152	1,110,953,581	961,205,155	2,089,937,633
Non-ferrous metal products .....	551	52,058	178,710,057	726,128,115	458,180,471	1,242,010,994
Electrical apparatus and supplies .....	422	76,856	250,646,777	383,743,994	457,489,516	848,190,254
Non-metallic mineral products .....	1,094	34,352	107,275,074	134,118,848	239,815,853	408,909,192
Products of petroleum and coal .....	100	17,112	66,565,434	576,310,641	211,552,953	823,089,340
Chemicals and allied products .....	1,105	50,207	164,590,810	403,686,331	448,276,576	881,503,845
Miscellaneous industries .....	1,350	32,223	85,954,495	103,467,901	154,763,033	261,282,891
<b>Totals .....</b>	<b>38,107</b>	<b>1,327,451</b>	<b>3,957,018,348</b>	<b>9,380,558,682</b>	<b>7,993,069,351</b>	<b>17,785,416,854</b>
<b>Newfoundland</b>						
Foods and beverages .....	75	3,621	5,954,562	12,922,597	12,556,690	26,221,514
Tobacco and tobacco products .....	1	1	1	1	1	1
Rubber products .....	—	—	—	—	—	—
Leather products .....	1	1	1	1	1	1
Textiles .....	5	94	225,994	429,425	236,092	684,224
Knitting mills <sup>5</sup> .....	—	—	—	—	—	—
Clothing <sup>5</sup> .....	1	1	1	1	1	1
Wood products .....	779	2,000	2,179,414	4,601,061	3,426,512	8,207,555
Paper products .....	3	3,502	14,620,636	23,657,671	35,452,650	61,436,478
Printing, publishing and allied industries .....	31	400	1,038,138	538,272	1,644,491	2,224,033
Iron and steel products .....	10	363	977,906	737,983	1,608,256	2,406,046
Transportation equipment .....	7	63	120,248	83,422	174,842	262,381
Non-ferrous metal products .....	—	—	—	—	—	—
Electrical apparatus and supplies .....	—	—	—	—	—	—
Non-metallic mineral products .....	15	324	999,737	992,658	1,752,616	3,095,789
Products of petroleum and coal .....	1	1	1	1	1	1
Chemicals and allied products .....	6	71	224,082	641,652	634,476	1,293,889
Miscellaneous industries <sup>3</sup> .....	8	137	264,191	367,280	298,072	692,694
<b>Totals .....</b>	<b>939</b>	<b>10,575</b>	<b>26,604,908</b>	<b>44,972,021</b>	<b>57,784,697</b>	<b>106,524,603</b>
<b>Prince Edward Island</b>						
Foods and beverages .....	110	1,135	1,845,247	13,724,558	3,654,771	17,666,627
Tobacco and tobacco products .....	1	1	1	1	1	1
Rubber products .....	—	—	—	—	—	—
Leather products .....	1	1	1	1	1	1
Textiles .....	3	64	114,545	1,085,078	141,526	1,233,524
Knitting mills <sup>5</sup> .....	—	—	—	—	—	—
Clothing <sup>5</sup> .....	—	—	—	—	—	—
Wood products .....	80	257	287,719	632,576	491,926	1,145,209
Paper products .....	—	—	—	—	—	—
Printing, publishing and allied industries .....	9	154	341,066	152,585	580,580	745,933
Iron and steel products .....	4	30	66,825	76,107	94,967	175,699
Transportation equipment .....	1	1	1	1	1	1
Non-ferrous metal products .....	—	—	—	—	—	—
Electrical apparatus and supplies .....	—	—	—	—	—	—
Non-metallic mineral products .....	1	1	1	1	1	1
Products of petroleum and coal .....	—	—	—	—	—	—
Chemicals and allied products .....	1	1	1	1	1	1
Miscellaneous industries .....	—	—	—	—	—	—
All other groups <sup>2</sup> .....	10	169	440,443	1,292,894	914,991	2,231,978
<b>Totals .....</b>	<b>216</b>	<b>1,809</b>	<b>3,095,845</b>	<b>16,963,798</b>	<b>5,878,761</b>	<b>23,198,970</b>

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1953 - Continued

Province and group	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Nova Scotia</b>						
Foods and beverages .....	395	7,949	14,442,206	52,186,237	30,587,425	84,541,186
Tobacco and tobacco products .....	—	—	—	—	—	—
Rubber products .....	—	—	—	—	—	—
Leather products .....	4	89	171,748	229,258	263,784	496,414
Textiles .....	11	517	1,164,583	2,726,687	2,389,295	5,245,295
Knitting mills <sup>5</sup> .....	4	834	1,466,118	3,276,763	1,877,616	5,256,348
Clothing <sup>5</sup> .....	10	590	812,792	2,132,886	1,139,701	3,312,520
Wood products .....	858	4,815	7,099,042	19,034,359	13,418,245	32,914,487
Paper products .....	7	1,406	4,583,863	8,693,291	11,410,013	21,502,493
Printing, publishing and allied industries .....	127	1,237	3,101,824	2,159,789	6,056,500	8,327,374
Iron and steel products .....	54	7,237	21,990,570	33,301,844	25,354,251	62,684,491
Transportation equipment .....	59	5,451	15,449,128	24,106,438	22,755,772	47,513,929
Non-ferrous metal products .....	—	—	—	—	—	—
Electrical apparatus and supplies .....	1	1	1	1	1	1
Non-metallic mineral products .....	25	555	1,299,158	1,157,540	2,463,217	4,147,949
Products of petroleum and coal .....	1	1	1	1	1	1
Chemicals and allied products .....	16	297	824,357	3,008,387	2,811,606	5,969,143
Miscellaneous industries <sup>3</sup> .....	21	1,063	3,985,366	28,530,056	7,389,740	38,100,635
<b>Totals .....</b>	<b>1,591</b>	<b>32,040</b>	<b>76,390,755</b>	<b>180,543,535</b>	<b>127,917,165</b>	<b>320,012,264</b>
<b>New Brunswick</b>						
Foods and beverages .....	344	6,445	12,063,757	68,112,165	31,120,328	101,205,047
Tobacco and tobacco products .....	—	—	—	—	—	—
Rubber products .....	—	—	—	—	—	—
Leather products .....	9	323	597,791	1,179,093	1,154,701	2,349,567
Textiles .....	16	1,690	3,631,460	4,734,435	4,953,003	9,986,217
Knitting mills <sup>5</sup> .....	1	1	1	1	1	1
Clothing <sup>5</sup> .....	6	180	247,585	474,047	356,717	835,001
Wood products .....	547	4,946	8,768,709	23,733,144	15,703,050	39,938,053
Paper products .....	14	3,996	15,626,013	42,439,683	36,791,987	85,816,852
Printing, publishing and allied industries .....	70	965	2,213,875	1,332,328	3,876,014	5,297,542
Iron and steel products .....	29	1,202	3,145,860	4,612,547	5,124,905	9,957,657
Transportation equipment .....	11	3,023	8,913,003	8,056,036	11,881,501	20,284,780
Non-ferrous metal products .....	1	1	1	1	1	1
Electrical apparatus and supplies .....	—	—	—	—	—	—
Non-metallic mineral products .....	24	584	1,607,948	2,556,969	3,173,980	6,811,178
Products of petroleum and coal .....	1	1	1	1	1	1
Chemicals and allied products .....	7	157	466,637	3,927,055	1,779,050	5,766,008
Miscellaneous industries <sup>3</sup> .....	17	960	2,470,407	2,640,209	4,702,109	7,502,517
<b>Totals .....</b>	<b>1,094</b>	<b>24,471</b>	<b>59,753,045</b>	<b>163,797,711</b>	<b>120,617,345</b>	<b>295,750,419</b>
<b>Quebec</b>						
Foods and beverages .....	2,627	44,929	111,983,856	589,818,606	300,276,002	902,784,897
Tobacco and tobacco products .....	34	7,503	22,405,927	77,103,195	63,932,237	141,451,706
Rubber products .....	28	6,283	17,571,287	20,694,753	31,161,629	52,559,824
Leather products .....	375	17,855	34,723,978	52,118,417	52,054,160	104,800,254
Textiles .....	449	41,009	102,577,497	207,634,179	153,365,717	368,041,696
Knitting mills <sup>5</sup> .....	139	10,274	21,220,440	29,309,621	37,608,237	67,640,348
Clothing <sup>5</sup> .....	1,659	59,611	120,924,361	226,843,683	209,757,582	437,942,172
Wood products .....	3,362	33,972	70,727,068	151,872,713	122,155,111	277,313,207
Paper products .....	186	32,476	118,753,657	285,745,314	304,766,676	631,551,572
Printing, publishing and allied industries .....	1,130	17,806	53,151,283	48,950,798	95,498,875	145,385,477
Iron and steel products .....	621	42,833	138,069,751	175,703,392	238,492,384	421,769,959
Transportation equipment .....	123	43,745	147,899,116	174,330,301	227,673,532	406,084,289
Non-ferrous metal products .....	178	18,426	62,710,177	286,300,042	163,904,678	482,445,445
Electrical apparatus and supplies .....	86	20,458	68,070,170	92,677,696	108,466,046	202,756,477
Non-metallic mineral products .....	307	10,062	29,618,484	36,503,726	63,247,993	110,667,335
Products of petroleum and coal .....	17	3,924	14,872,881	195,004,647	71,417,807	278,046,864
Chemicals and allied products .....	368	20,649	65,534,921	134,026,946	138,896,012	281,016,371
Miscellaneous industries .....	443	9,890	24,758,460	31,735,083	41,972,821	74,526,970
<b>Totals .....</b>	<b>12,132</b>	<b>441,555</b>	<b>1,225,573,314</b>	<b>2,816,373,112</b>	<b>2,424,647,499</b>	<b>5,386,784,863</b>
<b>Ontario</b>						
Foods and beverages .....	2,920	70,690	192,642,556	895,536,585	489,917,513	1,405,967,427
Tobacco and tobacco products .....	16	1,926	4,252,338	61,222,664	10,930,923	72,371,748
Rubber products .....	39	16,267	53,289,706	93,562,852	141,173,937	237,746,006
Leather products .....	244	13,578	32,920,891	57,979,230	46,663,956	105,972,135
Textiles .....	383	27,959	72,787,727	157,066,663	131,220,719	293,741,315
Knitting mills <sup>5</sup> .....	133	12,725	28,570,681	43,027,438	39,886,593	83,882,637
Clothing <sup>5</sup> .....	836	26,708	61,943,392	96,602,321	93,260,996	190,619,048
Wood products .....	2,626	37,089	91,668,601	160,005,059	155,457,361	319,131,277
Paper products .....	267	33,202	118,162,422	272,534,254	269,601,918	565,626,274
Printing, publishing and allied industries .....	1,707	33,658	108,563,892	94,514,251	192,011,617	288,695,541
Iron and steel products .....	1,379	120,198	423,078,663	616,462,682	763,383,605	1,416,611,044
Transportation equipment .....	247	88,159	330,858,455	852,415,360	634,467,438	1,498,155,294
Non-ferrous metal products .....	297	27,601	94,430,303	327,921,987	262,042,313	610,253,243
Electrical apparatus and supplies .....	274	54,735	177,721,037	281,698,048	339,744,085	626,626,696
Non-metallic mineral products .....	502	17,578	58,221,614	71,157,289	131,360,625	219,570,624
Products of petroleum and coal .....	35	8,066	31,639,374	187,824,365	76,778,107	277,477,794
Chemicals and allied products .....	539	24,587	82,619,177	225,307,664	252,969,273	497,732,377
Miscellaneous industries .....	670	19,828	54,611,389	65,295,850	99,255,483	166,324,510
<b>Totals .....</b>	<b>13,114</b>	<b>634,554</b>	<b>2,017,982,218</b>	<b>4,560,134,562</b>	<b>4,130,126,462</b>	<b>8,876,504,990</b>



TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1953 - Continued

Province and group	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Manitoba</b>						
Foods and beverages.....	366	10,061	28,293,417	175,523,413	65,695,823	243,815,623
Tobacco and tobacco products.....	—	—	—	—	—	—
Rubber products.....	1	1	1	1	1	1
Leather products.....	27	676	1,314,583	2,709,572	2,038,145	4,785,467
Textiles.....	34	929	1,979,345	6,858,138	3,350,067	10,272,667
Knitting mills <sup>5</sup> .....	5	187	370,144	936,222	491,856	1,436,340
Clothing <sup>5</sup> .....	160	6,055	12,623,568	25,431,313	20,013,563	45,606,876
Wood products.....	333	3,317	8,051,315	15,805,049	13,680,019	29,808,069
Paper products.....	22	1,409	4,478,708	12,100,746	14,206,129	27,379,843
Printing, publishing and allied industries.....	268	3,912	16,659,748	9,172,084	19,565,508	28,964,600
Iron and steel products.....	124	5,064	16,219,866	21,034,307	34,838,643	56,965,945
Transportation equipment.....	24	7,758	24,536,188	26,679,859	25,827,010	53,144,395
Non-ferrous metal products.....	17	530	1,768,743	11,411,080	2,687,384	14,642,965
Electrical apparatus and supplies.....	19	832	2,266,920	4,332,918	4,648,226	9,062,897
Non-metallic mineral products.....	39	1,085	3,648,634	4,104,808	8,655,557	14,215,394
Products of petroleum and coal.....	6	582	2,138,581	20,571,775	5,313,753	27,021,780
Chemicals and allied products.....	41	701	1,755,955	6,893,994	5,922,893	12,959,219
Miscellaneous industries <sup>3</sup> .....	55	642	1,520,564	1,837,837	2,862,863	4,790,379
<b>Totals.....</b>	<b>1,540</b>	<b>43,740</b>	<b>121,126,279</b>	<b>345,403,115</b>	<b>229,797,439</b>	<b>584,872,459</b>
<b>Saskatchewan</b>						
Foods and beverages.....	228	5,034	14,179,013	88,880,210	39,836,140	130,335,804
Tobacco and tobacco products.....	—	—	—	—	—	—
Rubber products.....	—	—	—	—	—	—
Leather products.....	1	1	1	1	1	1
Textiles.....	8	81	171,454	1,124,250	134,095	1,263,123
Knitting mills <sup>5</sup> .....	1	1	1	1	1	1
Clothing <sup>5</sup> .....	14	210	443,685	832,355	837,850	1,681,083
Wood products.....	509	1,831	3,299,140	6,797,043	6,739,170	13,754,532
Paper products.....	4	22	51,397	83,488	105,667	190,901
Printing, publishing and allied industries.....	179	1,455	4,655,701	2,649,221	6,911,707	9,687,546
Iron and steel products.....	51	825	2,373,533	4,289,456	4,032,817	8,438,081
Transportation equipment.....	7	24	71,148	97,509	117,119	219,686
Non-ferrous metal products.....	1	1	1	1	1	1
Electrical apparatus and supplies.....	—	—	—	—	—	—
Non-metallic mineral products.....	29	359	997,583	864,216	2,345,974	3,399,563
Products of petroleum and coal.....	11	1,039	4,011,855	46,113,979	15,393,431	63,590,439
Chemicals and allied products.....	8	172	624,828	1,155,741	889,178	2,075,735
Miscellaneous industries <sup>3</sup> .....	14	552	2,116,181	27,416,474	2,598,184	31,976,593
<b>Totals.....</b>	<b>1,062</b>	<b>11,604</b>	<b>32,395,518</b>	<b>180,303,942</b>	<b>79,941,332</b>	<b>266,613,086</b>
<b>Alberta</b>						
Foods and beverages.....	402	10,570	29,365,058	193,887,315	67,849,789	264,072,934
Tobacco and tobacco products.....	—	—	—	—	—	—
Rubber products.....	1	1	1	1	1	1
Leather products.....	11	48	98,239	114,563	142,994	260,395
Textiles.....	15	181	388,685	2,167,031	756,925	2,939,494
Knitting mills <sup>5</sup> .....	4	58	120,175	154,048	210,727	366,895
Clothing <sup>5</sup> .....	28	874	1,909,859	4,075,820	3,294,818	7,395,997
Wood products.....	1,037	6,787	13,948,788	32,412,305	26,563,076	59,861,485
Paper products.....	9	368	1,037,636	4,145,080	3,257,755	7,456,787
Printing, publishing and allied industries.....	236	2,170	6,248,492	5,024,880	11,959,945	17,115,264
Iron and steel products.....	142	3,245	10,546,248	14,603,498	17,688,884	32,650,000
Transportation equipment.....	22	3,487	11,235,285	12,196,265	12,578,755	25,049,417
Non-ferrous metal products.....	9	96	275,893	947,321	505,492	1,462,465
Electrical apparatus and supplies.....	6	50	120,844	302,947	261,017	572,359
Non-metallic mineral products.....	69	2,359	6,860,139	10,238,533	17,574,278	29,320,200
Products of petroleum and coal.....	18	1,429	5,734,303	60,333,098	26,549,713	89,986,862
Chemicals and allied products.....	27	1,077	3,833,794	4,976,848	8,441,977	14,582,297
Miscellaneous industries <sup>3</sup> .....	37	283	881,715	641,610	2,024,283	2,721,976
<b>Totals.....</b>	<b>2,072</b>	<b>33,082</b>	<b>92,605,153</b>	<b>346,221,162</b>	<b>199,660,428</b>	<b>555,814,827</b>
<b>British Columbia</b>						
Foods and beverages.....	657	16,195	44,470,133	206,835,582	104,903,600	315,199,055
Tobacco and tobacco products.....	1	1	1	1	1	1
Rubber products.....	3	45	124,359	73,839	326,119	411,596
Leather products.....	21	473	1,085,345	2,035,917	1,586,055	3,654,499
Textiles.....	35	666	1,563,326	4,498,698	2,683,845	7,282,710
Knitting mills <sup>5</sup> .....	7	275	537,161	803,246	1,084,763	1,899,666
Clothing <sup>5</sup> .....	73	1,406	3,034,037	5,098,183	4,000,974	9,650,465
Wood products.....	2,314	39,222	119,428,838	234,546,108	219,363,064	459,251,537
Paper products.....	43	8,055	32,793,375	68,060,516	91,680,788	167,289,321
Printing, publishing and allied industries.....	396	4,760	16,191,360	10,709,511	26,191,803	37,208,967
Iron and steel products.....	284	7,389	26,904,905	35,343,423	50,312,837	86,892,157
Transportation equipment.....	119	4,253	16,045,322	12,846,010	25,407,085	38,748,486
Non-ferrous metal products.....	46	4,395	16,138,268	71,341,128	24,084,759	98,019,859
Electrical apparatus and supplies.....	36	643	2,093,821	4,504,428	4,096,707	8,663,594
Non-metallic mineral products.....	81	1,425	4,584,452	6,517,544	9,188,573	17,597,334
Products of petroleum and coal.....	8	1,136	4,423,000	37,751,287	8,884,605	48,784,633
Chemicals and allied products.....	90	2,454	8,588,276	22,122,217	35,379,207	57,917,702
Miscellaneous industries <sup>3</sup> .....	104	1,052	2,915,340	2,160,117	6,021,431	8,352,109
<b>Totals.....</b>	<b>4,317</b>	<b>93,844</b>	<b>300,921,318</b>	<b>724,495,754</b>	<b>615,686,215</b>	<b>1,366,823,690</b>

TABLE 1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1953 - Concluded

Province and group	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Yukon and Northwest Territories						
Foods and beverages .....	5	20	40,747	64,469	75,639	151,397
Wood products .....	17	74	160,618	291,639	384,392	689,401
Printing, publishing and allied industries.....	4	13	61,175	18,318	76,935	100,095
Miscellaneous industries <sup>4</sup> .....	4	70	307,455	975,544	475,042	1,575,790
<b>Totals</b> .....	<b>30</b>	<b>177</b>	<b>569,995</b>	<b>1,349,970</b>	<b>1,012,008</b>	<b>2,516,683</b>

1. Confidential. Included with "Miscellaneous Industries".

2. Confidential. Includes all groups marked with 1.

3. Includes all groups for which figures cannot be published and which are marked with 1.

4. Includes non-ferrous metal products, products of petroleum and coal, and chemicals and allied products.

5. Commencing with 1953 Knitting Mills are classified separately. Formerly they were included with Clothing (textile and fur).

The degree of concentration of manufacturing in large units is illustrated in Table 2. In Ontario 41.1 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 37.2 p.c. for Canada as a whole. Quebec ranked second with 38.4 p.c., followed by Newfoundland with 37.9 p.c., Nova Scotia 35.1 p.c., New Brunswick 32.6 p.c., British Columbia 26.9 p.c., and Yukon and Northwest Territories 23.8 p.c.

p.c., Manitoba 23.8 p.c. and Alberta 14.5 p.c. There were no plants in either Prince Edward Island or Saskatchewan with an employment of 500 or more persons. In 1950 Newfoundland occupied the premier position with 39.2 p.c. of the total. By including the fish processing plants with manufacturing in 1951, the proportion of the plants employing 500 or more persons was, thereby, considerably lowered, viz. to 32.6 p.c.

TABLE 2. Concentration of Manufacturing Production in Each Province, 1953

Province	Number of establishments employing 500 or more persons	Percentage of total number of establishments in province	Provincial percentage of number of employees accounted for by these establishments
Newfoundland .....	3	0.3	37.9
Prince Edward Island.....	—	—	—
Nova Scotia .....	10	0.6	35.1
New Brunswick .....	9	0.8	32.6
Quebec .....	135	1.1	38.4
Ontario .....	194	1.5	41.1
Manitoba .....	8	0.6	23.8
Saskatchewan .....	—	—	—
Alberta .....	6	0.3	14.5
British Columbia .....	27	0.6	26.9
Yukon and Northwest Territories .....	—	—	—
<b>Canada</b> .....	<b>392</b>	<b>1.0</b>	<b>37.2</b>

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1953

Province and group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Canada:</b>						
Under 5 employees.....	17,053	37,136	56,495,068	6,278,734	191,090,400	307,095,798
5 to 14 employees .....	9,800	81,666	182,933,099	13,957,329	462,343,359	823,265,480
15 " 49 " .....	6,200	165,880	415,526,389	27,643,659	976,685,535	1,801,544,913
50 " 99 " .....	2,057	142,308	370,259,875	25,858,349	887,156,841	1,656,526,802
100 " 199 " .....	1,157	161,166	443,058,972	36,377,764	1,134,241,497	2,096,007,865
200 " 499 " .....	748	230,639	699,103,989	79,159,532	1,731,056,354	3,311,945,942
500 " 999 " .....	246	172,858	567,786,185	84,310,442	1,430,554,829	2,752,300,942
1,000 " 1,499 " .....	64	76,672	268,480,221	39,579,279	662,210,346	1,241,483,447
1,500 and over .....	82	244,797	886,852,487	98,607,572	1,901,819,277	3,791,223,591
Not classifiable .....	700	—	—	—	3,400,244	4,022,074
Head Offices <sup>1</sup> .....	—	14,329	66,522,063	16,161	—	—
<b>Totals</b> .....	<b>38,107</b>	<b>1,327,451</b>	<b>3,957,018,348</b>	<b>411,788,821</b>	<b>9,380,558,682</b>	<b>17,785,416,854</b>
<b>Newfoundland:</b>						
Under 5 employees.....	777	1,296	864,764	110,741	1,696,337	3,568,993
5 to 14 employees .....	71	595	1,018,084	97,374	2,054,762	4,274,604
15 " 49 " .....	55	1,427	3,095,626	327,764	6,582,207	13,377,105
50 " 99 " .....	17	1,212	2,916,487	257,380	4,539,557	9,734,415
100 " 199 " .....	11	1,430	2,710,978	448,979	4,289,960	9,967,963
200 " 499 " .....	2	—	—	—	—	—
500 " 999 " .....	1	—	—	—	—	—
1,000 " 1,499 " .....	1	4,610	15,986,769	2,525,647	25,800,798	65,592,386
1,500 and over .....	1	—	—	—	—	—
Not classifiable .....	3	—	—	—	8,400	9,137
Head Offices <sup>1</sup> .....	—	5	12,200	—	—	—
<b>Totals</b> .....	<b>939</b>	<b>10,575</b>	<b>26,604,908</b>	<b>3,767,885</b>	<b>44,972,021</b>	<b>106,524,603</b>

1. Under this heading are included only those head offices that are not located at the plant.

**TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1953 - Continued**

Province and group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Prince Edward Island:</b>						
Under 5 employees .....	129	253	299,821	42,987	2,452,468	3,195,368
5 to 14 employees .....	58	497	664,578	99,053	3,926,173	5,494,155
15 " 49 " .....	23	564	917,738	119,716	4,435,798	6,137,261
50 " 99 " .....	4					
100 " 199 " .....	1	495	1,213,708	94,655	6,149,359	8,372,186
Not classifiable .....	1					
<b>Totals .....</b>	<b>216</b>	<b>1,809</b>	<b>3,095,843</b>	<b>356,411</b>	<b>16,963,798</b>	<b>23,198,970</b>
<b>Nova Scotia:</b>						
Under 5 employees .....	843	1,726	1,839,155	194,867	5,604,953	9,680,167
5 to 14 employees .....	433	3,565	5,843,924	633,783	18,861,254	32,125,781
15 " 49 " .....	185	4,808	8,867,976	1,060,959	27,881,888	44,924,893
50 " 99 " .....	51	3,824	7,910,822	1,032,866	18,123,667	35,693,539
100 " 199 " .....	16	2,099	4,750,503	572,434	9,741,102	20,245,856
200 " 499 " .....	15	4,733	13,375,437	2,698,511	42,847,788	69,172,682
500 " 999 " .....	6	4,655	12,573,496	1,795,021	50,197,582	54,646,243
1,500 and over .....	4	6,581	21,080,765	3,563,123	7,214,724	53,441,141
Not classifiable .....	38				70,577	81,962
Head Offices <sup>1</sup> .....	—	49	148,677	—	—	—
<b>Totals .....</b>	<b>1,591</b>	<b>32,040</b>	<b>76,390,755</b>	<b>11,551,564</b>	<b>180,543,535</b>	<b>320,012,264</b>
<b>New Brunswick:</b>						
Under 5 employees .....	572	1,124	1,274,688	147,844	3,800,965	6,428,320
5 to 14 employees .....	280	2,475	4,163,668	420,562	13,146,862	22,185,710
15 " 49 " .....	143	3,610	6,568,509	630,778	23,884,006	36,963,273
50 " 99 " .....	47	3,113	6,333,193	779,333	19,322,027	32,180,272
100 " 199 " .....	20	2,631	6,089,783	1,014,105	14,160,899	29,118,881
200 " 499 " .....	11	3,407	9,004,157	2,039,346	26,482,669	46,842,830
500 " 999 " .....	6	4,041	12,378,078	3,256,647	41,999,741	75,637,629
1,000 " 1,499 " .....	2					
1,500 and over .....	1	3,938	13,149,619	3,046,748	20,957,397	46,328,131
Not classifiable .....	12				43,145	65,373
Head Offices <sup>1</sup> .....	—	132	791,350	—	—	—
<b>Totals .....</b>	<b>1,094</b>	<b>24,471</b>	<b>59,753,045</b>	<b>11,335,363</b>	<b>163,797,711</b>	<b>295,750,419</b>
<b>Quebec:</b>						
Under 5 employees .....	5,260	11,954	18,418,667	2,070,777	89,310,564	129,263,822
5 to 14 employees .....	3,110	25,662	53,267,155	3,636,915	150,128,471	260,081,705
15 " 49 " .....	2,143	58,055	129,838,416	7,084,465	291,346,672	544,078,791
50 " 99 " .....	667	45,471	105,140,255	6,456,697	233,067,331	446,264,927
100 " 199 " .....	378	52,125	128,387,825	10,503,841	305,653,938	577,160,821
200 " 499 " .....	232	71,568	199,603,142	23,447,881	452,152,244	884,670,384
500 " 999 " .....	87	62,137	194,830,736	46,288,183	639,611,395	1,178,363,295
1,000 " 1,499 " .....	23	27,723	94,639,158	18,223,200	279,717,559	479,723,762
1,500 and over .....	25	79,787	269,264,099	28,052,293	374,574,379	886,335,788
Not classifiable .....	207				810,559	841,568
Head Offices <sup>1</sup> .....	—	7,073	32,183,861	—	—	—
<b>Totals .....</b>	<b>12,132</b>	<b>441,555</b>	<b>1,223,573,314</b>	<b>145,764,252</b>	<b>2,816,373,112</b>	<b>5,386,784,863</b>
<b>Ontario:</b>						
Under 5 employees .....	4,924	11,008	19,234,311	2,240,251	56,802,046	94,652,239
5 to 14 employees .....	3,459	29,232	70,313,067	5,187,765	158,236,663	291,890,428
15 " 49 " .....	2,460	66,471	178,405,212	12,376,474	411,923,962	773,076,799
50 " 99 " .....	892	62,310	171,756,965	10,998,597	380,017,223	729,005,645
100 " 199 " .....	552	77,935	226,247,433	15,931,385	524,914,607	993,678,114
200 " 499 " .....	392	121,536	379,193,065	33,004,389	829,475,777	1,690,260,353
500 " 999 " .....	117	80,997	275,334,787	29,456,458	510,252,118	1,112,048,305
1,000 " 1,499 " .....	31	37,148	133,030,474	15,795,354	286,106,391	558,752,639
1,500 and over .....	46	142,831	540,163,398	61,253,293	1,400,490,468	2,630,726,393
Not classifiable .....	241				1,915,307	2,414,075
Head Offices <sup>1</sup> .....	—	5,086	24,303,506	—	—	—
<b>Totals .....</b>	<b>13,114</b>	<b>634,554</b>	<b>2,017,982,218</b>	<b>186,243,966</b>	<b>4,560,134,562</b>	<b>8,876,504,990</b>
<b>Manitoba:</b>						
Under 5 employees .....	659	1,487	2,500,225	241,709	6,421,433	11,355,282
5 to 14 employees .....	391	3,263	7,376,243	606,123	25,751,310	40,000,706
15 " 49 " .....	240	6,413	15,606,494	1,044,897	41,779,271	73,606,721
50 " 99 " .....	109	7,312	19,316,037	1,333,627	57,737,773	99,363,712
100 " 199 " .....	53	7,367	20,131,649	2,755,318	68,825,969	118,591,057
200 " 499 " .....	25	7,296	22,116,327	2,682,001	49,800,099	100,819,350
500 " 999 " .....	3	2,055	6,643,004	253,238	39,477,329	54,099,703
1,000 " 1,499 " .....	2					
1,500 and over .....	3	8,351	26,603,603	754,992	55,406,166	86,849,777
Not classifiable .....	55				203,765	186,151
Head Offices <sup>1</sup> .....	—	196	832,697	—	—	—
<b>Totals .....</b>	<b>1,540</b>	<b>43,740</b>	<b>121,126,279</b>	<b>9,671,905</b>	<b>345,403,115</b>	<b>584,872,459</b>

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 3. Principal Statistics of Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1953 - Concluded

Province and group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Saskatchewan:</b>						
Under 5 employees .....	689	1,266	1,636,563	185,583	3,132,439	6,379,877
5 to 14 employees .....	221	1,768	4,020,525	441,940	13,475,225	22,872,038
15 " 49 " .....	83	2,170	5,931,487	638,165	16,508,258	29,130,581
50 " 99 " .....	27	1,893	5,542,257	520,396	20,690,934	35,742,620
100 " 199 " .....	15	1,892	5,776,708	745,963	33,381,481	53,019,544
200 " 499 " .....	8	2,398	8,685,358	3,835,765	93,058,224	119,410,244
Not classifiable .....	19	—	—	—	57,381	58,182
Head Offices <sup>1</sup> .....	—	217	802,620	—	—	—
<b>Totals .....</b>	<b>1,062</b>	<b>11,604</b>	<b>32,395,518</b>	<b>6,367,812</b>	<b>180,303,942</b>	<b>266,613,086</b>
<b>Alberta:</b>						
Under 5 employees .....	1,147	2,309	3,134,398	373,302	8,848,816	15,035,872
5 to 14 employees .....	524	4,279	10,083,993	769,558	27,536,513	48,291,699
15 " 49 " .....	222	5,765	15,716,613	1,150,617	36,440,593	70,170,546
50 " 99 " .....	74	5,167	14,835,531	1,017,457	55,196,900	90,147,805
100 " 199 " .....	31	4,394	12,964,983	1,930,104	63,612,696	101,684,523
200 " 499 " .....	21	6,176	20,043,402	4,175,205	89,902,033	144,660,396
500 " 999 " .....	5	—	—	—	—	—
1,000 " 1,499 " .....	1	4,803	15,007,861	516,994	64,598,853	85,723,866
Not classifiable .....	47	—	—	—	84,758	100,120
Head Offices <sup>1</sup> .....	—	189	818,372	—	—	—
<b>Totals .....</b>	<b>2,072</b>	<b>33,082</b>	<b>92,605,153</b>	<b>9,933,237</b>	<b>346,221,162</b>	<b>555,814,827</b>
<b>British Columbia:</b>						
Under 5 employees .....	2,033	4,669	7,209,786	656,040	12,893,272	27,224,058
5 to 14 employees .....	1,244	10,257	25,965,746	2,042,903	48,448,968	94,823,156
15 " 49 " .....	646	16,597	50,578,318	3,209,824	115,902,880	210,078,943
50 " 99 " .....	168	11,626	35,541,276	3,310,522	97,263,206	175,657,640
100 " 199 " .....	80	11,118	35,481,265	2,413,735	104,265,964	185,927,722
200 " 499 " .....	42	12,927	46,236,416	7,203,779	145,939,751	253,782,180
500 " 999 " .....	21	14,874	54,473,314	2,741,631	91,066,090	201,730,920
1,000 " 1,499 " .....	4	—	—	—	—	—
1,500 and over .....	2	10,394	38,806,417	5,047,126	108,511,231	217,335,525
Not classifiable .....	77	—	—	—	204,392	263,546
Head Offices <sup>1</sup> .....	—	1,382	6,628,780	16,161	—	—
<b>Totals .....</b>	<b>4,317</b>	<b>93,844</b>	<b>300,921,318</b>	<b>26,641,721</b>	<b>724,495,754</b>	<b>1,366,823,690</b>
<b>Yukon and Northwest Territories:</b>						
Under 5 employees .....	20	44	82,690	14,633	127,107	311,800
5 to 14 employees .....	9	—	—	—	—	—
50 " 99 " .....	1	133	487,305	140,072	1,222,863	2,204,883
<b>Totals .....</b>	<b>30</b>	<b>177</b>	<b>569,995</b>	<b>154,705</b>	<b>1,349,970</b>	<b>2,516,683</b>

1. Under this heading are included only those head offices that are not located at the plant.

TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to the Selling Value of Factory Shipments per Establishment, 1953

Province and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Canada:</b>						
Under \$10,000 .....	9,374	13,713	12,912,019	1,384,066	18,449,326	40,212,361
\$ 10,000 to 24,999 .....	6,433	21,323	35,261,129	2,859,829	48,591,092	106,387,264
25,000 " 49,999 .....	5,118	30,532	59,584,847	4,188,054	88,455,492	183,907,805
50,000 " 99,999 .....	4,899	49,641	107,072,612	6,616,518	175,542,773	352,483,499
100,000 " 199,999 .....	4,117	68,136	159,707,309	9,808,414	302,393,967	583,719,868
200,000 " 499,999 .....	3,774	130,038	318,627,673	18,546,568	602,045,977	1,185,376,535
500,000 " 999,999 .....	1,884	128,958	332,111,036	19,735,268	662,161,607	1,308,968,277
1,000,000 " 4,999,999 .....	1,916	341,497	991,061,497	69,481,264	2,025,564,290	4,033,967,234
5,000,000 and over .....	592	529,284	1,874,158,163	279,152,679	5,457,354,158	9,990,394,011
Head Offices <sup>1</sup> .....	—	14,329	66,522,063	16,161	—	—
<b>Totals .....</b>	<b>38,107</b>	<b>1,327,451</b>	<b>3,957,018,348</b>	<b>411,788,821</b>	<b>9,380,558,682</b>	<b>17,785,416,854</b>
<b>Newfoundland:</b>						
Under \$10,000 .....	711	1,084	538,421	72,478	965,511	2,092,379
\$ 10,000 to 24,999 .....	92	442	637,941	45,695	821,340	1,842,566
25,000 " 49,999 .....	29	224	324,584	36,648	502,868	1,019,976
50,000 " 99,999 .....	24	427	893,218	66,861	886,919	1,722,240
100,000 " 199,999 .....	25	473	1,057,912	68,218	1,746,846	3,428,346
200,000 " 499,999 .....	28	1,286	2,376,100	272,510	4,538,840	8,975,393
500,000 " 999,999 .....	20	1,773	3,618,406	372,562	6,339,940	13,822,069
1,000,000 " 4,999,999 .....	8	—	—	—	—	—
5,000,000 and over .....	2	4,861	17,146,126	2,832,913	29,169,757	73,621,634
Head Offices <sup>1</sup> .....	—	5	12,200	—	—	—
<b>Totals .....</b>	<b>939</b>	<b>10,575</b>	<b>26,604,908</b>	<b>3,767,885</b>	<b>44,972,021</b>	<b>106,524,603</b>

1. Under this heading are included only those head offices that are not located at the plant.



TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to the Selling Value of Factory Shipments per Establishment, 1953 - Continued

Province and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Prince Edward Island:</b>						
Under \$10,000	79	114	77,354	9,145	155,383	338,975
\$ 10,000 to 24,999	33	106	126,844	13,515	294,878	505,973
25,000 " 49,999	28	158	199,744	24,254	746,369	1,074,489
50,000 " 99,999	30	291	360,376	54,761	1,523,227	2,207,680
100,000 " 199,999	22	347	537,142	69,527	1,826,952	2,937,996
200,000 " 499,999	17	457	942,937	66,630	3,549,968	5,188,534
500,000 " 999,999	5					
1,000,000 " 4,999,999	1	336	851,448	118,579	8,867,021	10,945,323
5,000,000 and over	1					
Head Offices <sup>1</sup>	—	—	—	—	—	—
<b>Totals</b>	<b>216</b>	<b>1,809</b>	<b>3,095,845</b>	<b>356,411</b>	<b>16,963,798</b>	<b>23,198,970</b>
<b>Nova Scotia:</b>						
Under \$10,000	590	869	612,176	59,112	1,187,722	2,357,238
\$ 10,000 to 24,999	256	871	1,110,572	94,561	2,120,422	4,154,644
25,000 " 49,999	223	1,413	2,117,295	182,299	4,156,843	8,026,399
50,000 " 99,999	197	2,043	3,220,697	279,048	7,995,554	14,107,746
100,000 " 199,999	133	2,511	4,396,619	410,248	10,238,773	19,124,719
200,000 " 499,999	103	3,418	6,786,592	850,093	19,749,133	33,245,451
500,000 " 999,999	44	3,035	6,397,658	855,232	18,220,253	31,016,655
1,000,000 " 4,999,999	35	7,967	19,373,457	1,490,330	36,852,468	74,502,453
5,000,000 and over	10	9,864	32,227,012	7,330,641	80,022,367	133,476,959
Head Offices <sup>1</sup>	—	49	148,677	—	—	—
<b>Totals</b>	<b>1,591</b>	<b>32,040</b>	<b>76,390,755</b>	<b>11,551,564</b>	<b>180,543,535</b>	<b>320,012,264</b>
<b>New Brunswick:</b>						
Under \$10,000	384	564	399,931	45,935	800,569	1,534,374
\$ 10,000 to 24,999	170	571	761,662	67,969	1,409,257	2,813,731
25,000 " 49,999	142	911	1,338,049	132,726	2,992,313	5,275,497
50,000 " 99,999	143	1,614	2,561,172	219,530	5,780,247	10,500,984
100,000 " 199,999	113	2,184	3,819,465	350,792	9,105,877	15,966,271
200,000 " 499,999	60	2,155	4,328,323	384,394	10,420,239	18,717,004
500,000 " 999,999	35	2,553	5,354,764	583,281	12,982,401	23,902,194
1,000,000 " 4,999,999	37	6,573	15,514,306	2,374,911	42,289,707	76,697,491
5,000,000 and over	10	7,214	24,884,023	7,175,825	78,017,101	140,342,873
Head Offices <sup>1</sup>	—	132	791,350	—	—	—
<b>Totals</b>	<b>1,094</b>	<b>24,471</b>	<b>59,753,045</b>	<b>11,335,363</b>	<b>163,797,711</b>	<b>295,750,419</b>
<b>Quebec:</b>						
Under \$10,000	2,347	3,539	3,611,528	360,683	5,374,792	11,178,061
\$ 10,000 to 24,999	2,189	7,243	11,374,302	918,570	17,724,763	36,255,706
25,000 " 49,999	1,787	10,637	18,808,979	1,256,994	33,175,794	64,057,704
50,000 " 99,999	1,770	18,362	36,121,061	1,932,422	67,033,571	127,152,364
100,000 " 199,999	1,437	24,274	51,894,538	2,498,190	112,222,068	204,974,314
200,000 " 499,999	1,292	47,600	105,064,749	5,274,479	207,710,706	402,517,198
500,000 " 999,999	616	45,886	105,955,652	5,928,526	225,531,585	429,090,691
1,000,000 " 4,999,999	524	102,016	274,410,582	19,575,952	549,587,095	1,099,258,075
5,000,000 and over	170	174,935	586,148,062	108,018,436	1,598,012,738	3,012,300,750
Head Offices <sup>1</sup>	—	7,073	32,183,861	—	—	—
<b>Totals</b>	<b>12,132</b>	<b>441,555</b>	<b>1,225,573,314</b>	<b>145,764,252</b>	<b>2,816,373,112</b>	<b>5,386,784,863</b>
<b>Ontario:</b>						
Under \$10,000	2,435	3,432	3,890,704	432,448	4,873,980	11,071,004
\$ 10,000 to 24,999	2,006	6,565	11,914,657	964,100	14,368,337	33,158,418
25,000 " 49,999	1,784	10,409	22,117,196	1,523,940	29,623,437	64,390,935
50,000 " 99,999	1,749	17,261	40,285,746	2,463,878	60,085,123	125,898,511
100,000 " 199,999	1,549	25,898	64,376,831	3,924,257	107,942,146	219,239,187
200,000 " 499,999	1,530	54,147	140,778,883	7,523,385	232,507,778	483,756,990
500,000 " 999,999	811	56,100	154,170,436	8,754,803	267,000,015	564,079,592
1,000,000 " 4,999,999	959	178,537	539,605,432	34,466,360	1,013,501,681	2,069,435,511
5,000,000 and over	291	277,119	1,016,538,827	126,190,795	2,830,232,065	5,305,474,842
Head Offices <sup>1</sup>	—	5,086	24,303,506	—	—	—
<b>Totals</b>	<b>13,114</b>	<b>634,554</b>	<b>2,017,982,218</b>	<b>186,243,966</b>	<b>4,560,134,562</b>	<b>8,876,504,990</b>
<b>Manitoba:</b>						
Under \$10,000	391	555	600,504	57,290	781,782	1,716,086
\$ 10,000 to 24,999	274	928	1,605,713	108,704	2,010,048	4,586,929
25,000 " 49,999	189	1,165	2,445,200	155,951	2,997,256	6,692,641
50,000 " 99,999	162	1,739	3,943,435	256,026	5,681,028	11,814,812
100,000 " 199,999	161	2,523	5,959,342	427,137	11,520,069	22,821,185
200,000 " 499,999	170	5,641	13,407,861	809,081	28,940,881	53,228,090
500,000 " 999,999	87	5,420	14,144,020	589,738	32,269,114	61,222,533
1,000,000 " 4,999,999	84	12,170	34,629,418	3,217,894	88,082,296	171,782,334
5,000,000 and over	22	13,403	43,558,089	4,050,084	173,120,641	251,007,849
Head Offices <sup>1</sup>	—	196	832,697	—	—	—
<b>Totals</b>	<b>1,540</b>	<b>43,740</b>	<b>121,126,279</b>	<b>9,671,905</b>	<b>345,403,115</b>	<b>584,872,459</b>

1. Under this heading are included only those head offices that are not located at the plant.

**TABLE 4. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified According to the Selling Value of Factory Shipments per Establishment, 1953 - Concluded**

Province and size group	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Saskatchewan:</b>						
Under \$10,000 .....	517	697	565,353	71,462	798,816	1,846,546
\$ 10,000 to 24,999 .....	178	582	987,031	84,280	1,152,706	2,829,943
25,000 " 49,999 .....	85	489	980,100	82,713	1,286,138	3,069,835
50,000 " 99,999 .....	79	741	1,804,707	147,370	2,189,745	5,484,038
100,000 " 199,999 .....	68	851	2,183,216	239,439	5,245,809	9,928,104
200,000 " 499,999 .....	70	1,538	4,293,382	455,874	12,000,842	21,584,365
500,000 " 999,999 .....	26	1,228	3,309,784	342,726	10,646,726	17,132,206
1,000,000 " 4,999,999 .....	28	2,418	7,176,753	513,830	22,593,563	44,634,516
5,000,000 and over .....	11	2,843	10,292,572	4,430,118	124,389,597	160,103,533
Head Offices <sup>1</sup> .....	—	217	802,620	—	—	—
<b>Totals .....</b>	<b>1,062</b>	<b>11,604</b>	<b>32,395,518</b>	<b>6,367,812</b>	<b>180,303,942</b>	<b>266,613,086</b>
<b>Alberta:</b>						
Under \$10,000 .....	796	1,128	910,052	111,951	1,310,518	2,989,431
\$ 10,000 to 24,999 .....	328	1,083	1,822,663	151,291	2,303,300	5,319,163
25,000 " 49,999 .....	216	1,257	2,690,835	182,015	3,158,500	7,765,989
50,000 " 99,999 .....	232	2,133	5,117,164	365,382	8,051,295	16,790,452
100,000 " 199,999 .....	193	2,647	6,813,672	555,888	14,006,303	26,735,313
200,000 " 499,999 .....	152	3,998	10,750,133	644,482	25,725,860	46,312,621
500,000 " 999,999 .....	68	3,740	10,542,372	534,897	25,475,052	47,542,236
1,000,000 " 4,999,999 .....	64	9,341	27,756,531	1,688,835	77,179,100	140,657,537
5,000,000 and over .....	23	7,566	25,383,359	5,698,496	189,011,234	261,702,085
Head Offices <sup>1</sup> .....	—	189	818,372	—	—	—
<b>Totals .....</b>	<b>2,072</b>	<b>33,082</b>	<b>92,605,153</b>	<b>9,933,237</b>	<b>346,221,162</b>	<b>555,814,827</b>
<b>British Columbia:</b>						
Under \$10,000 .....	1,114	1,712	1,688,646	160,311	2,181,223	5,034,382
\$ 10,000 to 24,999 .....	899	2,905	4,861,905	401,420	6,320,313	14,767,655
25,000 " 49,999 .....	631	3,868	8,536,067	604,934	9,749,685	22,387,407
50,000 " 99,999 .....	511	5,017	12,716,984	827,278	16,282,335	36,683,722
100,000 " 199,999 .....	412	6,386	18,545,641	1,256,554	28,341,374	58,074,318
200,000 " 499,999 .....	352	9,798	29,898,713	2,265,640	56,901,730	111,850,889
500,000 " 999,999 .....	170	9,036	28,054,221	1,595,666	60,340,540	116,397,184
1,000,000 " 4,999,999 .....	176	21,005	69,709,171	5,636,443	188,821,319	343,615,543
5,000,000 and over .....	52	32,735	120,281,190	13,877,314	355,557,235	658,012,590
Head Offices <sup>1</sup> .....	—	1,382	6,628,780	16,161	—	—
<b>Totals .....</b>	<b>4,317</b>	<b>93,844</b>	<b>300,921,318</b>	<b>26,641,721</b>	<b>724,495,754</b>	<b>1,366,823,690</b>
<b>Yukon and Northwest Territories:</b>						
Under \$10,000 .....	10	19	17,350	3,251	19,030	53,885
\$ 10,000 to 24,999 .....	8	27	57,839	9,724	65,728	152,536
25,000 " 49,999 .....	4	24	74,850	9,542	100,018	267,883
50,000 " 99,999 .....	2					
100,000 " 199,999 .....	4					
500,000 " 999,999 .....	2	107	419,956	132,188	1,165,194	2,042,379
<b>Totals .....</b>	<b>30</b>	<b>177</b>	<b>569,995</b>	<b>154,705</b>	<b>1,349,970</b>	<b>2,516,683</b>

1. Under this heading are included only those head offices that are not located at the plant.

## SECTION 2. THE MANUFACTURES OF THE ATLANTIC PROVINCES

The Atlantic Provinces are of economic importance in a number of fields, such as pulp and paper, fish processing, sawmills and primary iron and steel. In Newfoundland manufacturing production is dominated by the forest and fisheries resources. Pulp and paper was the most important industry in 1953 with shipments valued at \$61,436,478, followed by fish processing with \$11,291,848. These two industries accounted for 68 per cent of the total production of the Province. In Prince Edward Island, agriculture and fishing resources make butter and cheese, fish processing, and prepared stock and poultry feeds the leading industries. Nova Scotia is renowned for its coal mines and its fisheries as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of fish processing, primary iron and steel, railway rolling-stock, sawmills, pulp and paper; shipbuilding and repairs, and butter and cheese. In addition, important petroleum refineries; cotton yarn and cloth; and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries. Other important manufacturing and processing was based on fish and agricultural resources.

Considering the Atlantic Provinces as an economic unit, pulp and paper was the leading industry in 1953 with factory shipments valued at \$163,870,036. This was followed by fish processing with \$67,662,488, sawmills \$48,332,180, primary iron and steel \$40,945,920, shipbuilding \$32,735,553, and railway rolling stock \$30,259,941. These six industries accounted for about 52 per cent of the total production of the Atlantic region. Other leading industries, in order of value of shipments, and with shipments valued \$10,000,000 or more were: sugar refining, butter and cheese, petroleum products, sash, door and planing mills, slaughtering and meat packing, bread and other bakery products, miscellaneous foods, coke and gas products, miscellaneous iron and steel products, printing and publishing, breweries, and prepared stock and poultry feeds.

According to the table below, manufacturing establishments reporting in 1953 numbered 3,840 for the Atlantic Provinces as a whole. These plants furnished employment to 68,895 persons who received \$165,844,553 in salaries and wages. They also shipped goods with a selling value at the factory of \$745,486,256 and spent \$406,277,065 for materials, while the value added by manufacture totalled \$312,197,968.

## Principal Statistics of the Atlantic Provinces, 1953

Province	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	\$'000	\$'000	\$'000	\$'000
Newfoundland.....	939	10,575	26,605	44,972	57,785	106,525
Prince Edward Island.....	216	1,809	3,096	16,964	5,879	23,199
Nova Scotia.....	1,591	32,040	76,391	180,543	127,917	320,012
New Brunswick.....	1,094	24,471	59,753	163,798	120,617	295,750
<b>Total.....</b>	<b>3,840</b>	<b>68,895</b>	<b>165,845</b>	<b>406,277</b>	<b>312,198</b>	<b>745,486</b>

Nova Scotia and New Brunswick, despite the lack of large rivers, have valuable sources of hydraulic power, a considerable portion of which has been developed. Tentative estimates give Newfoundland a potential of almost 1,000,000 h.p. at ordinary minimum flow, while in Labrador, the Hamilton River is outstanding as a potential source of power. Turbine installation at the end of 1953 totalled 306,150 h.p. in Newfoundland, 1,900 in Prince Edward Island, 171,433 in Nova Scotia and 166,018 in New Brunswick. Compared with Quebec, Ontario and British Columbia, the installed power in the Atlantic Provinces, is very small, amounting to 645,501 h.p. This compares with a total of 1,034,695 in the Prairie Provinces and 15,140,880 in the whole of Canada.

In the Atlantic region the program of industrial development has been more selective than in some of the other provinces. Fish processing, new sawmills, increased pulp-making capacity and the manufacture of non-metallic building materials like cement and gypsum products have accounted for well over half of the industrial growth. There are, however, a few outstanding exceptions. Two sizeable defence plants have been established in Nova Scotia, one to repair and overhaul naval aircraft and the other to build and repair radar and related electronic equipment. Considerable development has taken place in Newfoundland. Besides plants for the manufacture of cement and gypsum wallboard and plaster, factories for producing boots and shoes, birch veneer, cotton textiles, leather and optical goods, industrial machinery and a leather tannery were established, thus broadening the industrial base of the province. With

these exceptions, most of the developments in the Atlantic Provinces have been either small and scattered or confined to the modernization and expansion of manufacturing facilities that were already established at the close of World War II.

In spite of the rapid development in the Atlantic Provinces since 1949 manufacturing production did not quite keep pace with the development in the more industrialized provinces of Ontario, Quebec and British Columbia. This is indicated by a slight drop in the Atlantic Provinces' share of the Canadian total which declined from 4.52 in 1949 to 4.19 in 1953. In number of persons employed there was an increase of 8.1 per cent for the Atlantic Provinces as compared with an increase of 13.1 per cent for Canada as a whole. For salaries and wages paid the increase was 39.5 per cent as compared with 52.5 per cent for Canada, and in selling value of factory shipments the increase was 30.1 per cent for the Atlantic Provinces and 42.4 per cent for Canada as a whole.

Up to 1952 the increase in employment in the Atlantic Provinces was about the same as for Canada as a whole. In 1953, however, employment in the Atlantic Provinces declined by 1.2 per cent, while for Canada as a whole there was an increase of 3.0 per cent. The increased employment reported by Newfoundland, Prince Edward Island and New Brunswick was offset by a drop of 4.0 per cent in Nova Scotia. Selling values of factory shipments were .4 per cent lower in the Atlantic Provinces in 1953 while for Canada as a whole they were 4.7 per cent higher.

## Variation in Employment and Factory Shipments, 1953 Compared with 1949

Province	Employees	Earnings	Selling value of factory shipments
	p.c.	p.c.	p.c.
Newfoundland <sup>1</sup> .....	+ 16.9	+ 50.9	+ 41.6
Prince Edward Island.....	+ 3.5	+ 45.1	+ 28.0
Nova Scotia.....	+ 9.3	+ 39.7	+ 29.2
New Brunswick.....	+ 4.4	+ 35.1	+ 27.6
Atlantic Provinces.....	+ 8.1	+ 39.5	+ 30.1
Canada.....	+ 13.1	+ 52.5	+ 42.4

1. Exclusive of fish processing.

TABLE 5. Principal Statistics of the Leading Industries of Newfoundland, 1953

No.	Industries	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Pulp and paper <sup>1</sup> .....	3	3,502	14,620,636	23,657,671	35,452,650	61,436,478
2	Fish processing.....	35	2,466	3,313,180	5,773,358	5,093,825	11,291,248
3	Sash, door and planing mills.....	27	326	691,414	2,295,361	1,215,075	3,547,858
4	Breweries.....	3	145	430,731	621,994	2,507,650	3,214,379
5	Sawmills.....	691	1,241	773,815	1,456,231	1,606,668	3,147,960
6	Bread and other bakery products.....	12	268	583,103	1,725,542	1,015,294	2,809,814
7	Carbonated beverages.....	10	126	299,038	683,445	1,263,372	1,991,202
8	Biscuits.....	3	309	518,504	694,407	821,740	1,558,772
9	Printing and publishing.....	6	219	665,303	264,529	1,140,107	1,432,666
10	All other leading industries.....	8	550	1,736,404	3,519,320	3,965,423	7,828,837
	<b>Totals, leading industries.....</b>	<b>798</b>	<b>9,152</b>	<b>23,632,128</b>	<b>40,691,858</b>	<b>54,081,804</b>	<b>98,259,814</b>
	<b>Totals, all industries.....</b>	<b>939</b>	<b>10,575</b>	<b>26,604,908</b>	<b>44,972,021</b>	<b>57,784,697</b>	<b>106,524,603</b>
	Percentage of leading industries to all industries.....	84.9	86.5	88.8	90.5	93.6	92.2

1. Publication of these figures was authorized by the firms concerned.

2. Includes: Cement, hydraulic; Dairy products, n.e.s.; Miscellaneous food preparations; Machinery, industrial; Paints, varnishes and lacquers.

TABLE 6. Principal Statistics of the Leading Industries of Prince Edward Island, 1953

No.	Industries	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Butter and cheese.....	20	169	338,797	3,552,209	720,695	4,352,638
2	Fish processing.....	47	489	519,034	2,707,784	875,289	3,641,560
3	Feeds, stock and poultry, prepared.....	10	57	101,669	1,035,145	192,863	1,245,884
4	Printing and publishing.....	3	139	327,244	137,325	563,111	711,969
5	Fruit and vegetable preparations.....	7	107	136,624	448,508	201,988	667,528
6	Sawmills.....	74	144	124,167	322,672	302,984	637,918
7	Bags, cotton and jute.....	4	251	677,697	7,582,572	1,698,489	9,352,895
8	Fertilizers.....						
9	Slaughtering and meat packing.....						
<b>Totals, leading industries.....</b>		<b>165</b>	<b>1,356</b>	<b>2,225,232</b>	<b>15,786,215</b>	<b>4,555,419</b>	<b>20,610,392</b>
<b>Totals, all industries.....</b>		<b>216</b>	<b>1,809</b>	<b>3,095,845</b>	<b>16,963,798</b>	<b>5,878,761</b>	<b>23,198,970</b>
Percentage of leading industries to all industries		76.4	74.9	71.9	93.1	77.5	88.8

TABLE 7. Principal Statistics of the Leading Industries of Nova Scotia, 1953

No.	Industries	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Primary iron and steel.....	5	4,916	15,681,950	23,742,464	13,761,489	40,945,920
2	Fish processing.....	199	3,988	6,519,515	24,751,258	12,133,144	37,505,202
3	Shipbuilding.....	19	3,284	9,625,935	10,163,150	13,481,323	23,947,229
4	Pulp and paper.....	4	1,197	4,172,384	7,366,865	10,617,374	19,358,711
5	Sawmills.....	732	3,245	4,147,968	10,600,259	8,200,928	19,055,939
6	Railway rolling stock.....	3	1,073	2,970,813	12,588,348	5,976,337	18,856,260
7	Miscellaneous iron and steel products.....	3	1,098	3,198,030	6,358,941	5,234,550	11,994,398
8	Butter and cheese.....	25	716	1,544,938	7,606,670	3,133,843	11,008,734
9	Sash, door and planing mills.....	62	883	1,725,468	5,244,930	3,211,653	8,570,555
10	Bread and other bakery products.....	74	821	1,653,752	4,083,363	3,214,187	7,583,377
11	Printing and publishing.....	29	726	2,091,933	1,236,006	4,401,097	5,719,438
12	Knitted goods, other than hosiery.....	3	734	1,330,146	3,085,919	1,713,097	4,883,286
13	Confectionery.....	8	929	1,585,699	2,834,256	1,753,858	4,668,946
14	Fruit and vegetable preparations.....	16	432	660,700	2,269,452	1,649,052	4,028,352
15	Carbonated beverages.....	29	293	677,130	1,274,665	2,403,752	3,789,756
16	Feeds, stock and poultry, prepared.....	10	93	188,745	3,188,035	505,034	3,718,713
17	Miscellaneous food preparations.....	9	150	312,241	1,696,191	1,072,345	2,612,420
18	Clothing, men's factory.....	7	378	497,630	1,695,603	681,284	2,393,442
19	Fertilizers.....	3	56	140,368	1,451,413	752,693	2,216,632
20	Miscellaneous wood products n.e.s.....	6	122	276,181	1,643,642	512,518	2,201,415
21	All other leading industries <sup>1</sup> .....	7	2,555	8,093,211	32,271,846	17,566,001	52,210,519
<b>Totals, leading industries.....</b>		<b>1,253</b>	<b>27,689</b>	<b>67,094,737</b>	<b>165,153,276</b>	<b>111,975,559</b>	<b>287,469,244</b>
<b>Totals, all industries.....</b>		<b>1,591</b>	<b>32,040</b>	<b>76,390,755</b>	<b>180,543,535</b>	<b>127,917,165</b>	<b>320,012,264</b>
Percentage of leading industries to all industries		78.8	86.4	87.8	91.5	87.5	89.8

1. Includes: Breweries, Cotton yarn and cloth, Wire and wire goods, Aircraft and parts, Coke and gas products and Petroleum products.

TABLE 8. Principal Statistics of the Leading Industries of New Brunswick, 1953

No.	Industries	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Pulp and paper.....	7	3,756	15,128,611	40,846,999	35,691,823	83,074,847
2	Sawmills.....	432	3,385	5,592,046	14,472,320	10,761,972	25,490,363
3	Fish processing.....	167	2,325	2,640,110	10,287,801	4,567,415	15,223,878
4	Slaughtering and meat packing.....	3	350	1,114,278	8,663,185	2,246,481	11,020,634
5	Miscellaneous food preparations.....	11	380	610,011	7,349,279	2,796,926	10,207,010
6	Sash, door and planing mills.....	63	1,093	2,290,617	6,337,424	3,427,143	9,872,095
7	Butter and cheese.....	30	438	925,412	6,559,685	2,334,295	9,111,999
8	Shipbuilding.....	3	1,248	2,927,965	1,910,267	6,155,605	8,177,537
9	Bread and other bakery products.....	62	767	1,611,429	3,527,283	3,365,469	7,114,798
10	Feeds, stock and poultry, prepared.....	12	162	364,360	5,159,685	822,413	6,034,166
11	Fertilizers.....	3	133	402,736	3,864,728	1,544,016	5,455,512
12	Heating and cooking apparatus.....	3	693	1,850,518	2,256,803	3,046,555	5,430,928
13	Printing and publishing.....	20	616	1,549,812	733,828	2,925,987	3,717,387
14	Miscellaneous wood products, n.e.s.....	6	148	351,823	2,109,455	768,879	2,974,332
15	Confectionery.....	3	344	621,122	1,173,025	1,070,245	2,290,751
16	Footwear, leather.....	3	300	561,547	1,111,329	1,102,968	2,228,142
17	Carbonated beverages.....	23	242	499,228	760,732	1,368,688	2,207,263
18	All other leading industries <sup>1</sup> .....	12	5,358	14,970,461	36,559,281	27,424,377	65,932,141
<b>Totals, leading industries.....</b>		<b>863</b>	<b>21,738</b>	<b>54,022,086</b>	<b>153,683,109</b>	<b>111,421,257</b>	<b>275,563,807</b>
<b>Totals, all industries.....</b>		<b>1,094</b>	<b>24,471</b>	<b>59,753,045</b>	<b>163,797,711</b>	<b>120,617,345</b>	<b>295,750,419</b>
Percentage of leading industries to all industries		78.9	88.8	90.4	93.8	92.4	93.2

1. Includes: Biscuits; Breweries; Brooms, brushes and mops; Brass and copper products; Cotton yarn and cloth; Cement, hydraulic; Railway rolling stock; Sugar refining and Synthetic textiles and silk.



## SECTION 3. THE MANUFACTURES OF QUEBEC

Quebec with about 30 per cent of Canada's total selling value of factory shipments ranks as the second largest industrial province in Canada. Manufacturing establishments reporting in 1953 numbered 12,132. These plants furnished employment to 441,555 persons who received \$1,225,573,314 in salaries and wages. They also shipped goods with a selling value at the factory of \$5,386,784,863 and spent \$2,816,373,112 for materials, while the value added by manufacture totalled \$2,424,647,499.

Manufacturing production in Quebec continued to expand during 1953. Compared with the previous year there was an increase of 2.8 p.c. in the number of persons employed, 8.8 p.c. in the salaries and wages paid, and 4.1 p.c. in the selling value of factory shipments. The extent of the expansion was about the same as for Canada as a whole which showed an increase of 3.0 p.c. in the number of persons employed, 8.8 p.c. in the salaries and wages paid and 4.7 p.c. in the selling value of factory shipments.

Quebec has developed its \$5.4 billion manufacturing output with such leading industries as pulp and paper, non-ferrous metal-smelting and refining, petroleum products, slaughtering and meat packing, cotton yarn and cloth, men's and women's clothing, tobacco, cigars and cigarettes, synthetic textiles and silk, railway-rolling stock and leather footwear. In common with the rest of Canada, Quebec experienced a great industrial expansion following the second World War. Nor was this expansion confined to the existing industrial areas, but spread to many towns and villages in the accessible areas of the province.

Quebec's leading industry is pulp and paper with an output of approximately \$511 million in 1953. Quebec is a principal world centre for the production of newsprint with 55 major pulp and paper plants concentrated in the Trois Rivières and Shawinigan Falls districts as well as along the Saguenay, Ottawa, and St. Lawrence rivers.

The production of non-ferrous metals has expanded considerably during the past decade. The output of aluminum has made impressive strides during the past years and reached a record total of 548,445 tons in 1953. After the end of the war, with the disappearance of the demands for defense, surplus productive capacity appeared. New civilian uses were found to take up the slack, so that by 1948 the industry was producing 75 p.c. of its peak wartime output. To this has been added the defense demands created by the Korean war and in 1952 the peak level of production attained in 1943 has again been reached. Quebec, with its new furniture factories, its new titanium smelter and its expanded aluminium-making facilities, is challenging Ontario's long established lead in a number of the wood and non-ferrous metal products industries.

There are several important factors which contributed to the great industrial development of the Province. To begin with, the geographic situation of the Province is extremely

favourable, with an excellent large harbour 800 miles inland where sea-going vessels of heavy tonnage can dock. There is also an extensive highway system linking the small rural areas to the big industrial centres. Other significant factors include abundant forest resources, water power, minerals, agricultural lands and, of even more importance, an industrious and stable population.

Quebec ranks highest in available water-power resources, having more than 40 p.c. of the total recorded for all Canada. Its power development has been remarkable and its installation of 7,717,860 h.p. at the end of 1953 represents over 50 p.c. of the total for Canada. The St. Lawrence River Beauharnois development of 1,408,000 h.p. and the Saguenay River Shipshaw development of 1,200,000 h.p. are the two largest in the country.

Two of the most important industrial developments in Quebec today are the Ungava iron ore project and the new titanium industry. With the exploitation of the Ungava iron deposits on which it is believed, the future of the great steel industries of this Continent rests, Quebec's industrial base is being expanded to the point where the future industrial development of this Province is well assured.

Quebec's industries are not as diversified as those of Ontario, although a number have an output approximately half or more of the total Canadian production. The manufacture of pulp and paper occupies the premier position. Fifty years ago this industry had hardly come into existence in the Province and in the mid-1920's the annual gross value of production had not yet reached \$100,000,000. By the end of 1953 it accounted for about 10 p.c. of the gross value of Quebec's manufactures and for about 43 p.c. of the Canadian total for this industry. Other large Canadian industries in which Quebec predominates are tobacco, cigars and cigarettes 94.0 p.c. of the Canadian total; women's factory clothing 68.7 p.c.; cotton yarn and cloth 65.8 p.c.; leather footwear 59.7 p.c.; synthetic textiles and silk 57.3 p.c.; men's factory clothing 56.7 p.c.; railway rolling stock 46.4 p.c.; miscellaneous electrical appliances 44.8 p.c.; and pulp and paper 43.4 p.c.

Quebec also predominates in a large number of the smaller industries. The candle industry contributed 98.0 p.c. of the Canadian total; men's clothing contractors 92.2 p.c.; cotton thread 83.3 p.c.; women's clothing contractors 81.0 p.c.; dyeing and finishing of textiles 78.2 p.c.; children's clothing 77.4 p.c.; oiled and waterproofed clothing 74.5 p.c.; artificial flowers and feathers 74.3 p.c.; lasts, trees and shoe findings 73.8 p.c.; oilcloth, linoleum and coated fabrics 72.4 p.c.; embroidery, pleating and hemstitching 69.5 p.c.; miscellaneous clothing 68.1 p.c.; boot and shoe findings, leather 67.7 p.c.; narrow fabrics 67.3 p.c.; corsets 65.5 p.c.; fur dressing and dyeing 64.0 p.c.; process cheese 60.8 p.c.; miscellaneous textiles 59.3 p.c.; fur goods 54.9 p.c.; asbestos products 53.8 p.c.; medicinal and pharmaceutical preparations 47.2 p.c.; musical instruments 47.0 p.c.; buttons 43.6 p.c.; woollen cloth 41.0 p.c. etc.

TABLE 9. Principal Statistics of the Forty Leading Industries of Quebec, 1953

No.	Industries	Estab-lish-ments	Em-ployees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Pulp and paper.....	55	24,173	96,812,159	219,816,982	251,526,471	511,474,753
2	Non-ferrous metal smelting and refining.....	9	10,513	38,574,737	206,100,319	123,449,268	360,402,924
3	Petroleum products.....	8	2,636	10,905,932	185,182,964	62,906,739	257,951,853
4	Slaughtering and meat packing.....	36	4,467	13,830,937	143,020,867	30,001,134	173,981,064
5	Railway rolling stock.....	9	16,844	55,974,465	80,207,737	74,420,630	156,943,317
6	Clothing, men's factory.....	350	19,014	39,653,955	83,812,987	71,126,823	155,362,378
7	Clothing, women's, factory.....	502	18,519	38,962,259	80,282,827	70,803,377	151,398,926
8	Aircraft and parts.....	22	14,767	53,646,235	56,592,155	91,432,301	148,918,382
9	Tobacco, cigars and cigarettes.....	29	7,127	21,788,726	75,129,603	63,089,451	138,606,911
10	Cotton, yarn and cloth.....	21	14,322	34,612,187	91,879,654	43,906,677	138,284,551
11	Butter and cheese.....	690	5,304	11,837,901	90,492,509	22,706,423	115,143,831
12	Miscellaneous electrical apparatus and supplies..	35	12,120	40,402,310	45,082,380	67,670,216	113,781,127
13	Sawmills.....	1,788	10,537	17,529,940	58,709,361	36,405,428	96,026,261
14	Miscellaneous food preparations.....	85	2,764	7,302,962	62,621,609	27,474,410	90,732,383
15	Shipbuilding.....	13	10,719	34,005,878	31,174,241	55,409,501	87,290,590

TABLE 9. Principal Statistics of the Forty Leading Industries of Quebec, 1953 - Concluded

No.	Industries	Estab- lish- ments	Em- ployees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
16	Synthetic textiles and silk.....	36	11,322	30,302,973	36,827,657	44,960,008	83,894,376
17	Bread and other bakery products.....	944	9,832	21,668,015	37,664,965	39,043,008	79,275,643
18	Footwear, leather.....	172	13,329	25,859,053	39,079,715	38,994,709	78,430,221
19	Miscellaneous chemical products.....	75	7,286	21,400,887	45,095,320	29,945,848	76,674,583
20	Furniture.....	517	10,027	23,982,190	35,229,397	29,394,120	75,369,931
21	Machinery, industrial.....	60	7,324	24,025,915	25,206,773	48,342,255	74,321,361
22	Brass and copper products.....	37	3,083	10,333,913	45,072,023	20,264,536	66,203,818
23	Boxes and bags, paper.....	53	4,523	11,187,399	35,103,801	28,182,645	63,599,710
24	Printing and publishing.....	81	6,684	21,434,861	17,086,617	40,223,417	57,691,584
25	Breweries.....	6	2,568	9,739,051	16,953,682	38,812,961	56,493,331
26	Sheet metal products.....	74	5,032	15,836,705	28,959,450	25,818,722	55,275,009
27	Feeds, stock and poultry, prepared.....	204	1,529	3,351,599	44,869,358	8,238,580	53,613,301
28	Bridge building and structural steel.....	13	3,631	13,820,577	23,771,687	29,123,499	53,320,447
29	Radio and television sets and parts.....	20	4,850	16,796,013	30,643,567	22,120,925	52,948,231
30	Rubber goods, including footwear.....	28	6,283	17,571,287	20,694,753	31,161,629	52,559,824
31	Primary iron and steel.....	16	4,157	14,801,522	21,252,723	25,901,830	49,846,420
32	Distilled liquors.....	8	2,327	7,094,325	15,810,307	31,727,629	48,511,848
33	Acids, alkalies and salts.....	16	3,307	12,441,548	18,702,072	25,293,426	48,483,947
34	Sash, door and planing mills.....	787	5,876	11,897,554	27,984,748	18,832,121	47,584,033
35	Printing and bookbinding.....	556	6,782	19,043,244	15,478,859	29,584,413	45,498,703
36	Medicinal and pharmaceutical preparations.....	98	3,621	10,834,252	15,362,693	28,271,136	44,142,988
37	Carbonated beverages.....	186	2,850	7,397,479	13,093,716	26,886,763	40,906,303
38	Miscellaneous paper goods.....	70	2,471	6,454,379	22,276,630	15,909,175	38,452,915
39	Knitted goods.....	75	4,991	9,451,300	18,952,417	16,968,539	36,293,654
40	Paints, varnishes and lacquers.....	34	2,292	7,829,926	17,001,634	18,568,713	35,799,423
<b>Totals, leading industries<sup>1</sup>.....</b>		<b>7,818</b>	<b>309,803</b>	<b>890,396,550</b>	<b>2,178,280,759</b>	<b>1,814,999,456</b>	<b>4,111,490,855</b>
<b>Totals, all industries.....</b>		<b>12,132</b>	<b>441,555</b>	<b>1,225,573,314</b>	<b>2,816,373,112</b>	<b>2,424,647,499</b>	<b>5,386,784,863</b>
Percentage of leading industries to all industries		64.4	70.1	72.6	77.3	74.8	76.3

1. Sugar refining is also a leading industry. Statistics, however are confidential.

#### SECTION 4. THE MANUFACTURES OF ONTARIO

The manufacturing industries of Ontario continued to expand during 1953, the selling value of factory shipments at \$8,876,504,990 being the highest on record. Establishments reporting numbered 13,114. They furnished employment to 634,554 persons who received \$2,017,982,218 in salaries and wages, and spent \$4,560,134,562 for materials. The value added by manufacture which is the gross value of production, less the cost of materials used including the cost of fuel and electricity, also reached a record figure of \$4,130,126,462. Compared with the previous year there was an increase of 4.1 p.c. in the number of persons employed, 9.4 p.c. in the salaries and wages paid, and 6.0 p.c. in the selling value of factory shipments. The expansion of manufacturing in Ontario was greater than in the other major industrial provinces. This is indicated by an increase of only 3.0 p.c. in employment, 8.8 p.c. in salaries and wages paid, and 4.7 p.c. in selling value of factory shipments for Canada as a whole.

Ontario, which is now recognized as one of the world's major industrial areas, accounts for approximately half of Canada's manufacturing production. Here, the proximity of raw materials, cheap hydro-electric power, and a strategic location in relation to export markets, not only on this continent but overseas, have been the decisive factors in the development of Ontario to its present industrial position. Most of the manufactures of the province and most of its population are located in Southern Ontario. This area has the inestimable advantage of bordering on the St. Lawrence-Great Lakes waterway system which give access westward to the heart of the continent and eastward to the shipping routes of the world, and which is also the source of most of Ontario's hydro-electricity. Many new industrial areas are being created as new industries and branch plants of established industries are increasingly being located in the smaller towns.

Despite the great industrial progress made by other provinces, Ontario continues to maintain its predominance and in 1953 produced about 50 per cent of the nation's manufactured goods. A vast increase in steel ingot capacity is being made possible by developments at Steep Rock Iron Mines. At Sarnia, huge investments have gone into the construction of new plant for a whole group of new products based on Alberta oil flowing through the Edmonton-Superior pipe line. Other significant developments are taking place in synthetic rubber and industrial and consumer chemicals. Ontario has continued to gain in such traditional lines as motor vehicles, industrial

and farm machinery, and the manufacture of household equipment. The same may be said of other "hard" goods like business and office machinery and electrical apparatus and supplies. Numerous plants making aircraft components and building materials have favoured the Toronto area, and chemical production has been rising by leaps and bounds in the vicinity of Sarnia and along the lower reaches of the St. Lawrence River between Cornwall and Kingston.

Ontario also has the greatest diversification of manufacturing production of any province. Certain industries, such as the manufacture of motor vehicles, motor vehicle parts, heavy electrical machinery, agricultural implements, machine tools, starch and glucose, bicycles and the processing of raw tobacco are carried on in practically this province alone. Of the forty leading industries in Canada in 1953, a substantial number of them were dominated by Ontario's share of the total production. These industries, with the percentage which the production of each bears to that of the 1953 Canada totals are as follows: motor vehicles 98.7, motor vehicle parts 96.8, heavy electrical machinery 94.0, agricultural implements 91.2, rubber goods 81.8, primary iron and steel 76.8, radio and television sets and parts 72.4, iron castings 71.2, fruit and vegetable preparations 64.6, miscellaneous paper products 64.1, sheet metal products 60.8, printing and bookbinding 58.7, aircraft and parts 58.6, industrial machinery 57.5, brass and copper products 55.3, boxes and bags, paper 53.3, miscellaneous electrical apparatus 53.0, and furniture 50.4. In addition Ontario dominated many of the smaller industries in 1953 as follows: machine tools 100.0, starch and glucose 99.1, bicycles and parts 96.7, tobacco processing and packing 95.7, soaps and washing compounds 90.7, breakfast foods 89.3, carpets, mats and rugs 88.5, automobile accessories, fabric 88.4, leather tanneries 86.9, wine 86.6, typewriter supplies 86.2, artificial abrasives 85.3, miscellaneous non-ferrous metal products 83.9, cordage, rope and twine 82.6, batteries 81.1, sporting goods 79.3, refrigerators, vacuum cleaners and appliances 77.6, white metal alloys 76.6, household and office machinery 75.9, toys and games 74.9, scientific and professional equipment 74.6, jewellery and silverware 73.6, boilers and plate work 73.4, wool yarn 73.2, hardware, tools and cutlery 72.9, feed mills 67.9, aluminum products 62.5, animal oils and fats 61.6, acids, alkalies and salts 58.8, confectionery 55.8, knitted goods 54.6, and hosiery 48.4.

TABLE 10. Principal Statistics of the Forty Leading Industries of Ontario, 1953

No.	Industries	Estab- lish- ments No.	Em- ployees No.	Earnings \$	Cost at plant of materials used \$	Value added by manufacture \$	Selling value of factory shipments \$
1	Motor vehicles.....	13	31,943	127,775,690	551,267,610	269,184,242	824,580,689
2	Non-ferrous metal smelting and refining.....	7	10,012	38,527,021	197,566,885	162,093,574	376,501,229
3	Pulp and paper.....	43	18,631	74,971,008	153,553,660	177,179,862	352,414,301
4	Primary iron and steel.....	26	24,383	93,900,808	162,583,778	167,295,716	352,408,279
5	Slaughtering and meat packing.....	61	8,706	29,117,304	263,894,240	61,492,919	327,326,431
6	Motor vehicle parts.....	105	22,177	77,566,306	158,541,735	135,275,467	297,765,989
7	Rubber goods, including footwear.....	39	16,267	53,289,706	93,562,852	141,173,937	237,746,006
8	Aircraft and parts.....	17	20,431	80,284,209	72,332,752	159,922,729	233,669,531
9	Machinery, heavy, electrical.....	37	23,723	82,805,273	81,189,337	146,566,947	229,604,515
10	Petroleum products.....	12	5,071	20,933,480	140,282,154	43,622,002	193,594,550
11	Agricultural implements.....	32	12,778	46,504,598	84,329,988	70,846,260	156,805,494
12	Radio and television sets, and parts.....	68	11,905	33,153,112	81,193,239	63,171,780	144,859,196
13	Butter and cheese.....	499	7,690	21,112,419	100,382,817	37,094,189	140,323,165
14	Sheet metal products.....	170	10,825	35,566,793	71,446,091	64,072,531	137,158,117
15	Miscellaneous electrical apparatus and supplies..	96	10,189	33,119,122	60,889,641	72,069,468	134,488,218
16	Fruit and vegetable preparations.....	199	9,411	21,156,281	75,253,530	55,551,894	132,533,662
17	Machinery, industrial.....	183	12,359	42,598,810	47,120,218	81,613,231	130,011,593
18	Flour mills.....	55	2,172	6,806,826	101,470,921	17,346,294	119,499,336
19	Printing and publishing.....	301	12,975	45,039,258	32,655,949	83,990,722	117,692,974
20	Furniture.....	673	14,956	39,607,973	52,687,103	62,836,918	116,745,089
21	Bread and other bakery products.....	849	14,674	36,605,736	52,639,369	59,924,269	116,521,951
22	Castings, iron.....	94	10,257	36,412,658	50,251,636	59,478,287	112,129,542
23	Miscellaneous food preparations.....	124	4,413	12,523,191	70,058,650	33,997,078	105,850,983
24	Boxes and bags, paper.....	104	7,619	22,332,007	62,115,661	42,961,461	105,753,146
25	Printing and bookbinding.....	734	12,713	37,601,443	37,753,374	64,928,660	103,437,436
26	Brass and copper products.....	87	5,250	18,316,070	59,219,219	34,139,590	94,425,494
27	Miscellaneous paper goods.....	114	6,338	19,006,593	50,819,681	42,646,297	94,413,066
28	Hardware, tools and cutlery.....	247	10,516	34,253,868	28,764,497	62,725,742	92,804,046
29	Railway rolling stock.....	15	7,195	25,365,544	51,182,024	39,350,894	91,686,708
30	Miscellaneous chemical products.....	128	4,653	16,219,469	37,619,531	44,914,621	88,933,157
31	Refrigerators, vacuum cleaners and appliances....	63	7,263	22,893,291	42,597,168	45,347,020	88,914,283
32	Breweries.....	21	3,130	12,857,429	20,592,422	62,061,665	83,594,803
33	Clothing, men's, factory.....	160	11,373	26,020,365	42,551,611	39,416,642	82,244,104
34	Soaps, washing compounds and cleaning preparations..	66	3,165	11,435,863	34,995,599	44,869,073	80,944,064
35	Coke and gas products.....	16	2,818	10,067,623	45,985,426	31,220,581	80,321,616
36	Sawmills.....	1,207	8,664	18,492,607	41,590,943	37,129,639	79,573,208
37	Feeds, stock and poultry, prepared.....	284	2,675	6,667,231	60,868,148	13,854,308	75,952,490
38	Machinery, household, office and store.....	44	6,067	19,997,369	32,730,354	41,836,395	75,086,351
39	Acids, alkalis and salts.....	20	4,502	17,177,592	22,651,512	43,717,546	74,892,156
40	Boilers, tanks and platemwork.....	43	6,172	23,000,485	27,553,465	43,331,055	71,650,475
<b>Totals, leading industries.....</b>		<b>7,056</b>	<b>426,061</b>	<b>1,431,082,431</b>	<b>3,454,744,790</b>	<b>2,960,241,505</b>	<b>6,554,857,443</b>
<b>Totals, all industries.....</b>		<b>13,114</b>	<b>634,554</b>	<b>2,017,982,218</b>	<b>4,560,134,562</b>	<b>4,130,126,462</b>	<b>8,876,504,990</b>
Percentage of leading industries to all industries		53.8	67.1	70.9	75.8	71.7	73.8

## SECTION 5. THE MANUFACTURES OF THE PRAIRIE PROVINCES

The leading industries of the Prairie Provinces are those based on agricultural resources—grain-growing, cattle-raising and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. 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. This industry has made tremendous strides in the Prairie Provinces since 1949. At that time it ranked third in importance, being outranked by slaughtering and meat packing which was then in first place and by flour mills which ranked second. Of greater significance is the fact that it has increased its proportion of the total manufacturing production of the Prairie Provinces from 8.5 p.c. in 1949 to 12.6 p.c. in 1953. 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. In Saskatchewan, while the main economic role continues to be played by agriculture, both oil and mineral wealth are being developed.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest value of factory shipments in 1953, amounting to \$254,281,252, followed by petroleum products with \$177,755,925, flour mills \$109,280,007, butter and cheese \$91,021,014 and railway rolling stock \$58,272,876. These five industries accounted for about 49 p.c. of the total production of the Prairie Provinces. Other leading

industries, in order of gross value of factory shipments, were: bread and other bakery products, breweries, printing and publishing, sawmills, miscellaneous foods, sash, door and planing mills, men's factory clothing, furniture, bridge building and structural steel, sheet metal products, sugar refining, printing and bookbinding, prepared stock and poultry feeds, carbonated beverages, women's factory clothing, hydraulic cement, pulp and paper, etc.

In water-power resources, the Prairie Provinces are not so well endowed as the more highly industrialized provinces of Quebec, Ontario and British Columbia. At the end of 1953 power installation in the three Provinces totalled only 1,034,695 h.p. or about 7 p.c. of the Canadian total. Manitoba had 716,900 h.p., Saskatchewan 109,835 h.p. and Alberta 207,960 h.p. With the present developments of natural gas and oil, the Prairie Provinces, will in large measure be able to overcome a lack of water-power resources which is so vital to industrial development. Manitoba has more water-power resources and has developed them to a greater extent than either of the other Prairie Provinces. Practically all the developed sites are located on the Winnipeg River. These supply not only Winnipeg and its suburban areas but, through the transmission network of the Manitoba Power Commission, power is distributed to more than 400 municipalities and a large part of rural areas of southern Manitoba where farm electrification is a primary objective. In Saskatchewan, water-power development is confined to the northern mining districts. The southern portions of Saskatchewan and Alberta are lacking in water-power resources but have large fuel reserves. In Alberta, present developments are located in the Bow River basin and serve Calgary and numerous other municipalities between the International Boundary and the area north of Edmonton.



In the Prairie Provinces, the nature of developments vary from one province to another. Alberta has moved to the forefront, especially since 1950. There the emphasis has been more on the manufacture of machinery and equipment, including products like drill bits and tanks, heat exchangers and other bulky equipment for the burgeoning oil and gas industries. Chemicals, and especially petrochemicals, have made striking gains; second in terms of new growth, they now embrace various rayon intermediates and polythene plastics, as well as fertilizers and the manufacture of other new inorganic products like caustic soda and chlorine. Sizeable gains have been made by the expansion of food-processing plants and the construction of still more factories for making building materials.

Developments in Saskatchewan, by contrast, have continued along more or less traditional lines. The largest gains, for instance, have been recorded in food processing. Notable in this respect has been the establishment of three new fresh-water fish-packing plants. The manufacture of building materials, including non-metallic mineral products and lumber, has also increased.

However, the largest single gain in employment has been in the refining of prairie oil for local use.

Manitoba, next to Alberta, has made the best showing on the Prairies, a surprisingly large number of small and medium-sized firms having located in the Winnipeg area since 1945. The clothing industry has outstripped electrical apparatus in employment gains; food processing, building materials and machinery manufacture following in that order. Plantwise, however, the largest single increase has been in meat packing, although three large electrical apparatus concerns and a sizeable new oil refinery have also been established in that area.

According to the table below manufacturing establishments reporting in 1953 numbered 4,674 for the Prairie Provinces as a whole. These plants furnished employment to 88,426 persons who received \$246,126,950 in salaries and wages. They also shipped goods with a selling value at the factory of \$1,407,300,372 and spent \$871,928,219 for materials, while the value added by manufacture totalled \$509,399,199.

Principal Statistics of the Prairie Provinces, 1953

Province	Estab-lish-ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	\$'000	\$'000	\$'000	\$'000
Manitoba .....	1,540	43,740	121,126	345,403	229,797	584,872
Saskatchewan.....	1,062	11,604	32,395	180,304	79,941	266,613
Alberta.....	2,072	33,082	92,605	346,221	199,660	555,815
<b>Totals .....</b>	<b>4,674</b>	<b>88,426</b>	<b>246,126</b>	<b>871,928</b>	<b>509,398</b>	<b>1,407,300</b>

In spite of the rapid development in the Prairie Provinces since 1939, manufacturing production did not keep pace with the developments in the more industrialized provinces of Ontario, Quebec and British Columbia. This is indicated by the slight drop in the Prairie Provinces' share of the Canadian total which declined from 8.13 p.c. in 1939 to 7.91 p.c. in 1953. In spite of an increase of 105 p.c. in the number of employees as compared with an increase of 102 p.c. for the whole of Canada, factory shipments were 398 p.c. higher for

the Prairie Provinces as compared with 412 p.c. for Canada as a whole.

According to the table below, Manitoba and Saskatchewan did not keep pace with manufacturing developments in Canada as a whole. Alberta on the other hand fared much better. Compared with 1939 employment increased by 160 p.c. and the value of factory shipments by 535 p.c. This compares with increases for Canada as a whole of 102 p.c. and 412 p.c. respectively.

Variation in Employment and Factory Shipments, 1953 Compared with 1939

Province	Employees	Earnings	Selling value of factory shipments
	p.c.	p.c.	p.c.
Manitoba .....	+ 83	+ 326	+ 335
Saskatchewan.....	+ 79	+ 341	+ 340
Alberta.....	+ 160	+ 518	+ 535
<b>Prairie Provinces.....</b>	<b>+ 105</b>	<b>+ 385</b>	<b>+ 398</b>
<b>Canada.....</b>	<b>+ 102</b>	<b>+ 435</b>	<b>+ 412</b>

TABLE 11. Principal Statistics of the Leading Industries of Manitoba, 1953

No.	Industries	Estab-lish-ments	Em-ployees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Slaughtering and meat packing.....	13	3,088	10,357,475	88,767,316	21,163,107	110,456,068
2	Railway rolling stock .....	4	6,154	19,919,048	19,935,570	20,550,955	40,983,287
3	Butter and cheese.....	72	1,430	3,658,301	20,923,362	7,295,273	28,658,915
4	Flour mills .....	8	543	1,318,422	23,657,789	3,008,136	26,836,993
5	Petroleum products .....	4	400	1,570,469	19,692,425	4,611,062	25,237,912
6	Clothing, men's factory.....	49	2,907	5,552,078	12,928,893	9,484,421	22,483,403
7	Miscellaneous food preparations.....	25	735	1,990,277	15,737,032	5,510,754	21,511,258
8	Furniture.....	113	1,693	4,454,253	8,570,856	7,438,029	16,136,196
9	Printing and publishing.....	80	2,000	5,652,613	4,424,422	11,035,236	15,598,112
10	Bread and other bakery products.....	135	1,731	4,315,739	6,588,303	6,986,438	14,008,701
11	Pulp and paper .....	3	503	1,948,335	4,049,995	8,014,536	13,023,260
12	Clothing, women's factory .....	27	1,526	3,481,077	7,075,753	5,363,636	12,476,340
13	Bridge building and structural steel.....	3	750	2,692,676	4,328,953	7,793,963	12,211,840
14	Breweries .....	6	583	1,946,802	2,160,434	8,288,972	10,611,391
15	Primary iron and steel.....	4	980	3,365,384	2,815,466	6,594,524	10,001,096
16	Printing and bookbinding.....	75	1,318	3,453,171	3,417,723	6,380,683	9,868,197
17	Sheet metal products.....	21	911	2,660,236	3,994,759	5,027,865	9,108,452
18	Boxes and bags, paper .....	8	589	1,749,657	5,521,652	3,384,436	8,968,105
19	Agricultural implements .....	18	604	1,665,552	3,591,045	4,960,289	8,639,114
20	Feeds, stock and poultry, prepared.....	33	216	544,871	5,056,952	1,170,298	6,304,143



TABLE 11. Principal Statistics of the Leading Industries of Manitoba, 1953 - Concluded

No.	Industries	Estab- lish- ments	Em- ployees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
21	Bags, cotton and jute.....	4	219	524,454	5,490,998	674,102	6,186,704
22	Carbonated beverages.....	21	343	933,397	1,862,664	4,134,090	6,137,404
23	Fur goods.....	55	670	1,720,470	3,506,541	2,250,935	5,779,383
24	Miscellaneous iron and steel products.....	7	505	1,794,897	2,107,528	3,174,047	5,354,647
25	Paints, varnishes and lacquers.....	5	249	627,962	2,684,276	2,602,214	5,315,541
26	All other leading industries.....	4	1,809	5,387,241	15,257,711	7,544,177	23,396,616
	<b>Totals, leading industries.....</b>	<b>797</b>	<b>32,456</b>	<b>93,284,857</b>	<b>294,148,418</b>	<b>174,442,178</b>	<b>475,293,078</b>
	<b>Totals, all industries.....</b>	<b>1,540</b>	<b>43,740</b>	<b>121,126,279</b>	<b>345,403,115</b>	<b>229,797,439</b>	<b>584,872,459</b>
	Percentage of leading industries to all industries	51.7	74.2	77.0	85.2	75.9	81.2

1. Publication of these figures was authorized by the firms concerned.  
 2. Includes: Aircraft and parts, Biscuits, and Non-ferrous metal smelting and refining.

TABLE 12. Principal Statistics of the Leading Industries of Saskatchewan, 1953

No.	Industries	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Petroleum products.....	9	1,003	3,890,557	45,754,470	14,969,468	62,777,002
2	Flour mills.....	12	723	2,301,439	34,638,648	7,903,981	42,911,324
3	Slaughtering and meat packing.....	8	1,142	3,656,786	23,486,694	8,151,631	31,879,941
4	Butter and cheese.....	60	1,298	3,240,315	20,497,484	7,112,918	28,008,313
5	Breweries.....	5	393	1,403,248	2,430,232	8,069,105	10,653,206
6	Bread and other bakery products.....	91	1,036	2,480,046	4,287,106	5,331,587	9,867,524
7	Printing and publishing.....	100	1,130	3,204,739	1,870,055	5,647,070	7,625,152
8	Sawmills.....	441	994	1,210,958	1,854,793	2,948,543	4,908,053
9	Carbonated beverages.....	24	289	758,081	1,586,738	2,394,121	4,133,801
10	Sash, door and planing mills.....	29	433	1,125,761	2,029,237	2,016,270	4,101,872
11	Sheet metal products.....	5	237	652,051	1,902,950	1,476,525	3,399,481
12	Miscellaneous wood products, n.e.s.....	8	132	330,382	2,098,331	870,069	2,984,948
	<b>Totals, leading industries<sup>1</sup>.....</b>	<b>792</b>	<b>8,810</b>	<b>24,254,363</b>	<b>142,436,648</b>	<b>66,891,288</b>	<b>213,250,617</b>
	<b>Totals, all industries.....</b>	<b>1,062</b>	<b>11,604</b>	<b>32,395,518</b>	<b>180,303,942</b>	<b>79,941,332</b>	<b>266,613,086</b>

1. Non-ferrous metal smelting and refining is also a leading industry. Statistics, however, are confidential since there are less than three firms reporting.

TABLE 13. Principal Statistics of the Leading Industries of Alberta, 1953

No.	Industries	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Slaughtering and meat packing.....	12	3,378	10,608,525	92,715,225	18,731,942	111,945,243
2	Petroleum products.....	15	1,412	5,694,916	60,186,566	26,453,659	89,741,011
3	Flour mills.....	14	869	2,148,048	34,810,062	4,482,839	39,531,690
4	Butter and cheese.....	100	1,819	4,569,534	26,260,907	7,686,129	34,353,786
5	Sawmills.....	833	3,476	5,508,627	10,378,399	12,847,395	23,781,960
6	Sash, door and planing mills.....	107	2,034	5,165,706	14,280,400	8,129,131	22,599,745
7	Railway rolling stock.....	3	2,318	7,413,581	9,649,096	7,413,581	17,289,589
8	Bread and other bakery products.....	128	1,691	4,485,792	7,573,679	8,771,132	16,649,587
9	Breweries.....	5	541	1,881,837	3,531,447	10,146,777	13,815,434
10	Printing and publishing.....	81	1,187	3,469,042	2,735,532	7,672,717	10,494,148
11	Miscellaneous food preparations.....	14	311	847,125	7,512,281	2,044,401	9,700,607
12	Concrete products.....	32	586	1,905,412	4,439,756	3,977,353	8,551,945
13	Bridge building and structural steel.....	3	606	2,143,981	3,783,827	3,422,422	7,245,315
14	Feeds, stock and poultry, prepared.....	48	264	662,299	5,258,810	1,637,963	7,002,081
15	Miscellaneous wood products, n.e.s.....	11	365	977,516	4,472,407	1,992,345	6,542,647
16	Clothing, men's, factory.....	9	694	1,539,756	3,552,715	2,846,161	6,415,886
17	Machine shops.....	67	798	2,674,921	2,375,746	3,720,393	6,195,342
18	All other leading industries <sup>1</sup> .....	5	1,053	3,508,573	9,671,966	16,220,148	27,870,372
	<b>Totals, leading industries.....</b>	<b>1,487</b>	<b>23,402</b>	<b>65,205,191</b>	<b>303,188,821</b>	<b>148,196,488</b>	<b>459,726,388</b>
	<b>Totals, all industries.....</b>	<b>2,072</b>	<b>33,082</b>	<b>92,605,153</b>	<b>346,221,162</b>	<b>199,660,428</b>	<b>555,814,827</b>
	Percentage of leading industries to all industries	71.8	70.7	70.4	87.6	74.2	82.7

1. Includes: Cement, hydraulic, Fertilizers, and Sugar refining.

## SECTION 6. THE MANUFACTURES OF BRITISH COLUMBIA

British Columbia, with factory shipments totalling \$1,366,823,690 in 1953, ranked third among the provinces in manufacturing production. In spite of the rapid industrialization of other provinces, British Columbia succeeded in increasing its share of the total Canadian output. This is reflected in the increase in the total from 7.1 p.c. in 1939 to 7.8 p.c. in 1952, with a slight decline to 7.7 p.c. in 1953.

Forest resources, fisheries, minerals and electric power have given a broad base and wide diversification to its industrial development. While Ontario and Quebec have an outstanding predominance in each of the major industrial groups of the Standard Industrial Classification, in the production of wood products, however, British Columbia with 37 p.c. of the Canadian total holds the dominant position, outranking both Ontario and Quebec which account respectively for 26 and 22 p.c. of the total.

Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked first with a gross value of shipments of \$323,474,522, and pulp and paper second with \$138,883,093. Third in importance was fish processing, based principally in the estuarial salmon fisheries, British Columbia accounted for approximately 48 p.c. of the output of the fish processing industry in 1953 and plays a large part in making Canada the largest fish exporting nation in the world. Other important industries are: veneers and plywoods, slaughtering and meat packing, sash, door and planing mills, petroleum products, miscellaneous food preparations, fertilizers, shipbuilding, fruit and vegetable preparations, butter and cheese, bridge building and structural steel, bread and other bakery products, printing and publishing, etc. The non-ferrous metal smelting and refining industry ranks high amongst the leading industries. Information, however, cannot be published as there is only one smelter located in the Province.

A feature of recent progress has been that new developments are taking place in areas far removed from accepted industrial centres. Growing lines of communication and transportation are fanning out from and leading into formerly locked interior communities to tap a vast new potential and offer new sources of provincial economic unity and strength. Factories and plants in remote sections are drawing greater value in employment and dollars from natural resources. The growth of the province industrially may be indicated by the increase in employment which is more than double the pre-war figure. In dollar terms, gross value of manufacturing is now more than double of the immediate postwar period, and up more than

fivefold since 1939. The consumption of 3.2 billion kwh of electric power by manufacturers during 1953 marks a steady upward climb of 29 per cent in the past decade.

British Columbia ranks second among the provinces in available water-power resources and its hydraulic development which at the end of 1953 totalled 1,702,858 h.p., out of a Canadian total of 15,140,880 h.p., is exceeded only by Quebec and Ontario. Present developments are practically all located in the southern part of the province in the Fraser and Columbia River basins. The Aluminum Co. of Canada is making excellent progress in its great Nechako-Kitimat scheme, involving diversion of the head-waters of the Fraser River through the coastal range by a ten-mile tunnel to an underground powerhouse. It is anticipated that the first stage of installation, covering 420,000 h.p. in three units, will be completed in 1954. This power will be used in the production of aluminum which will be a new product for British Columbia.

In the investment in new plant and equipment by British Columbia manufacturers, the wood products group, principally sawmills and including new plants manufacturing plywood and furniture, are well out in front. This is so both in number of firms and in new development opportunities. Next in line comes paper products. Four new mills have been built and others expanded to increase British Columbia's output of newsprint, kraft and dissolving pulps. New plants making chemicals, principally fertilizers and plywood adhesives, have been prominent, as well as firms making machinery and equipment. Food processing has also made considerable headway and, in investment terms, petroleum products are worthy of comment. Construction work on several new refineries commenced when construction was started on the Trans-Mountain oil pipeline in 1951. It is not expected that any of them will be in operation before 1954 or 1955.

Manufacturing establishments reporting in 1953 numbered 4,317. These plants furnished employment to 93,844 persons who received \$300,921,318 in salaries and wages. They also shipped goods with a selling value at the factory of \$1,366,823,690 and spent \$724,495,754 for materials, while the value added by manufacture totalled \$615,686,215. Compared with the previous year there was an increase of 1.3 p.c. in the number of persons employed, 6.1 p.c. in the salaries and wages paid, and 2.6 p.c. in the selling value of factory shipments. The expansion of manufactures in British Columbia in 1953 was not as great as for Canada as a whole which showed an increase of 3.0 p.c. in number of persons employed, 8.8 p.c. in salaries and wages paid and 4.7 p.c. in the selling value of factory shipments.

TABLE 14. Principal Statistics of the Leading Industries of British Columbia, 1953

No.	Industries	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Sawmills .....	1,824	28,594	87,569,268	163,192,486	156,345,168	323,474,522
2	Pulp and paper .....	12	6,432	28,088,527	50,058,822	81,452,218	138,883,093
3	Fish processing .....	77	3,389	9,308,400	39,449,608	25,438,255	65,726,800
4	Veneers and plywoods .....	12	4,333	13,838,443	22,913,006	33,132,477	56,503,885
5	Slaughtering and meat packing .....	11	1,477	5,024,832	44,335,142	8,771,763	53,415,699
6	Sash, door and planing mills .....	204	3,066	9,125,328	31,240,764	15,819,252	47,658,772
7	Petroleum products .....	4	795	3,358,977	34,624,372	4,588,262	40,562,462
8	Miscellaneous food preparations .....	45	856	2,015,856	33,237,728	6,793,359	40,172,603
9	Fertilizers .....	6	1,271	5,000,012	11,028,239	23,955,694	35,156,537
10	Shipbuilding .....	28	3,405	13,394,083	10,249,400	21,913,882	32,548,906
11	Fruit and vegetable preparations .....	72	2,330	4,850,424	18,126,106	10,520,227	28,946,460
12	Butter and cheese .....	31	1,833	5,279,962	17,639,996	7,713,526	25,994,334
13	Bridge building and structural steel .....	5	1,519	6,084,070	8,698,221	15,100,579	23,986,933
14	Bread and other bakery products .....	263	2,626	7,349,250	10,847,370	12,114,535	23,623,489
15	Printing and publishing .....	91	2,811	10,327,631	5,653,094	17,268,777	23,112,254
16	Furniture .....	196	1,992	5,296,339	7,828,366	7,732,075	15,713,015
17	Feeds, stock and poultry, prepared .....	42	691	1,807,125	11,137,359	3,505,138	14,921,025
18	Breweries .....	11	659	2,379,516	3,243,948	11,011,427	14,506,072
19	Sheet metal products .....	27	834	2,959,557	9,088,938	5,059,847	14,279,966
20	Boxes and bags, paper .....	15	785	2,274,024	8,641,778	4,666,356	13,389,625
21	Machinery, industrial .....	37	1,388	5,232,993	3,013,220	9,019,789	12,185,005
	<b>Totals, leading industries listed above<sup>1</sup> .....</b>	<b>3,013</b>	<b>71,086</b>	<b>230,564,617</b>	<b>544,247,963</b>	<b>481,922,606</b>	<b>1,044,761,457</b>
	<b>Totals, all industries .....</b>	<b>4,317</b>	<b>93,844</b>	<b>300,921,318</b>	<b>724,495,754</b>	<b>615,686,215</b>	<b>1,366,823,690</b>

1. Other leading industries for which statistics cannot be shown since there are less than three establishments in each industry are: Non-ferrous metal smelting and refining, Sugar refining, and Distilled liquors.

## SECTION 7. MANUFACTURING INDUSTRIES IN URBAN CENTRES

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 15, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows

by provinces the proportion contributed by cities and towns having factory shipments of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1953 accounted for 89 p.c. and 92 p.c. respectively of the totals for those provinces, while for the Atlantic Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions are 73 p.c. and 59 p.c. respectively. In the Prairie Provinces manufacturing is confined to a few urban centres.

**TABLE 15. Cities and Towns Each with Selling Value of Factory Shipments of Over \$1,000,000, Number of Establishments and Total Shipments in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1953**

Note. Statistics published in this table are in some cases higher than the figures published in Table 18, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000. It was not possible to publish this information in Table 18 without disclosing the operations of individual establishments.

Province	Number of urban centres with selling value of factory shipments of over \$1,000,000	Number of establishments reporting in urban centres with selling value of factory shipments of over \$1,000,000	Selling value of factory shipments of urban centres having \$1,000,000 or over	Selling value of factory shipments of each province	Selling value of factory shipments of urban centres as a percentage of shipments in each province
Newfoundland.....	5	128	67,668,600	106,524,603	63.4
Prince Edward Island.....	3	58	15,836,475	23,198,970	67.8
Nova Scotia.....	25	520	229,269,577	320,012,264	71.0
New Brunswick.....	18	361	232,692,613	295,750,419	78.9
Quebec.....	164	8,027	5,032,680,928	5,386,784,863	92.3
Ontario.....	184	9,596	7,863,324,104	8,876,504,990	88.9
Manitoba.....	12	1,084	503,341,751	584,872,459	86.0
Saskatchewan.....	8	379	213,444,772	266,613,086	79.0
Alberta.....	19	945	426,023,544	555,814,827	76.4
British Columbia.....	33	2,554	809,263,698	1,366,823,690	59.2
Yukon and Northwest Territories.....	—	—	—	2,516,683	—
<b>Canada.....</b>	<b>471</b>	<b>23,652</b>	<b>15,393,546,062</b>	<b>17,785,416,854</b>	<b>86.9</b>

**TABLE 16. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1939-53**

City and Year	Establishments	Employees	Earnings	Cost at plant of materials used	Selling of factory shipments <sup>1</sup>
	No.	No.	\$	\$	\$
Montreal:					
1939.....	2,501	105,315	114,602,118	254,188,246	483,246,583
1944.....	3,109	185,708	308,396,358	650,618,563	1,215,988,014
1946.....	3,785	173,507	291,381,617	602,667,823	1,147,945,303
1947.....	3,950	177,744	325,114,158	682,056,090	1,298,019,266
1948.....	3,887	180,098	368,191,470	841,048,938	1,550,246,090
1949.....	4,136	184,779	399,943,526	847,444,669	1,596,713,694
1950.....	4,127	184,982	419,217,987	914,907,200	1,696,677,033
1951.....	4,137	183,436	449,279,943	1,026,220,450	1,849,153,995
1952.....	4,283	187,396	496,270,442	1,041,585,029	1,960,826,915 <sup>2</sup>
1953.....	4,398	193,129	544,284,191	1,067,911,378	2,042,662,785 <sup>2</sup>

**TABLE 16. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1939-53**  
Concluded

City and Year	Establish- ments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments <sup>1</sup>
	No.	No.	\$	\$	\$
<b>Toronto:</b>					
1939.....	2,885	98,702	122,553,435	240,532,281	482,532,331
1944.....	3,344	154,538	250,776,613	513,429,109	1,020,345,353
1946.....	3,632	145,556	247,298,288	549,256,912	1,036,939,790
1947.....	3,705	151,137	289,363,797	648,648,084	1,231,936,820
1948.....	3,683	154,197	335,142,822	804,970,396	1,475,761,819
1949.....	4,005	158,562	368,510,524	837,148,440	1,579,186,450
1950.....	4,011	160,063	392,754,292	918,699,592	1,686,922,991
1951.....	3,796	151,333	415,206,705	991,268,163	1,763,192,114
1952.....	3,825	149,020	439,286,411	945,304,350	1,790,369,192 <sup>2</sup>
1953.....	3,781	154,251	478,086,271	980,873,073	1,875,747,249 <sup>2</sup>
<b>Hamilton:</b>					
1939.....	461	31,512	39,563,423	70,829,034	152,746,340
1944.....	480	53,500	94,982,915	171,117,467	363,033,672
1946.....	501	45,951	80,959,432	150,977,835	308,033,098
1947.....	512	50,567	101,424,109	205,430,175	411,817,530
1948.....	526	53,370	124,016,143	259,800,537	519,132,345
1949.....	546	54,665	137,641,333	285,180,403	563,982,920
1950.....	549	54,823	145,093,180	310,380,224	625,480,893
1951.....	560	58,841	174,296,725	391,412,980	755,546,928
1952.....	575	59,257	190,167,980	385,701,709	781,596,810 <sup>2</sup>
1953.....	566	60,451	201,515,979	385,515,852	824,407,315 <sup>2</sup>
<b>Windsor:</b>					
1939.....	222	17,729	25,938,890	63,907,106	122,474,320
1944.....	231	35,912	80,667,573	232,102,240	387,603,874
1946.....	256	30,889	60,315,436	138,788,813	244,925,148
1947.....	273	32,154	74,748,834	204,383,024	367,122,739
1948.....	271	32,729	85,354,165	231,706,777	413,749,890
1949.....	283	34,591	94,304,627	271,392,923	494,162,203
1950.....	280	34,901	105,778,494	311,563,422	564,870,512
1951.....	297	34,865	112,076,215	351,697,300	626,292,546
1952.....	330	36,628	130,027,457	377,637,512	646,949,316 <sup>2</sup>
1953.....	338	37,514	140,481,193	402,209,586	682,273,319 <sup>2</sup>
<b>Winnipeg:</b>					
1939.....	648	17,571	20,717,273	44,873,043	81,024,272
1944.....	686	25,870	38,824,299	119,917,745	198,169,626
1946.....	756	26,730	42,354,650	121,531,306	206,381,007
1947.....	779	27,651	47,728,392	130,721,062	228,028,346
1948.....	765	27,906	54,379,965	157,379,778	264,022,796
1949.....	860	28,687	58,604,162	143,827,270	255,006,806
1950.....	855	27,804	58,991,267	142,486,939	261,781,262
1951.....	849	27,704	65,741,785	167,583,852	292,496,767
1952.....	843	28,162	70,744,396	160,844,930	296,263,701 <sup>2</sup>
1953.....	860	28,230	76,008,218	156,860,845	300,186,774 <sup>2</sup>
<b>Vancouver:</b>					
1939.....	829	17,957	22,382,192	56,565,511	101,267,243
1944.....	933	43,473	79,141,407	142,416,371	289,390,718
1946.....	1,071	31,408	55,960,984	138,045,068	270,165,166
1947.....	1,127	33,119	65,363,332	174,822,180	313,964,785
1948.....	1,136	33,815	75,300,519	211,726,521	360,749,092
1949.....	1,225	33,536	78,793,345	204,642,985	358,620,526
1950.....	1,219	34,411	85,542,771	234,053,078	409,347,342
1951.....	1,255	34,376	96,222,111	270,748,863	461,594,390
1952.....	1,275	33,296	102,163,999	248,964,894	437,663,057 <sup>2</sup>
1953.....	1,316	33,822	108,896,725	255,906,780	448,591,543 <sup>2</sup>

1. Net value is derived from gross value by deducting cost of materials, fuel and electricity. For cost of fuel and electricity in 1953 see Table 18.  
 2. Since 1952 the basis of collection was "Selling Value of Factory Shipments" instead of "Gross Value of Products".



**TABLE 17. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1953**

	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Montreal Metropolitan Area</b>						
Under 5 employees .....	1,298	3,186	6,646,594	297,537	17,863,980	33,271,066
5 to 14 employees .....	1,458	12,387	29,095,288	1,051,387	65,107,483	125,429,660
15 " 49 " .....	1,311	36,005	85,468,032	2,953,605	178,016,549	342,418,421
50 " 99 " .....	414	28,291	68,608,385	2,485,224	152,847,745	290,172,027
100 " 199 " .....	206	28,364	71,643,058	2,824,980	176,976,955	324,790,068
200 " 499 " .....	130	39,428	114,309,989	9,375,019	267,837,100	508,746,786
500 " 999 " .....	45	30,137	97,827,544	15,531,993	396,766,692	646,301,893
1,000 " 1,499 " .....	13	14,975	50,693,380	3,205,916	147,484,876	262,053,352
1,500 and over .....	14	52,321	185,449,251	4,990,397	247,842,204	451,095,563
Not classifiable .....	114	—	340	130	2,336,628	100,803,304
Head Offices <sup>1</sup> .....	—	6,131	27,693,290	—	—	—
<b>Totals .....</b>	<b>5,003</b>	<b>251,225</b>	<b>737,435,151</b>	<b>42,716,188</b>	<b>1,653,080,212</b>	<b>3,085,082,140</b>
<b>Toronto Metropolitan Area</b>						
Under 5 employees .....	1,224	2,949	6,243,934	335,301	10,681,155	22,710,877
5 to 14 employees .....	1,358	11,867	30,526,481	1,187,347	51,839,859	106,867,160
15 " 49 " .....	1,140	30,986	86,125,684	3,275,308	173,082,272	337,839,277
50 " 99 " .....	356	24,844	71,011,582	3,382,740	162,650,715	308,250,429
100 " 199 " .....	196	27,790	83,892,224	4,485,879	195,726,823	370,180,673
200 " 499 " .....	118	36,783	116,860,642	5,120,274	240,309,380	493,622,449
500 " 999 " .....	35	24,623	83,164,679	4,065,384	118,816,810	284,751,106
1,000 " 1,499 " .....	9	10,595	39,576,778	2,104,788	95,095,593	168,726,842
1,500 and over .....	14	30,696	109,053,604	3,707,371	249,910,563	458,863,334
Not classifiable .....	120	—	1,625	49,037	1,207,859	2,076,718
Head Offices <sup>1</sup> .....	—	4,424	21,869,815	—	—	—
<b>Totals .....</b>	<b>4,570</b>	<b>205,557</b>	<b>648,327,048</b>	<b>27,713,429</b>	<b>1,299,321,029</b>	<b>2,553,888,865</b>
<b>Hamilton Metropolitan Area</b>						
Under 5 employees .....	186	454	901,756	68,726	1,511,517	3,113,741
5 to 14 employees .....	180	1,539	4,054,189	371,521	6,015,364	13,529,926
15 " 49 " .....	122	3,278	9,843,616	619,341	20,205,773	39,882,884
50 " 99 " .....	60	4,127	12,048,145	740,714	26,408,079	52,150,246
100 " 199 " .....	42	6,133	17,567,584	1,109,041	53,894,958	92,027,646
200 " 499 " .....	43	13,936	44,111,444	3,512,564	97,732,257	196,247,481
500 " 999 " .....	5	4,034	12,806,097	1,147,748	25,748,529	45,717,904
1,000 " 1,499 " .....	2	—	—	—	—	—
1,500 and over .....	6	29,768	108,402,306	15,450,278	90,918,854	400,560,615
Not classifiable .....	17	—	931	719	78,922,699	12,386,119
Head Offices <sup>1</sup> .....	—	274	837,376	—	—	—
<b>Totals .....</b>	<b>663</b>	<b>63,543</b>	<b>210,573,444</b>	<b>23,020,652</b>	<b>401,358,030</b>	<b>855,616,562</b>
<b>Windsor Metropolitan Area</b>						
Under 5 employees .....	120	261	535,405	39,611	854,691	2,131,990
5 to 14 employees .....	97	847	2,271,132	145,428	3,674,677	7,922,048
15 " 49 " .....	65	1,767	5,345,143	362,088	8,039,201	19,753,189
50 " 99 " .....	29	1,997	6,770,643	371,935	14,046,632	26,475,081
100 " 199 " .....	21	2,965	10,304,895	812,775	17,969,957	41,528,527
200 " 499 " .....	22	6,639	22,898,044	1,941,590	45,042,490	96,358,478
500 " 999 " .....	7	—	—	—	—	—
1,000 " 1,499 " .....	1	23,805	94,407,978	4,061,403	318,766,440	499,029,922
1,500 and over .....	2	—	—	—	—	—
Not classifiable .....	5	—	1,040	300	11,972	15,790
Head Offices <sup>1</sup> .....	—	40	176,269	—	—	—
<b>Totals .....</b>	<b>369</b>	<b>38,321</b>	<b>142,710,549</b>	<b>7,735,130</b>	<b>408,406,060</b>	<b>693,215,025</b>
<b>Winnipeg Metropolitan Area</b>						
Under 5 employees .....	324	784	1,470,020	96,747	2,745,044	5,532,154
5 to 14 employees .....	267	2,297	5,412,103	347,445	16,348,840	26,422,898
15 " 49 " .....	203	5,532	13,478,325	664,058	36,764,459	63,787,838
50 " 99 " .....	100	6,739	17,859,970	1,081,166	52,856,217	91,163,484
100 " 199 " .....	71	14,131	40,485,813	2,853,747	137,347,653	228,977,118
200 " 499 " .....	1	—	—	—	—	—
500 " 999 " .....	2	8,794	27,556,941	777,926	55,515,873	89,101,092
1,000 " 1,499 " .....	3	—	—	—	—	—
1,500 and over .....	47	—	—	—	328,999	453,421
Not classifiable .....	—	172	747,936	—	—	—
Head Offices <sup>1</sup> .....	—	—	—	—	—	—
<b>Totals .....</b>	<b>1,018</b>	<b>38,449</b>	<b>107,011,108</b>	<b>5,821,089</b>	<b>301,907,085</b>	<b>505,438,005</b>
<b>Vancouver Metropolitan Area</b>						
Under 5 employees .....	576	1,405	2,749,832	174,522	4,764,842	9,982,342
5 to 14 employees .....	516	4,238	11,437,423	636,885	21,242,583	41,021,273
15 " 49 " .....	327	8,655	26,968,031	1,396,565	59,568,122	107,436,902
50 " 99 " .....	113	7,597	23,993,529	1,627,722	65,673,569	117,643,338
100 " 199 " .....	54	7,634	25,176,226	1,583,559	74,159,484	130,393,029
200 " 499 " .....	28	8,299	28,204,774	2,440,865	101,020,382	157,006,360
500 " 999 " .....	11	—	—	—	—	—
1,000 " 1,499 " .....	2	10,492	37,080,205	1,084,908	57,770,096	140,764,945
1,500 and over .....	54	—	390	540	169,610	290,204
Not classifiable .....	—	1,212	6,017,844	—	—	—
Head Offices <sup>1</sup> .....	—	49,532	161,628,254	8,945,566	384,368,688	704,538,393

1. Under this heading are included only those head offices that are not located at the plant.

**TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of \$1,000,000 or Over, and with Three or More Establishments, 1953**

Note. Statistics for cities and towns with three or more establishments cannot be published when one establishment has 75 p.c. or two establishments 90 p.c. of the total Value of Shipments.

Municipality	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Newfoundland:						
Harbour Grace .....	6	170	224,051	28,482	501,367	1,084,850
St. John's .....	105	2,639	5,888,327	479,753	11,246,824	24,389,280
Prince Edward Island:						
Charlottetown .....	32	654	1,568,373	161,103	7,419,640	10,649,994
Souris .....	6	166	273,214	43,037	916,376	1,320,260
Summerside .....	20	294	506,636	47,230	2,959,107	3,866,221
Nova Scotia:						
Amherst .....	24	1,026	2,300,941	355,831	5,238,256	8,956,379
Berwick .....	9	156	338,655	60,691	1,630,032	2,483,221
Bridgetown .....	9	154	280,640	26,067	555,658	1,223,124
Bridgewater .....	19	200	388,558	27,448	961,945	1,774,278
Clark's Harbour .....	7	83	100,910	6,643	883,727	1,167,738
Dartmouth .....	15	222	510,168	54,895	902,371	2,112,855
Digby .....	12	161	256,997	17,679	1,020,686	1,479,372
Glace Bay .....	18	227	341,679	54,795	830,463	1,418,603
Halifax .....	142	6,343	16,149,616	923,880	28,631,138	60,508,551
Hantsport .....	5	375	901,934	146,255	2,030,156	3,756,733
Liverpool .....	7	301	712,136	41,345	934,651	1,963,743
Lockeport .....	3	245	352,310	34,663	782,930	1,613,864
Louisburg .....	6	280	498,025	45,790	1,077,397	1,785,094
Lunenburg .....	15	747	1,722,699	106,672	3,322,929	5,725,629
Middleton .....	8	157	239,008	40,844	973,757	1,537,931
New Glasgow .....	32	1,047	2,480,687	342,915	3,996,681	8,669,267
North Sydney .....	14	288	593,061	42,128	1,225,439	2,415,832
Pictou .....	10	637	1,591,225	58,896	1,913,348	4,305,626
Shelburne .....	17	174	340,895	20,331	798,496	1,341,430
Stellarton .....	11	101	192,282	22,461	650,967	1,061,472
Sydney .....	42	6,027	19,179,464	4,703,665	33,840,482	62,660,190
Trenton .....	7	1,933	5,474,514	622,414	17,660,995	28,656,636
Truro .....	50	1,221	2,226,512	217,085	6,577,795	10,616,668
Windsor .....	13	309	550,738	50,680	2,111,417	2,711,991
Yarmouth .....	25	700	1,424,028	134,440	3,741,422	6,323,350
New Brunswick:						
Campbellton .....	13	182	394,093	45,814	692,397	1,460,859
Fredericton .....	43	937	1,853,557	132,220	3,613,416	6,802,404
Grand Falls .....	16	172	309,995	36,696	546,568	1,016,822
Lancaster .....	9	713	2,096,388	543,213	5,336,997	12,041,170
Moncton .....	47	3,355	9,905,427	578,236	21,543,185	36,918,064
St. Andrews .....	6	79	159,732	25,984	1,344,914	1,780,411
Saint John .....	114	4,714	11,422,986	1,306,043	43,355,518	71,692,506
St. Stephen .....	16	539	1,008,440	72,342	2,542,968	4,595,277
Shippegan .....	9	221	224,717	13,657	687,888	1,043,745
Sussex .....	15	313	630,987	60,844	2,382,159	3,876,037
Woodstock .....	15	124	240,236	41,449	915,058	1,373,730
Quebec:						
Acton Vale .....	14	926	1,876,492	56,539	3,072,544	5,850,701
Amos .....	15	130	250,600	32,148	712,815	1,192,685
Amqui .....	17	165	354,869	25,569	875,011	1,742,802
Beauceville E. ....	10	149	278,875	8,699	454,678	1,013,354
Beauharnois .....	16	1,640	5,484,452	3,770,993	11,640,928	27,300,411
Beauport .....	15	225	465,003	42,262	826,207	1,712,895
Bedford .....	10	576	1,228,264	34,927	1,128,117	3,189,607
Beebe Plain .....	8	262	378,252	7,235	897,012	1,534,082
Berthierville .....	16	684	1,499,422	149,658	3,222,756	6,295,229
Cabano .....	11	197	507,914	16,074	1,000,817	1,958,580
Cap-de-la-Madeleine .....	37	2,407	6,283,138	1,457,912	21,999,220	45,358,368
Chambly-Bassin .....	8	110	191,894	12,487	646,084	1,074,344
Chicoutimi .....	39	580	1,182,427	97,219	2,559,505	4,723,772
Coaticook .....	23	1,073	2,306,767	120,112	5,146,763	8,692,124
Contrecoeur .....	11	304	516,182	13,629	745,203	1,450,635
Danville .....	11	148	264,766	51,619	694,466	1,204,186
Delson .....	4	518	1,678,920	724,880	3,057,966	7,784,510
Disraeli .....	10	223	280,084	16,957	692,976	1,241,303
Drummondville .....	49	6,772	17,985,979	1,481,358	26,474,346	62,269,231
Farnham .....	21	1,149	2,645,420	179,515	5,102,403	10,343,214
Forestville .....	4	49	148,171	11,286	295,574	1,170,354
Fort Chambly .....	6	410	1,107,437	66,098	1,590,705	3,230,114
Giffard .....	11	168	347,561	32,512	1,027,193	1,643,716
Granby .....	90	5,492	13,592,861	791,364	28,646,141	55,511,311
Grand'Mère .....	30	2,359	6,230,116	1,522,536	14,063,203	30,031,548
Henryville .....	7	98	168,244	47,068	1,251,041	1,635,382
Hull .....	60	4,067	12,166,610	2,104,206	26,827,601	51,957,705
Huntingdon .....	14	584	1,644,671	156,659	6,409,006	9,330,835
Iberville .....	35	451	1,022,869	59,863	1,473,027	3,422,949
Joliette .....	60	2,177	4,858,746	530,428	8,226,045	17,641,973
Lachine .....	71	9,335	32,902,127	1,188,341	39,104,650	106,709,804
Lachute .....	15	249	656,254	142,472	1,501,161	2,728,130
La Pêrade .....	14	265	475,356	101,206	2,193,185	3,055,623
Laprairie .....	18	398	951,381	187,007	978,445	3,138,209
Lasalle .....	40	4,353	13,669,654	2,813,926	51,420,999	99,719,459
L'Assomption .....	16	651	1,663,250	103,046	2,634,196	5,148,342

TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of \$1,000,000 or Over, and with Three or More Establishments, 1953 - Continued

Municipality	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost of plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Quebec - Concluded:						
Lennoxville .....	12	304	922,007	147,520	1,847,026	3,720,305
L'Epiphanie .....	16	272	613,054	46,821	1,242,458	2,271,459
Lévis .....	38	498	1,042,670	76,636	2,480,560	4,628,562
Longueuil .....	33	3,500	10,377,769	455,864	12,964,753	31,337,553
Loretteville .....	25	619	978,796	29,831	1,790,801	3,491,655
Maniwaki .....	13	118	239,806	10,420	777,096	1,273,640
Mariville .....	20	602	1,201,565	75,467	3,390,693	5,564,068
Maskinongé .....	8	90	130,622	15,884	711,110	1,087,711
Matane .....	23	358	795,395	49,417	1,662,533	3,395,608
Mégantic .....	23	551	1,084,798	93,556	1,905,810	3,823,653
Mont-Laurier .....	16	271	569,287	27,264	1,157,562	2,200,539
Montmagny .....	40	1,452	3,105,569	186,180	5,617,569	11,476,247
Montréal .....	4,398	193,129	544,284,191	18,428,249	1,067,911,378	2,042,662,785
Montréal East .....	32	5,978	22,241,766	14,609,000	315,804,741	425,407,273
Mont-Royal .....	25	3,135	10,463,005	291,794	17,875,054	37,126,370
Napierville .....	11	116	186,471	18,734	813,240	1,108,703
Nicolet .....	16	366	686,059	59,192	1,492,664	2,691,838
Notre-Dame-de-Portneuf .....	14	521	1,175,273	297,058	3,255,477	5,297,167
Outremont .....	50	2,233	5,955,607	148,999	10,702,953	22,544,451
Plessisville .....	25	890	2,071,331	89,004	3,105,293	6,245,407
Pointe-aux-Trembles .....	10	252	532,164	30,061	1,054,346	2,216,084
Pont-Viau .....	9	204	401,494	26,469	603,461	1,237,574
Princeville .....	16	456	933,923	91,519	5,103,939	8,302,921
Québec .....	437	16,846	40,543,039	5,077,793	92,517,183	177,238,532
Rawdon .....	12	90	174,003	19,200	655,448	1,028,484
Richmond .....	15	569	1,269,025	40,778	1,733,825	4,454,860
Rimouski .....	32	392	1,008,750	40,464	1,781,345	3,773,067
Rivière-du-Loup .....	24	223	404,786	38,709	947,542	1,637,402
Rock Island .....	14	722	1,915,287	66,392	1,500,635	5,462,096
Rouyn .....	21	188	440,474	51,601	1,077,832	2,139,702
Senneterre .....	10	132	288,570	23,175	570,075	1,111,838
Shawinigan Falls .....	49	5,870	19,311,663	9,448,061	48,668,868	114,595,806
Shawville .....	10	90	181,105	29,718	1,027,140	1,415,269
Sherbrooke .....	110	8,065	19,399,620	1,283,884	36,882,134	77,889,867
Sorel .....	34	2,093	5,825,163	2,713,646	6,196,137	14,340,002
Sutton .....	9	151	243,102	38,867	972,015	1,374,319
St-Agathe-des-Monts .....	17	123	276,880	29,043	538,621	1,000,776
St-Anselme .....	10	86	186,781	18,682	1,288,192	1,646,117
St-Casimir .....	17	126	208,059	20,133	624,992	1,000,172
St-Césaire .....	26	332	514,728	45,990	1,704,136	2,559,498
St-Eustache .....	13	110	200,868	22,943	906,645	1,403,931
St-Félicien .....	20	220	474,074	29,493	1,884,745	2,961,941
St-Gabriel-de-Brandon .....	26	542	867,664	25,903	1,098,536	2,203,774
St-Georges (Beauce Co.) .....	14	349	702,240	60,451	1,070,214	2,245,525
St-Hyacinthe .....	81	4,555	9,605,404	531,143	23,841,928	41,774,175
St-Jacques .....	10	176	250,546	13,625	960,744	1,279,322
St-Jean (St-Johns) .....	71	5,290	14,997,694	1,009,628	22,850,238	46,940,540
St-Jerome (Terrebonne Co.) .....	58	3,584	8,210,703	529,369	13,051,241	27,630,127
St-Joseph (Beauce Co.) .....	14	228	377,900	24,964	619,299	1,311,603
St-Lambert .....	16	658	1,745,103	73,171	3,300,567	6,552,055
St-Laurent .....	54	16,697	59,119,047	1,470,248	76,323,353	185,072,874
St-Leonard-d'Aston .....	8	165	270,334	22,460	914,239	1,397,137
St-Marie (Beauce Co.) .....	20	862	1,804,605	140,930	4,255,036	8,779,005
St-Michel (de Laval) .....	48	612	1,464,206	86,272	2,379,323	5,132,072
St-Pie .....	14	198	356,537	41,255	1,399,070	2,092,609
St-Raymond .....	16	228	259,619	15,960	659,024	1,200,397
St-Rémi .....	12	294	565,990	49,979	2,782,835	4,353,067
St-Rose .....	10	240	484,980	28,348	1,135,169	2,132,701
St-Thécle .....	10	124	239,931	11,666	620,779	1,079,272
St-Thérèse (de Blainville) .....	36	1,059	2,100,728	92,844	3,613,128	7,343,219
St-Tite .....	23	380	567,766	21,190	1,396,803	2,564,184
Terrebonne .....	20	756	1,758,638	69,556	2,664,127	5,539,210
Thetford Mines .....	38	517	1,089,125	93,773	1,161,740	3,129,077
Thurso .....	10	376	940,223	19,825	1,940,345	3,063,054
Trois-Pistoles .....	18	187	377,657	28,326	2,130,346	2,908,789
Trois-Rivières .....	97	7,364	22,156,904	6,614,100	47,395,024	110,819,751
Val-d'Or .....	22	236	494,253	51,548	1,119,130	2,172,427
Valleyfield .....	41	3,727	9,151,939	701,529	16,581,433	30,797,372
Verchères .....	17	128	278,838	63,090	1,583,333	2,335,513
Verdun .....	74	1,783	3,861,285	112,921	8,219,383	15,721,739
Victoriaville .....	56	3,054	6,470,493	181,205	11,117,417	21,546,727
Warwick .....	15	415	871,666	79,066	2,363,518	4,113,475
Waterloo .....	20	776	1,810,933	88,471	3,099,230	6,107,996
Westmount .....	30	1,993	5,884,634	370,916	6,418,890	18,122,871
Ontario:						
Acton .....	20	1,023	2,648,744	294,897	6,368,405	10,822,122
Alexandria .....	11	216	326,713	23,694	722,650	1,258,713
Almonte .....	12	248	589,910	118,270	3,160,373	4,259,570
Amherstburg .....	14	1,067	3,577,852	1,863,898	5,015,796	18,023,571
Arnprior .....	14	669	1,795,626	112,539	2,586,983	5,924,084
Aurora .....	15	681	1,734,995	80,460	4,525,524	7,426,923
Ayr .....	8	98	191,575	18,258	1,268,238	2,051,367
Barrie .....	31	1,007	2,758,271	177,536	8,927,720	15,687,559
Barry's Bay .....	14	135	331,248	9,327	469,727	1,101,313
Beamsville .....	12	203	402,739	34,455	665,052	1,422,021
Belleville .....	64	2,441	10,359,988	2,220,530	17,267,674	45,610,306

TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of \$1,000,000 or Over, and with Three or More Establishments, 1953 - Continued

Municipality	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Ontario—Continued:						
Bloomfield	8	142	240,528	24,424	1,041,808	1,607,460
Blyth	5	42	97,399	19,161	1,019,626	1,333,210
Bowmanville	16	896	2,819,641	186,463	4,312,543	11,497,096
Brampton	34	1,259	3,463,409	222,986	5,762,528	12,125,029
Brantford	162	11,496	37,455,534	1,784,334	59,230,887	132,655,623
Brighton	13	250	537,849	27,865	1,858,274	3,061,862
Brockville	40	1,314	3,363,757	243,807	6,890,602	13,957,099
Burlington	25	866	2,501,492	128,512	6,377,082	11,117,131
Caledonia	11	483	1,072,578	407,883	3,412,067	6,386,477
Campbellford	19	342	815,820	72,150	2,576,662	3,594,778
Carleton Place	12	612	1,502,201	79,498	2,093,961	4,181,279
Casselman	8	94	174,502	29,416	844,240	1,103,897
Chatham	82	4,107	13,561,834	946,337	68,936,650	102,487,820
Chesley	14	337	699,581	31,249	1,263,287	2,294,080
Clinton	10	176	353,268	21,432	625,580	1,174,179
Cobourg	30	957	2,702,979	211,838	4,467,698	10,357,543
Collingwood	19	1,103	3,086,841	122,162	3,367,752	7,710,388
Cornwall	55	6,923	18,943,525	3,787,676	29,048,947	71,004,675
Deseronto	7	274	492,701	32,813	744,281	1,462,130
Dresden	10	137	275,072	64,283	934,016	1,905,696
Dundas	36	1,516	4,836,551	262,593	5,273,290	12,914,694
Dunnville	21	1,188	2,728,652	141,718	5,527,326	9,297,896
Durham	10	226	482,456	44,924	760,050	1,336,440
Eastview	27	418	1,217,231	85,819	4,976,101	7,227,628
Eganville	11	134	299,532	42,682	897,142	1,541,125
Elmira	22	600	1,675,816	180,447	4,242,441	7,381,583
Elora	6	338	795,339	34,603	944,104	2,071,743
Essex	15	315	722,019	77,658	1,790,629	3,262,132
Forest	11	188	345,776	38,056	788,707	1,595,474
Fort Erie	27	1,908	6,313,542	97,695	6,312,909	18,710,695
Fort William	60	4,333	14,909,533	2,577,708	26,850,555	67,742,167
Galt	96	6,854	19,634,682	875,720	30,487,564	65,770,345
Gananoque	19	925	2,660,680	242,280	4,849,424	9,652,894
Georgetown	17	1,164	3,504,477	204,006	6,701,837	12,190,331
Glencoe	7	114	263,376	9,632	432,543	1,099,293
Goderich	20	722	1,939,984	234,510	3,516,374	7,477,484
Gravenhurst	8	254	627,264	24,276	1,014,043	2,334,709
Grimsby	13	442	914,603	65,549	1,765,972	3,872,572
Guelph	116	6,222	17,767,387	1,044,679	32,422,335	63,605,582
Hamilton	566	60,451	201,515,979	22,408,131	385,515,852	824,407,315
Hanover	22	962	2,604,835	84,290	4,127,776	8,224,588
Harriston	15	218	449,794	55,566	1,730,928	2,615,386
Harrow	9	90	184,922	25,984	799,284	1,226,866
Havelock	8	66	150,660	38,710	548,209	1,294,346
Hearst	8	204	535,473	18,048	1,107,533	2,061,403
Hespeler	18	1,719	4,682,430	460,371	5,543,777	14,112,882
Huntsville	18	434	1,035,338	69,320	2,860,548	4,329,255
Ingersoll	23	1,297	3,602,358	243,114	9,408,797	15,613,652
Kemptville	9	89	209,875	68,567	867,812	1,578,739
Kincardine	12	411	801,484	50,094	1,397,070	2,469,058
Kingston	71	3,650	10,572,925	731,070	25,163,410	50,106,402
Kitchener	204	15,621	45,095,502	1,996,777	95,039,067	193,982,647
Leamington	18	1,119	3,312,904	347,079	12,714,396	27,033,037
Leaside	59	11,136	36,905,616	1,575,974	66,627,094	144,685,122
Lindsay	38	1,770	4,261,536	362,171	6,268,223	15,371,050
Listowel	11	345	745,201	65,793	1,505,804	2,812,272
London	297	16,858	49,681,073	2,443,525	89,926,714	199,098,535
Long Branch	29	2,242	6,717,025	262,536	11,294,753	23,551,809
Lucknow	7	53	107,759	14,647	1,059,302	1,403,422
Mattawa	4	171	386,695	20,388	503,860	1,058,192
Meaford	18	494	1,138,485	85,033	2,117,529	4,040,612
Merriton	15	2,088	7,821,923	1,082,579	13,940,913	27,572,876
Midland	22	1,235	3,429,266	105,773	9,359,835	14,391,140
Mildmay	11	119	232,041	13,107	751,134	1,141,975
Milton	14	716	1,888,031	389,389	2,130,072	7,552,882
Milverton	11	225	510,401	23,943	903,624	1,641,322
Mimico	33	653	2,025,896	170,007	3,060,968	7,298,334
Mitchell	13	125	231,258	60,500	1,548,188	2,207,852
Mount Forest	13	206	356,189	33,258	837,503	1,445,941
Napanee	15	390	1,045,918	99,712	2,387,001	4,323,927
Newcastle	4	247	585,630	9,723	449,514	1,209,726
New Hamburg	14	407	880,017	38,979	1,270,560	2,924,107
New Liskeard	14	617	1,268,936	55,695	2,605,242	4,771,423
Newmarket	23	996	2,695,175	152,207	4,868,473	10,870,839
New Toronto	52	7,274	26,173,029	2,016,523	83,340,725	156,528,551
Niagara Falls	85	7,021	23,603,219	7,041,632	43,487,470	111,167,258
North Bay	33	603	1,662,949	130,548	2,383,763	5,461,170
Norwich	9	93	163,782	26,195	761,133	1,254,581
Orangeville	13	135	278,963	30,416	864,333	1,329,039
Orillia	60	2,183	5,869,675	352,704	6,225,278	16,166,078
Ottawa	288	10,466	29,663,123	1,917,322	45,683,141	103,001,769
Owen Sound	50	2,640	7,233,429	304,203	8,100,261	20,294,538
Paris	24	1,369	3,597,816	144,002	6,377,745	10,825,324
Pembroke	35	1,530	3,768,360	166,898	6,861,634	13,031,830
Penetanguishene	11	537	1,118,682	61,848	1,613,663	3,434,528
Perth	28	924	2,090,599	108,462	5,079,739	9,846,176
Peterborough	103	10,062	32,621,860	1,439,994	61,640,361	119,421,390
Petrolia	13	172	434,231	62,569	1,347,682	2,088,291
Pictou	16	189	313,344	31,645	921,180	1,433,804



TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of \$1,000,000 or Over and with Three or More Establishments, 1953 - Continued

Municipality	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Ontario - Concluded:						
Port Arthur .....	59	3,016	10,068,138	1,812,355	21,615,074	46,967,678
Port Credit .....	18	1,279	3,858,626	513,155	22,576,163	36,081,430
Port Dalhousie .....	3	232	650,133	12,703	614,380	1,591,051
Port Dover .....	8	109	176,193	14,987	762,077	1,095,350
Port Elgin .....	8	186	347,103	19,711	629,378	1,133,955
Port Hope .....	27	1,060	3,592,314	254,397	4,305,421	12,131,423
Prescott .....	20	945	1,940,635	61,317	4,392,853	7,483,526
Preston .....	36	2,863	7,743,653	284,167	9,113,004	22,137,358
Renfrew .....	31	1,541	3,772,813	265,995	6,336,503	12,300,457
Ridgeway .....	12	170	430,551	22,208	1,009,940	1,718,876
Riverside .....	8	137	399,403	35,728	866,668	1,507,145
St. Catharines .....	112	12,545	41,343,163	2,195,027	65,771,626	142,193,177
St. Mary's .....	13	555	1,682,657	1,261,994	4,580,548	11,656,932
St. Thomas .....	50	2,385	6,662,360	378,879	9,801,244	23,806,239
Sarnia .....	51	8,220	30,791,081	13,936,684	124,294,962	213,783,060
Sault Ste. Marie .....	60	9,006	33,375,207	7,224,780	65,835,950	127,560,529
Seaford .....	11	272	555,561	32,020	829,843	1,881,421
Simcoe .....	31	1,309	3,592,363	226,199	22,878,268	31,836,268
Sioux Lookout .....	8	157	347,231	27,262	1,472,515	2,074,205
Smith's Falls .....	23	889	2,501,170	133,323	3,807,751	7,940,569
Southampton .....	5	341	861,688	30,730	1,486,346	2,743,673
Stirling .....	9	81	180,430	8,854	672,208	1,014,365
Stratford .....	70	3,622	9,866,086	433,356	16,136,857	30,364,579
Strathroy .....	20	395	788,755	46,475	1,926,537	3,283,000
Streetsville .....	13	421	1,246,601	163,366	4,812,071	7,509,723
Sudbury .....	56	1,123	3,221,655	320,214	8,056,968	15,141,606
Swansea .....	13	740	2,462,690	271,086	4,879,410	10,385,227
Tavistock (Oxford Co.) .....	7	156	323,309	28,082	1,961,574	2,466,136
Thorold .....	24	2,733	11,013,040	3,324,332	22,954,692	45,579,113
Tilbury (Essex Co.) .....	6	164	368,473	57,850	770,419	1,273,399
Tilbury (Kent Co.) .....	8	828	2,596,002	149,567	2,949,298	4,729,320
Tillsonburg .....	29	981	2,185,075	249,147	10,131,649	13,757,944
Timmins .....	27	643	1,493,654	113,076	2,970,644	5,844,702
Toronto .....	3,781	154,251	478,086,271	18,968,416	980,875,747	1,875,747,249
Trenton .....	31	1,395	3,721,900	502,440	8,912,731	17,257,283
Tweed .....	12	197	400,790	21,452	929,488	1,716,156
Uxbridge .....	13	142	325,646	26,671	742,726	1,688,573
Walkerton .....	14	446	1,046,104	35,610	1,217,953	2,784,492
Wallaceburg .....	28	2,401	7,412,060	1,101,487	8,293,129	20,818,385
Waterford .....	6	174	302,115	15,558	924,105	1,389,940
Waterloo .....	58	2,759	8,198,291	435,233	13,208,360	38,317,611
Welland .....	63	8,118	30,235,471	5,172,240	51,494,839	113,854,730
Wellington .....	8	130	250,117	55,486	1,232,250	1,602,589
West Lorne .....	7	237	514,491	28,585	1,199,567	2,208,039
Weston .....	64	3,472	10,805,328	668,523	19,874,581	42,860,494
Whitby .....	12	295	546,103	39,089	925,996	2,039,774
Winchester .....	7	70	144,747	21,265	1,341,655	1,942,242
Windsor .....	338	37,514	140,481,193	7,559,592	402,209,586	682,273,319
Wingham .....	16	358	773,257	57,368	1,905,549	3,091,518
Woodstock .....	57	4,273	12,153,112	505,157	29,502,679	52,765,577
Manitoba:						
Brandon .....	39	815	2,367,799	257,863	9,559,669	14,130,407
Dauphin .....	17	113	234,325	32,694	842,396	1,327,198
Morden .....	10	132	312,229	50,076	521,985	1,324,725
Neepawa .....	7	110	284,984	84,909	675,069	1,225,353
Portage-la-Prairie .....	16	254	472,856	30,008	1,072,643	1,920,926
St. Boniface .....	91	4,511	13,963,131	1,128,044	103,964,841	134,377,531
Selkirk .....	11	973	3,165,949	617,557	3,337,156	10,095,480
Transcona .....	7	2,647	8,582,430	316,689	14,793,392	25,766,894
Winnipeg .....	860	28,230	76,008,218	3,266,587	156,860,845	300,186,774
Saskatchewan:						
Melville .....	9	55	107,002	24,968	996,706	1,295,691
Moose Jaw .....	46	1,178	3,610,680	1,052,550	31,010,417	43,609,897
North Battleford .....	13	168	386,454	49,223	1,017,748	1,849,828
Prince Albert .....	33	991	2,809,194	201,006	12,724,703	20,102,395
Regina .....	132	3,162	9,945,708	1,604,048	45,258,052	71,866,016
Saskatoon .....	115	3,001	8,755,636	855,035	46,025,421	68,991,938
Swift Current .....	14	200	570,005	72,786	1,863,690	3,109,168
Yorkton .....	17	155	406,092	67,047	1,485,483	2,619,839
Alberta:						
Athabasca .....	26	132	209,183	23,876	821,538	1,281,690
Barrhead .....	16	113	233,495	18,202	1,413,142	1,798,851
Blairmore .....	9	146	353,049	19,464	546,652	1,182,590
Calgary .....	313	9,099	27,821,220	1,678,547	96,964,685	152,310,936
Camrose .....	12	83	208,141	13,450	759,113	1,133,863
Edmonton .....	334	11,437	34,278,714	2,377,855	122,361,359	188,602,471
Edson .....	27	159	279,855	21,351	580,120	1,144,340
Grande-Prairie .....	26	343	762,321	48,296	1,639,214	3,105,247
Lethbridge .....	51	1,125	3,037,710	201,263	7,393,172	14,987,354
Lloydminster .....	9	248	727,113	229,776	5,400,076	9,383,103
Medicine Hat .....	38	1,130	2,619,776	155,290	16,346,328	20,959,202
Red Deer .....	17	190	485,540	43,153	2,258,699	3,659,825
Rocky Mountain House .....	33	218	403,707	39,535	1,998,816	2,909,641
Wetaskiwin .....	10	74	180,167	13,928	1,030,038	1,321,315

**TABLE 18. Statistics of Manufactures of Municipality, each with Selling Value of Factory Shipments of \$1,000,000 or Over, and with Three or More Establishments, 1953 — Concluded**

Municipality	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>British Columbia:</b>						
Burns Lake.....	25	251	547,539	45,415	1,681,754	2,843,568
Chilliwack.....	22	267	608,988	64,905	1,674,102	2,940,356
Cranbrook.....	31	403	1,165,916	117,826	1,912,213	3,970,569
Dawson Creek.....	31	267	607,902	55,257	2,015,362	3,098,208
Duncan.....	21	194	515,814	43,881	975,004	1,743,338
Fernie.....	9	165	406,383	46,292	809,452	1,857,094
Kamloops.....	38	465	1,244,563	85,496	2,418,885	4,659,165
Kelowna.....	39	667	1,761,383	86,757	3,720,475	7,202,050
Merritt.....	7	182	547,624	25,520	993,007	2,173,320
Mission City.....	21	447	1,068,844	76,360	3,410,482	5,342,937
Nanaimo.....	24	376	1,199,556	91,007	2,070,763	4,311,169
Nelson.....	28	598	1,512,864	116,197	3,661,428	6,862,188
New Westminster.....	125	6,382	20,429,568	1,283,140	58,526,637	111,470,580
North Vancouver.....	58	2,205	8,430,582	365,325	11,116,092	28,955,571
Oliver.....	10	188	466,589	31,649	900,156	1,812,681
Penticton.....	27	418	982,639	54,298	1,767,720	3,552,866
Port Alberni.....	19	2,567	8,687,076	276,768	16,695,764	35,732,898
Port Moody.....	6	561	1,864,037	14,775	3,340,763	6,651,394
Prince George.....	139	1,384	4,207,499	360,918	11,435,010	18,832,234
Prince Rupert.....	23	407	1,208,968	96,798	2,217,491	3,706,180
Quesnel.....	111	983	2,587,353	231,852	5,108,714	10,452,579
Revelstoke.....	21	151	361,586	43,552	668,449	1,415,094
Salmon Arm.....	10	107	221,538	18,939	868,141	1,430,264
Smithers.....	25	146	289,151	26,299	1,043,888	1,693,195
Trail.....	18	175	458,994	31,445	444,349	1,128,856
Vancouver.....	1,316	33,822	108,896,725	5,448,266	255,906,780	448,591,543
Vanderhoof.....	27	145	304,023	31,898	761,487	1,770,470
Vernon.....	45	396	1,055,307	74,349	2,001,859	3,828,173
Victoria.....	219	4,902	15,429,738	781,918	26,505,004	56,676,733
Williams Lake.....	35	202	443,759	31,675	1,483,630	2,519,182

**TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1953**

County and Census Division	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Newfoundland:</b>						
Division No. 1.....	204	3,561	7,334,608	635,842	14,039,328	29,674,564
Division No. 2.....	22	764	1,016,000	151,420	1,644,103	2,956,934
Division No. 3.....	35	716	878,062	141,457	1,303,431	2,536,556
Division No. 4.....	45	67	57,255	8,493	126,884	233,150
Division No. 5.....	55	2,721	10,347,757	1,677,870	16,605,842	40,875,049
Division No. 6.....	63	1,544	5,989,249	1,042,981	9,359,141	26,345,937
Division No. 7.....	223	514	447,882	60,029	903,304	1,804,738
Division No. 8.....	145	341	246,551	22,052	457,257	953,574
Division No. 9.....	142	339	283,544	27,151	519,011	1,126,871
Division No. 10.....	5	8	4,000	590	13,720	17,230
<b>Totals.....</b>	<b>939</b>	<b>10,575</b>	<b>26,604,908</b>	<b>3,767,885</b>	<b>44,972,021</b>	<b>106,524,603</b>
<b>Prince Edward Island:</b>						
Kings.....	51	403	517,680	75,348	2,089,942	2,970,530
Prince.....	82	569	803,505	83,330	5,755,320	7,380,555
Queens.....	83	837	1,774,660	197,733	9,118,536	12,847,885
<b>Totals.....</b>	<b>216</b>	<b>1,809</b>	<b>3,095,845</b>	<b>356,411</b>	<b>16,963,798</b>	<b>23,198,970</b>
<b>Nova Scotia:</b>						
Annapolis.....	41	412	676,207	78,835	2,132,848	3,645,642
Antigonish.....	28	172	276,944	37,332	768,639	1,319,108
Cape Breton.....	136	7,044	20,975,590	4,874,768	37,494,597	69,447,804
Colchester.....	132	2,017	3,381,165	309,131	9,741,486	16,267,176
Cumberland.....	105	1,617	3,177,541	426,433	8,356,314	14,001,849
Digby.....	86	646	845,784	77,751	2,728,440	4,205,431
Guysboro.....	45	426	574,823	56,239	1,792,495	2,816,572
Halifax.....	250	8,407	22,018,238	2,366,648	53,534,424	94,421,262
Hants.....	71	1,077	2,072,760	385,602	5,481,147	9,129,536
Inverness.....	78	306	255,030	20,235	1,071,244	1,591,279
Kings.....	76	669	1,172,799	185,206	5,276,011	7,982,779
Lunenburg.....	148	1,750	3,296,732	218,833	6,961,170	12,053,885
Pictou.....	121	4,102	10,262,343	1,107,798	26,004,025	45,527,449
Queens.....	32	1,252	4,003,758	1,089,291	6,576,531	17,741,732
Richmond.....	39	211	329,725	36,072	1,144,909	1,885,149
Shelbourne.....	80	799	1,135,837	94,861	5,042,843	7,895,348
Victoria.....	41	110	97,561	8,054	254,219	466,924
Yarmouth.....	82	1,023	1,837,918	178,475	6,182,193	9,613,339
<b>Totals.....</b>	<b>1,591</b>	<b>32,040</b>	<b>76,390,755</b>	<b>11,551,564</b>	<b>180,543,535</b>	<b>320,012,264</b>

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1953  
Continued

County and Census Division	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>New Brunswick:</b>						
Albert .....	22	273	624,599	222,561	1,649,735	2,571,360
Carleton .....	52	619	1,030,290	137,158	3,224,012	5,321,092
Charlotte .....	68	2,372	4,322,819	399,432	11,012,009	18,534,555
Gloucester .....	117	2,123	5,328,873	1,237,630	13,065,754	26,456,058
Kent .....	54	442	486,153	54,442	2,300,706	3,200,144
King's .....	54	593	1,240,481	650,586	3,516,289	7,327,905
Madwaska .....	53	1,143	3,765,575	1,257,805	9,969,251	20,093,317
Northumberland .....	87	1,358	2,877,788	492,339	9,837,933	16,279,912
Queen's .....	38	318	649,435	194,794	1,260,659	2,531,733
Restigouche .....	56	2,045	7,301,736	3,552,857	20,630,324	40,417,477
St. John .....	142	5,712	14,102,813	1,895,147	50,879,127	87,232,685
Sunburg .....	10	49	67,150	6,572	204,565	380,802
Victoria .....	41	436	902,060	51,635	1,780,362	3,456,754
Westmoreland .....	186	4,906	13,001,009	835,097	27,146,926	47,937,717
York .....	114	2,082	4,052,264	347,308	7,320,059	14,008,908
<b>Totals .....</b>	<b>1,094</b>	<b>24,471</b>	<b>59,753,045</b>	<b>11,335,363</b>	<b>163,797,711</b>	<b>295,750,419</b>
<b>Quebec:</b>						
Abitibi .....	187	1,429	2,742,502	257,714	7,815,104	13,514,171
Argenteuil .....	74	3,003	7,859,687	578,531	16,406,367	33,074,545
Arthabaska .....	148	4,326	8,887,809	395,686	21,003,411	37,388,552
Bagot .....	74	1,308	2,505,609	149,038	7,451,097	11,560,332
Beauce .....	180	2,694	5,059,362	376,056	12,192,964	23,128,599
Beauharnois .....	72	6,414	17,799,646	4,895,632	31,317,525	65,613,822
Bellechasse .....	79	351	502,613	59,426	2,976,963	3,994,232
Berthier .....	119	1,645	2,951,651	238,520	6,714,024	12,595,420
Bonaventure .....	92	558	748,347	72,459	2,839,752	4,190,076
Brome .....	40	260	411,622	60,261	1,736,825	2,441,940
Chambly .....	109	5,567	15,727,519	754,927	22,119,573	50,645,463
Champlain .....	240	7,179	17,972,730	3,926,160	57,343,624	111,189,781
Charlevoix Est. ....	37	556	1,777,366	863,357	3,895,761	8,964,258
Charlevoix-Ouest .....	36	115	146,751	15,380	458,816	706,343
Châteauguay .....	40	555	1,168,389	96,251	3,874,722	6,005,677
Chicoutimi .....	184	10,680	38,692,947	23,437,360	100,780,623	247,760,898
Compton .....	69	1,398	3,606,902	1,041,064	9,579,499	18,168,153
Deux-Montagnes .....	54	315	548,424	70,335	1,922,456	3,051,789
Dorchester .....	115	640	1,106,768	144,298	5,587,444	7,709,806
Drummond .....	110	7,091	18,601,473	1,624,921	29,397,445	66,442,100
Frontenac .....	105	1,081	1,791,678	154,091	4,728,852	8,257,888
Gaspé Est. ....	107	981	2,356,043	836,707	5,532,835	10,547,196
Gaspé-Ouest .....	30	455	860,273	13,430	2,670,508	4,291,883
Gatineau .....	69	287	462,161	36,142	2,073,910	3,297,784
Hull .....	75	6,909	22,620,941	6,902,794	49,478,860	105,910,701
Huntingdon .....	27	670	1,790,260	168,477	6,736,037	9,891,564
Iberville .....	44	585	1,255,262	119,452	3,069,082	5,524,764
Îles-de-la-Madeleine .....	20	513	342,062	58,916	1,430,448	2,112,083
Jesus Island .....	51	838	1,695,155	103,689	3,134,482	6,237,153
Joliette .....	131	2,744	6,227,927	876,855	12,966,775	24,766,201
Kamouraska .....	87	569	774,962	59,842	2,736,946	4,203,466
Labelle .....	91	722	1,254,677	74,613	3,732,229	6,138,314
Lac-St-Jean Est. ....	79	2,134	7,759,138	5,660,354	26,569,676	58,089,223
Lac-St-Jean Ouest .....	158	1,347	3,611,248	1,297,861	11,755,907	23,122,820
Laprairie .....	35	1,035	2,895,726	933,415	5,014,298	12,752,153
L'Assomption .....	72	2,618	7,651,700	490,366	27,993,095	39,057,945
Lévis .....	95	5,095	14,031,815	548,764	16,473,068	42,450,040
L'Islet .....	99	817	1,507,252	98,824	3,315,051	6,094,578
Lotbinière .....	101	653	1,065,153	161,327	4,719,123	6,913,255
Maskinongé .....	75	1,592	2,863,923	298,306	5,178,448	9,094,096
Matane .....	76	792	1,690,774	84,380	3,704,576	7,382,016
Matapédia .....	72	487	830,029	61,975	2,631,551	4,432,849
Mégantic .....	129	2,020	3,954,864	234,571	6,576,829	13,014,936
Missisquoi .....	74	3,617	8,890,827	656,980	15,174,811	33,228,978
Montcalm .....	66	430	631,356	54,420	2,821,202	3,941,313
Montmagny .....	89	1,729	3,530,758	223,114	7,198,198	13,886,108
Montmorency No. 1 .....	47	803	2,426,324	1,438,778	5,981,155	16,004,691
Montmorency No. 2 .....	14	78	136,350	11,522	315,968	633,471
Montreal Island .....	4,905	245,911	722,398,121	41,998,884	1,632,317,900	3,036,759,551
Napierville .....	28	429	787,343	81,029	3,992,009	5,950,615
Nicolet .....	110	847	1,395,324	162,731	6,542,022	9,043,899
Papineau .....	86	1,779	5,585,388	1,636,041	12,089,310	27,400,098
Pontiac .....	50	312	556,224	55,028	2,488,864	3,703,767
Portneuf .....	170	2,850	7,575,445	3,059,667	17,898,914	38,091,520
Quebec .....	586	20,939	49,215,588	5,634,508	115,340,644	215,492,668
Richelieu .....	74	7,433	21,876,957	3,307,085	23,179,340	55,190,648
Richmond .....	81	3,181	8,970,809	1,756,006	18,626,472	37,068,956
Rimouski .....	142	950	1,893,290	137,432	5,245,076	9,043,929
Rivière-du-Loup .....	112	692	1,225,125	117,216	5,083,047	7,270,657
Rouville .....	87	1,415	2,655,680	329,393	8,480,334	13,837,314
Saguenay .....	62	1,219	4,984,080	1,099,800	16,466,631	30,124,607
Shefford .....	165	6,760	16,496,073	977,314	35,661,207	68,130,240
Sherbrooke .....	130	8,414	20,401,055	1,439,464	38,931,096	81,958,537
Soulanges .....	25	88	157,181	21,178	762,205	1,058,387
Stanstead .....	98	4,930	10,666,745	864,970	39,268,842	57,472,992
St-Hyacinthe .....	147	4,954	10,209,496	603,983	27,802,406	47,191,318
St-Jean .....	85	5,380	15,137,128	1,033,009	23,381,229	47,827,683
St-Maurice .....	198	13,416	41,696,484	16,089,223	97,019,461	226,761,574

TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1953  
Continued

County and Census Division	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Quebec — Concluded:</b>						
Témiscamingue .....	87	2,157	6,539,126	2,833,849	50,248,729	69,889,130
Témiscouata .....	84	659	1,355,441	54,725	3,996,005	6,345,105
Terrebonne .....	217	6,571	14,650,956	953,052	26,449,222	52,666,467
Vaudreuil .....	44	334	616,892	43,768	1,715,248	2,834,749
Verchères .....	68	1,245	3,254,445	443,176	9,407,599	18,325,075
Wolfe .....	60	668	1,033,905	237,672	2,280,896	4,335,040
Yamaska .....	54	337	512,258	76,708	2,570,449	3,586,911
<b>Totals .....</b>	<b>12,132</b>	<b>441,553</b>	<b>1,225,573,314</b>	<b>145,764,252</b>	<b>2,816,373,112</b>	<b>5,386,784,863</b>
<b>Ontario:</b>						
Algoma .....	130	9,648	34,840,528	7,288,836	69,825,281	134,784,597
Brant .....	210	13,112	41,696,933	1,994,439	67,704,576	146,942,229
Bruce .....	145	2,338	4,853,472	290,767	10,929,075	18,533,090
Carleton .....	360	10,983	31,011,070	2,024,394	51,324,329	111,144,869
Cochrane .....	117	4,644	16,595,347	3,301,375	36,076,873	84,367,973
Dufferin .....	31	207	406,676	55,196	1,585,382	2,281,635
Dundas .....	49	620	1,406,839	169,618	8,354,845	14,596,941
Durham .....	83	2,311	7,178,250	475,353	10,075,237	26,175,580
Elgin .....	105	3,196	8,482,579	639,442	29,434,782	48,656,404
Essex .....	471	41,618	151,928,533	10,203,064	440,091,003	756,836,929
Frontenac .....	114	6,467	20,022,292	1,610,103	43,614,925	86,773,971
Glengarry .....	52	345	576,529	75,090	2,823,464	3,779,161
Grenville .....	55	2,043	5,477,610	923,264	13,957,442	26,633,851
Grey .....	190	4,818	12,336,805	614,879	18,627,907	39,142,849
Haldimand .....	57	1,916	4,505,099	728,619	11,804,405	22,001,973
Haliburton .....	28	388	838,588	42,488	1,113,513	2,784,346
Halton .....	149	6,539	19,292,878	1,682,555	53,076,869	91,688,509
Hastings .....	234	7,777	20,845,185	3,591,793	43,466,893	95,509,671
Huron .....	137	1,920	4,355,506	478,820	10,450,650	18,921,469
Kenora .....	78	2,177	7,093,585	1,463,714	30,638,872	49,650,189
Kent .....	200	8,156	25,307,770	2,469,375	84,280,245	135,813,826
Lambton .....	123	9,099	33,126,879	15,349,648	150,069,449	250,580,267
Lanark .....	121	2,915	7,155,107	495,017	15,266,223	28,138,347
Leeds .....	113	3,112	8,600,075	663,105	34,589,139	52,137,329
Lennox and Addington .....	64	797	1,969,313	383,354	5,742,528	9,739,861
Lincoln .....	209	16,862	54,462,081	3,610,468	89,473,323	189,735,548
Manitowlin .....	31	92	139,139	20,764	629,783	868,966
Middlesex .....	389	19,210	56,556,463	2,861,031	114,351,590	236,667,656
Muskoka .....	81	1,042	2,348,162	133,481	4,943,697	9,028,860
Nipissing .....	96	1,980	5,491,926	605,085	9,724,490	21,428,209
Norfolk .....	91	2,043	5,066,209	346,705	38,032,666	50,068,380
Northumberland .....	117	1,837	4,550,807	364,950	11,527,051	20,456,371
Ontario .....	183	18,654	69,372,229	2,483,849	255,821,811	427,296,914
Oxford .....	193	7,527	20,278,351	1,691,224	58,498,680	98,288,404
Perry Sound .....	104	1,085	2,506,638	244,327	5,295,787	11,930,498
Peel .....	128	19,276	74,461,831	4,754,653	108,510,104	277,906,295
Perth .....	159	5,046	13,411,186	1,932,029	29,428,908	54,384,594
Peterboro .....	144	10,251	32,999,257	1,506,930	63,287,302	122,269,351
Prescott .....	76	1,074	3,020,370	946,458	7,513,355	15,076,101
Prince Edward .....	63	725	1,113,125	153,944	4,949,017	7,048,664
Rainy River .....	53	1,181	4,521,215	896,490	8,440,141	19,695,033
Renfrew .....	200	4,963	12,365,054	1,225,921	22,047,112	45,467,071
Russell .....	57	205	326,204	71,838	2,382,810	3,007,787
Simcoe .....	236	6,563	17,152,889	899,927	32,495,666	61,848,760
Stormont .....	90	7,097	19,291,834	3,852,082	32,463,341	75,009,996
Sudbury .....	148	10,446	38,767,102	15,915,361	110,291,001	286,215,829
Thunder Bay .....	235	9,310	32,212,759	7,073,807	71,787,692	159,745,465
Timiskaming .....	99	1,327	2,944,124	229,929	5,795,650	11,198,444
Victoria .....	410	2,070	4,773,065	414,191	7,707,421	17,725,650
Waterloo .....	531	31,474	89,271,847	4,482,208	166,787,275	355,563,504
Welland .....	296	25,642	91,016,787	19,590,030	288,076,183	506,783,772
Wellington .....	226	8,198	22,779,493	1,421,544	43,885,199	83,927,106
Wentworth .....	644	62,711	208,152,634	22,905,952	396,275,379	845,980,805
York .....	4,729	209,517	658,725,989	28,594,540	1,324,288,221	2,604,261,091
<b>Totals .....</b>	<b>13,114</b>	<b>634,554</b>	<b>2,017,982,218</b>	<b>186,243,966</b>	<b>4,560,134,562</b>	<b>8,876,504,990</b>
<b>Manitoba:</b>						
Division No. 1 .....	53	223	397,706	59,043	1,269,950	2,047,627
Division No. 2 .....	40	415	802,505	108,967	2,883,747	4,874,207
Division No. 3 .....	25	92	170,010	23,786	1,234,667	1,575,413
Division No. 4 .....	12	75	161,815	16,887	469,241	783,937
Division No. 5 .....	54	3,586	11,860,993	1,828,770	32,699,280	57,876,625
Division No. 6 .....	995	33,671	92,393,717	5,521,151	266,962,594	448,600,661
Division No. 7 .....	60	872	2,465,111	274,497	10,064,266	14,821,594
Division No. 8 .....	16	86	167,473	29,182	1,258,498	1,655,364
Division No. 9 .....	54	3,340	9,417,950	938,990	12,768,171	30,532,625
Division No. 10 .....	18	143	334,606	91,352	1,128,369	1,799,946
Division No. 11 .....	19	82	168,500	26,206	1,034,121	1,354,861
Division No. 12 .....	32	93	153,234	28,694	1,227,667	1,522,913
Division No. 13 .....	36	192	356,537	45,456	1,263,774	1,992,961
Division No. 14 .....	44	126	168,524	19,153	1,031,229	1,434,234
Division No. 15 .....	20					
Division No. 16 .....	62	744	2,107,598	659,771	10,107,541	13,999,491
<b>Totals .....</b>	<b>1,540</b>	<b>43,740</b>	<b>121,126,279</b>	<b>9,671,905</b>	<b>345,403,115</b>	<b>584,872,459</b>



TABLE 19. Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1953  
Concluded

County and Census Division	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Saskatchewan:</b>						
Division No. 1 .....	21	123	290,658	47,910	941,695	1,644,725
Division No. 2 .....	12	68	145,737	15,247	388,840	740,164
Division No. 3 .....	7	27	51,674	4,140	53,401	136,679
Division No. 4 .....	10	53	101,664	15,344	486,564	696,937
Division No. 5 .....	36	144	274,329	51,672	2,055,452	2,670,542
Division No. 6 .....	150	3,211	10,029,604	1,612,907	45,445,491	72,194,425
Division No. 7 .....	52	1,200	3,656,614	1,054,247	31,094,565	43,825,168
Division No. 8 .....	18	207	584,305	73,786	1,867,330	3,136,919
Division No. 9 .....	96	379	732,188	134,129	3,124,961	5,025,828
Division No. 10 .....	17	69	113,528	15,677	935,442	1,184,736
Division No. 11 .....	126	3,034	8,815,920	861,851	46,150,611	69,232,935
Division No. 12 .....	11	48	121,793	8,329	163,899	354,443
Division No. 13 .....	16	114	301,334	55,146	800,216	1,794,575
Division No. 14 .....	221	719	1,234,753	102,561	2,806,093	5,804,582
Division No. 15 .....	95	1,147	3,026,715	251,628	13,677,013	21,510,626
Division No. 16 .....	81	334	617,810	79,193	1,896,239	3,225,946
Division No. 17 and 18 .....	93	727	2,296,892	1,984,045	28,416,130	33,433,856
<b>Totals .....</b>	<b>1,062</b>	<b>11,604</b>	<b>32,395,518</b>	<b>6,367,812</b>	<b>180,303,942</b>	<b>266,613,086</b>
<b>Alberta:</b>						
Division No. 1 .....	44	1,370	3,180,871	241,261	19,674,775	26,705,279
Division No. 2 .....	103	1,845	4,704,500	402,494	11,941,461	24,590,197
Division No. 3 .....	13	655	1,862,371	146,773	2,758,291	6,760,987
Division No. 4 .....	23	402	1,061,822	148,554	5,959,997	9,959,711
Division No. 5 .....	9	37	76,468	9,989	194,892	343,255
Division No. 6 .....	420	10,445	32,359,912	4,126,275	111,729,236	185,144,876
Division No. 7 .....	26	122	256,231	35,347	1,548,600	2,029,388
Division No. 8 .....	107	616	1,404,329	140,088	6,938,968	9,949,417
Division No. 9 .....	166	737	1,260,461	133,765	4,916,588	7,934,866
Division No. 10 .....	53	375	982,736	269,900	7,218,905	11,684,776
Division No. 11 .....	453	13,075	39,218,899	3,694,556	155,519,692	238,576,749
Division No. 12 .....	182	925	1,635,886	142,429	3,887,148	7,735,992
Division No. 13 .....	79	323	562,544	58,233	2,405,445	3,691,093
Division No. 14 .....	166	651	1,126,983	111,863	5,007,205	7,356,208
Division No. 15 .....	93	622	1,223,137	114,158	2,555,381	5,342,263
Division No. 16 .....	116	846	1,642,525	151,914	3,971,850	7,822,458
Division No. 17 .....	19	36	45,478	5,638	76,728	187,312
<b>Totals .....</b>	<b>2,072</b>	<b>33,082</b>	<b>92,605,153</b>	<b>9,933,237</b>	<b>346,221,162</b>	<b>555,814,827</b>
<b>British Columbia:</b>						
Division No. 1 .....	138	1,495	3,994,093	899,755	7,962,456	16,123,163
Division No. 2 .....	173	6,695	23,299,826	2,934,782	87,051,417	143,907,410
Division No. 3 .....	336	3,469	8,594,870	599,450	17,445,044	33,716,736
Division No. 4 .....	1,891	54,006	174,721,841	11,107,766	436,298,691	788,268,572
Division No. 5 .....	473	13,868	47,665,610	4,886,459	86,870,671	190,134,072
Division No. 6 .....	282	2,555	6,382,351	540,183	14,249,184	26,843,414
Division No. 7 .....	30	3,339	13,237,715	2,469,633	23,106,974	69,971,273
Division No. 8 .....	823	5,687	14,209,219	1,252,295	32,183,358	60,699,892
Division No. 9 .....	57	2,173	7,743,825	1,851,560	16,626,150	32,467,656
Division No. 10 .....	114	557	1,071,968	99,838	2,701,809	4,694,502
<b>Totals .....</b>	<b>4,317</b>	<b>93,844</b>	<b>300,921,318</b>	<b>26,641,721</b>	<b>724,495,754</b>	<b>1,366,823,690</b>

# APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953

## MONTREAL METROPOLITAN AREA

Industry	Estab-lish-ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Foods and Beverages:</b>						
Biscuits.....	9	2,422	4,906,287	311,151	13,496,479	26,158,682
Bread and other bakery products.....	152	5,152	13,021,655	1,286,909	21,251,185	45,813,293
Breweries.....	5	2,401	9,131,786	677,414	15,756,755	53,185,941
Butter and Cheese.....	11	1,963	5,631,366	505,320	16,166,367	27,186,061
Carbonated beverages.....	27	1,175	3,630,158	291,928	6,073,517	23,415,988
Confectionery.....	38	2,494	5,624,548	288,564	16,741,899	31,020,236
Dairy products, other.....	6	216	531,026	76,416	2,203,526	3,997,375
Feeds, stock and poultry, prepared.....	14	496	1,423,759	122,019	21,402,558	25,756,914
Flour mills.....	3	580	2,121,688	160,338	26,061,035	31,930,758
Fruit and vegetable preparations.....	35	988	2,274,291	173,198	8,256,322	12,813,096
Misc. food preparations.....	67	2,485	6,823,871	571,126	60,422,874	87,245,044
Sausage and sausage casings.....	19	354	843,534	56,973	3,357,005	5,146,217
Slaughtering and meat packing.....	21	3,400	10,716,757	675,435	108,241,530	131,247,551
All other industries <sup>1</sup> .....	20	3,992	12,347,541	1,513,481	63,791,570	108,887,120
<b>Totals.....</b>	<b>427</b>	<b>28,118</b>	<b>79,028,267</b>	<b>6,710,272</b>	<b>383,222,622</b>	<b>613,804,276</b>
<b>Tobacco and Tobacco Products:</b>						
<b>Total.....</b>	<b>20</b>	<b>5,338</b>	<b>16,758,627</b>	<b>246,024</b>	<b>55,398,674</b>	<b>102,774,775</b>
<b>Rubber Products:</b>						
<b>Totals.....</b>	<b>12</b>	<b>2,357</b>	<b>8,125,583</b>	<b>273,917</b>	<b>8,689,028</b>	<b>22,054,403</b>
<b>Leather Products:</b>						
Belting leather.....	6	82	203,011	12,488	430,948	842,749
Boot and shoe findings, leather.....	11	183	474,748	15,980	910,251	1,614,798
Footwear, leather.....	74	7,045	14,836,121	186,075	20,798,657	42,627,625
Gloves and mittens, leather.....	22	560	993,760	11,709	1,248,554	2,655,971
Leather tanneries.....	3	98	250,566	23,006	360,511	792,994
Misc. leather goods.....	96	2,168	4,108,316	52,783	5,016,759	11,266,027
<b>Totals.....</b>	<b>212</b>	<b>10,136</b>	<b>20,866,522</b>	<b>302,041</b>	<b>28,765,680</b>	<b>59,800,164</b>
<b>Textile Products (except clothing):</b>						
Awnings, tents and sails.....	15	329	717,469	20,414	1,185,253	2,282,048
Bags, cotton and jute.....	12	472	1,060,345	41,893	6,733,637	8,016,660
Cotton yarn and cloth.....	6	3,229	9,575,384	502,157	12,496,437	22,480,256
Dyeing and finishing of textiles.....	29	893	2,249,015	237,929	1,361,296	4,514,776
Embroideries, pleating, hemstitching, etc.....	99	1,397	2,805,803	29,653	2,434,931	7,074,585
Misc. cotton goods.....	7	209	555,066	59,010	1,701,300	2,913,322
Misc. textile products.....	80	2,105	4,475,555	144,517	14,872,628	24,030,291
Narrow fabrics.....	22	504	1,118,886	42,220	1,546,478	3,684,645
Oilcloth, linoleum and other coated fabrics.....	8	1,536	5,111,041	309,842	9,821,199	19,613,531
Woollen cloth.....	5	101	993,213	792	102,366	217,993
All other industries <sup>2</sup> .....	21	1,881	6,240,081	90,269	6,316,861	11,586,639
<b>Totals.....</b>	<b>304</b>	<b>12,656</b>	<b>34,401,858</b>	<b>1,478,696</b>	<b>58,572,386</b>	<b>106,414,692</b>
<b>Clothing (Textile and Fur):</b>						
Clothing, children's.....	105	4,548	8,206,195	94,913	17,721,836	31,715,873
Clothing, contractors men's.....	101	2,106	4,432,525	49,525	405,018	5,727,237
Clothing, contractors women's.....	74	1,164	2,157,715	23,339	69,243	2,791,564
Clothing, men's factory.....	287	12,957	29,991,452	261,355	62,612,127	117,535,160
Clothing, women's factory.....	485	17,726	37,948,379	297,858	76,858,443	145,971,499
Corsets.....	15	681	1,194,419	8,760	1,839,435	4,803,111
Fur goods.....	252	2,740	7,182,342	83,890	21,059,886	32,532,478
Hats and caps.....	72	2,260	5,247,037	80,871	5,290,606	13,822,609
Hosiery.....	19	1,267	3,078,087	66,770	2,690,261	8,196,490
Oiled and waterproofed clothing.....	8	340	798,472	8,313	1,926,494	3,163,193
Other knitted goods.....	49	1,885	3,749,865	79,375	7,433,294	12,612,642
Misc. clothing products.....	35	818	1,567,201	18,222	3,759,313	6,385,742
All other industries <sup>3</sup> .....	5	641	1,837,892	42,029	764,026	3,748,879
<b>Totals.....</b>	<b>1,507</b>	<b>49,133</b>	<b>107,391,581</b>	<b>1,115,220</b>	<b>202,429,982</b>	<b>389,006,477</b>
<b>Wood Products:</b>						
Boxes and baskets, wood.....	8	374	953,514	54,494	1,080,693	2,412,503
Coffins and caskets.....	3	89	181,399	6,177	241,769	465,806
Furniture.....	263	5,367	13,872,280	396,439	20,982,153	44,780,473
Lasts, trees and shoe findings.....	5	284	647,793	15,421	539,378	1,472,585
Misc. wood products.....	35	397	1,376,819	29,678	1,484,967	2,843,616
Sash door and planing mills.....	71	1,007	2,525,236	136,443	7,142,950	11,343,358
Wood turning.....	3	20	43,759	901	26,353	86,312
All other industries <sup>4</sup> .....	10	454	1,211,148	51,966	2,399,361	4,701,986
<b>Totals.....</b>	<b>398</b>	<b>7,992</b>	<b>20,811,948</b>	<b>691,519</b>	<b>33,897,624</b>	<b>68,106,639</b>

**Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal,  
Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 - Continued**

**MONTREAL METROPOLITAN AREA - Continued**

Industry	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Paper Products:</b>						
Boxes and bags, paper.....	33	3,113	8,080,130	239,441	22,243,686	37,278,101
Miscellaneous paper goods.....	45	1,124	3,011,503	87,327	8,021,108	13,941,751
All other industries <sup>5</sup> .....	7	2,178	9,504,866	484,562	7,347,907	18,455,696
<b>Totals .....</b>	<b>85</b>	<b>6,415</b>	<b>20,596,499</b>	<b>811,330</b>	<b>37,612,701</b>	<b>69,675,548</b>
<b>Printing, Publishing and Allied Industries:</b>						
Engraving, stereotyping and electrotyping.....	32	796	3,148,839	58,688	1,122,813	6,119,504
Lithographing.....	12	719	2,493,566	45,135	3,634,694	8,368,374
Printing and bookbinding.....	346	5,140	15,386,211	294,174	12,270,735	35,959,349
Printing and publishing.....	25	4,708	16,503,740	241,523	13,660,996	44,652,207
Publishing only of periodicals.....	265	2,059	5,347,711	—	9,967,495	23,317,807
Trade composition.....	10	284	1,055,292	11,689	130,792	1,697,265
<b>Totals .....</b>	<b>690</b>	<b>13,706</b>	<b>43,935,359</b>	<b>651,209</b>	<b>40,787,525</b>	<b>120,114,506</b>
<b>Iron and Steel Products:</b>						
Boilers and platework.....	13	1,558	5,231,065	155,389	4,544,729	13,024,155
Bridge building and structural steel.....	10	3,413	13,113,883	388,146	22,034,224	49,583,191
Iron castings.....	11	2,112	7,599,016	467,421	10,050,307	21,567,873
Hardware, tools and cutlery.....	55	2,525	7,695,401	257,466	7,347,006	22,000,512
Heating and cooking apparatus.....	12	951	2,899,970	96,655	5,222,530	10,948,792
Machinery, household office and store.....	20	843	2,441,909	44,800	3,173,832	6,452,664
Machinery industrial.....	34	5,055	17,600,651	525,331	17,512,133	50,997,601
Machine shops.....	61	996	3,064,951	96,707	1,855,483	5,940,419
Miscellaneous iron and steel products.....	54	926	2,769,498	107,251	1,987,143	5,986,009
Primary iron and steel.....	6	2,699	9,959,325	1,333,495	16,142,347	33,616,997
Sheet metal products.....	57	4,758	15,163,153	453,797	27,009,503	51,751,079
Wire and wire goods.....	26	2,078	6,938,101	417,273	7,571,741	25,128,247
<b>Totals .....</b>	<b>359</b>	<b>27,914</b>	<b>94,476,923</b>	<b>4,343,731</b>	<b>124,450,978</b>	<b>296,997,539</b>
<b>Transportation Equipment:</b>						
Boat building.....	7	24	44,693	1,220	35,727	100,568
Motor vehicle parts.....	18	321	906,200	52,397	829,207	2,624,585
Railway rolling stock.....	8	16,832	55,937,617	2,310,325	80,171,046	156,902,001
All other industries <sup>6</sup> .....	31	19,303	69,736,456	1,217,243	77,364,327	191,869,638
<b>Totals .....</b>	<b>64</b>	<b>36,480</b>	<b>126,624,966</b>	<b>3,581,185</b>	<b>158,400,307</b>	<b>351,496,792</b>
<b>Non-ferrous Metal Products:</b>						
<b>Total .....</b>	<b>138</b>	<b>6,426</b>	<b>20,738,601</b>	<b>1,666,788</b>	<b>141,496,399</b>	<b>179,869,190</b>
<b>Electrical Apparatus and Supplies:</b>						
Machinery heavy electrical.....	11	954	2,853,759	72,975	3,191,400	7,392,527
Miscellaneous electrical apparatus and supplies <sup>7</sup> .....	30	10,831	37,163,299	802,131	37,864,899	99,167,559
Radio and radio parts.....	19	4,842	16,780,609	183,521	30,582,509	52,821,620
Refrigerators vacuum cleaners and appliances.....	13	1,471	4,614,382	151,236	8,434,240	18,445,012
<b>Totals .....</b>	<b>73</b>	<b>18,098</b>	<b>61,412,049</b>	<b>1,209,863</b>	<b>80,073,048</b>	<b>177,826,718</b>
<b>Non-metallic Mineral Products:</b>						
Concrete products.....	43	1,201	3,262,916	335,696	5,966,177	13,212,694
Glass and glass products.....	27	2,647	7,987,445	1,813,263	7,556,267	22,712,643
Miscellaneous non-metallic mineral products.....	13	249	728,712	147,683	1,036,517	2,365,657
Stone products.....	13	183	488,280	41,640	594,190	1,437,422
All other industries <sup>8</sup> .....	7	1,668	5,565,241	3,527,715	7,381,214	26,386,658
<b>Totals .....</b>	<b>103</b>	<b>5,948</b>	<b>18,032,594</b>	<b>5,865,997</b>	<b>22,534,365</b>	<b>66,115,074</b>
<b>Products of Petroleum and Coal<sup>9</sup>:</b>						
<b>Totals .....</b>	<b>12</b>	<b>3,821</b>	<b>14,592,483</b>	<b>11,576,671</b>	<b>193,160,096</b>	<b>275,907,246</b>
<b>Chemicals and Allied Products:</b>						
Acids, alkalis and salts.....	6	653	2,752,535	343,349	3,175,465	4,394,231
Adhesives.....	9	136	369,871	47,427	1,930,860	3,134,653
Gases compressed.....	7	239	785,022	94,878	463,659	3,524,087
Inks.....	10	118	309,753	14,363	609,878	1,492,248
Medicinal and pharmaceutical preparations.....	78	3,131	9,347,067	334,318	12,423,280	38,255,510
Miscellaneous chemical products.....	50	1,088	3,823,352	136,285	4,380,816	9,583,313
Paints, varnishes and lacquers.....	28	2,211	7,608,491	220,162	16,363,417	34,556,891
Polishes and dressings.....	12	224	557,322	31,388	1,887,904	3,142,093
Soaps, washing compound and cleaning prepara- tions.....	33	464	1,213,721	78,865	2,504,066	5,634,501
Toilet preparations.....	29	637	1,621,978	44,406	4,060,928	11,131,763
All other industries <sup>10</sup> .....	8	805	2,930,721	273,263	11,780,066	15,589,775
<b>Totals .....</b>	<b>270</b>	<b>9,706</b>	<b>31,319,833</b>	<b>1,618,704</b>	<b>59,580,339</b>	<b>130,439,065</b>

## Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 - Continued

## MONTREAL METROPOLITAN AREA - Concluded

Industry	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers .....	26	350	629,791	8,704	875,202	2,002,513
Brooms brushes and mops .....	25	341	700,641	20,203	1,249,453	2,310,012
Buttons buckles and fasteners .....	29	665	1,382,578	35,361	2,085,377	4,467,044
Clocks, watches and watch cases .....	17	135	390,418	5,216	1,329,744	2,128,170
Fountain pens and pencils .....	4	255	544,341	10,075	787,412	2,292,081
Hair goods .....	7	34	84,930	2,867	370,048	493,625
Ice, artificial .....	8	85	269,873	99,305	32,936	823,130
Lamps electric and lamp shades .....	28	529	1,070,008	25,517	2,117,719	4,082,887
Models and patterns excluding paper .....	9	71	254,756	6,871	90,361	403,384
Other miscellaneous industries .....	6	201	554,121	26,060	415,584	1,553,795
Plastic products .....	33	581	1,527,044	74,121	4,528,280	7,433,321
Scientific and professional equipment .....	23	1,683	5,818,199	68,784	5,335,071	13,205,197
Signs, electric neon and other .....	36	511	1,455,610	50,118	927,945	3,415,969
Sporting goods .....	11	242	519,254	12,953	522,600	1,254,505
Stamps and stencils, rubber and metal .....	11	104	290,319	7,907	144,071	568,028
Statuary art goods and novelties .....	33	283	623,048	17,660	608,195	1,590,868
All other industries <sup>11</sup> .....	23	911	2,206,507	101,299	2,588,460	6,654,507
<b>Totals .....</b>	<b>329</b>	<b>6,981</b>	<b>18,321,458</b>	<b>573,021</b>	<b>24,008,458</b>	<b>54,679,036</b>
<b>Grand Totals Metropolitan Montreal .....</b>	<b>5,003</b>	<b>251,225</b>	<b>737,435,151</b>	<b>42,716,188</b>	<b>1,653,080,212</b>	<b>3,085,082,140</b>

1. Includes: Animal oils and fats 1; cheese process 4; distilled liquors 4; feed mills 1; fish processing 1; foods breakfast 2; macaroni and kindred product 4; sugar refining 2; wines 1.

2. Includes: Automobile accessories, fabric 3; cordage, rope and twine 1; cotton thread 9; misc. woollen goods 2; synthetic textiles and silk 3; woollen yarn 3.

3. Includes: Fur dressing and dyeing 4; gloves and mittens fabric 1.

4. Includes: Cooperage 3; excelsior 1; flooring hardwood 2; sawmills 1; veneers and plywoods 1; woodenware 2.

5. Includes: Pulp and paper mills 3; roofing paper 4.

6. Includes: Aircraft and parts 20; bicycles and parts 3; motor vehicles 2; shipbuilding 6.

7. Includes also: Batteries 2.

8. Includes: Abrasive products 1; asbestos products 2; cement hydraulic 1; clay products from domestic clay 1; gypsum products 1; sand-lime brick 1.

9. Includes: Coke and gas products 2; misc. products of petroleum and coal 3; petroleum products 7.

10. Includes: Coal tar distillation 2; fertilizers 2; primary plastics 2; vegetable oils 2.

11. Includes: Candles 7; musical instruments 2; pipes, lighters and smokers' supplies 4; toys and games 6; typewriter supplies 2; umbrellas 2.

## The following Municipalities are Included in Greater Montreal

Municipality	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Dorval .....	5	55	116,091	5,834	333,209	511,202
L'Abord-A-Plouffe .....	8	94	214,243	8,219	186,525	513,407
Lachine .....	71	9,335	32,902,127	1,188,341	39,104,650	106,709,804
Lasalle .....	40	4,353	13,669,654	2,813,926	51,420,999	99,719,459
Laval-des-Rapides .....	6	114	227,334	14,225	334,211	812,313
Longueuil .....	33	3,500	10,377,769	455,864	12,964,753	31,337,553
Montreal (city proper) .....	4,398	193,129	544,284,191	18,428,249	1,067,911,378	2,042,662,785
Montreal East .....	32	5,978	22,241,766	14,609,000	315,804,741	425,407,273
Montreal North .....	10	48	89,979	7,393	188,848	404,017
Montreal West .....	5	36	101,216	10,400	112,649	380,711
Mont-Royal .....	25	3,135	10,463,005	291,794	17,875,054	37,126,370
Outremont .....	50	2,233	5,955,607	148,999	10,702,953	22,544,451
Pointe-aux-Trembles .....	10	252	532,164	30,061	1,054,346	2,216,084
Point-Viau .....	9	204	401,494	26,469	603,461	1,237,574
St-Laurent .....	54	16,697	59,119,047	1,470,248	76,323,353	185,072,874
St. Lambert .....	16	658	1,745,103	73,171	3,300,567	6,552,055
St. Michel .....	48	612	1,464,206	86,272	2,379,323	5,132,072
Verdun .....	74	1,783	3,861,285	112,921	8,219,383	15,721,739
Westmount .....	30	1,993	5,884,634	370,916	6,418,890	18,122,871
All other .....	79	7,016	23,784,236	2,563,886	37,840,919	82,897,526
<b>Totals, Metropolitan Montreal .....</b>	<b>5,003</b>	<b>251,225</b>	<b>737,435,151</b>	<b>42,716,188</b>	<b>1,653,080,212</b>	<b>3,085,082,140</b>

1. Includes: Baie-d'Urfé; Beaconsfield; Cote-St-Luc; Hampstead; Greenfield Park; Jacques Cartier; Le Moyne; Mackayville; Montreal South; Pointe-Claire; Ste-Anne-de-Bellevue; Ste-Geneviève-de-Pierrefonds; St-Léonard-de-Port-Maurice; St-Pierre. Parishes of Asile-St-Jean-de-Dieu; Dollard-des-Ormeaux; Île-aux-Soeurs; La Présentation-de-la-Ste-Vierge; Notre-Dame-de-Liesse; Ste-Anne-du-Bout-de-l'Île; Ste-Geneviève Parish; St-Joachim-de-la-Pointe-Claire; St-Joseph-de-la-Rivière-des-Prairies; St-Léonard-de-Port-Maurice Parish; St-Raphaël-de-l'Île-Bizard.



**Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued**

**TORONTO METROPOLITAN AREA**

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Food and Beverages:</b>						
Biscuits.....	4	499	1,074,667	46,869	2,186,037	4,627,832
Bread and other bakery products.....	193	5,757	15,553,945	1,454,937	21,575,210	47,892,197
Butter and cheese.....	6	1,825	5,904,817	434,645	14,116,155	23,328,990
Carbonated beverages.....	18	1,015	2,760,808	225,885	3,529,066	15,512,987
Cheese process.....	4	189	463,729	18,703	3,573,159	4,773,329
Confectionery.....	37	3,560	8,044,874	456,154	22,541,439	40,655,153
Dairy products, other.....	5	78	204,745	23,203	567,326	1,176,610
Feed mills.....	4	10	21,061	4,119	137,977	171,980
Feeds, stock and poultry, prepared.....	11	562	1,778,337	155,508	16,729,300	20,355,960
Miscellaneous food preparations.....	64	2,542	7,349,610	665,991	44,676,759	64,160,667
Sausage and sausage casing.....	16	279	604,295	45,427	3,129,919	4,161,015
Slaughtering and meatpacking.....	21	5,412	18,712,871	1,176,626	170,835,854	214,222,529
Wines.....	5	116	521,223	18,619	577,079	1,706,434
All other industries.....	46	3,293	12,034,873	804,975	44,278,457	93,265,153
<b>Totals.....</b>	<b>434</b>	<b>25,137</b>	<b>75,029,855</b>	<b>5,531,661</b>	<b>348,453,737</b>	<b>536,010,836</b>
<b>Tobacco and Tobacco Products:</b>						
<b>Totals.....</b>	<b>4</b>	<b>83</b>	<b>171,055</b>	<b>5,927</b>	<b>384,436</b>	<b>750,339</b>
<b>Rubber Products:</b>						
<b>Totals.....</b>	<b>14</b>	<b>6,197</b>	<b>21,548,502</b>	<b>1,280,450</b>	<b>40,877,628</b>	<b>94,194,061</b>
<b>Leather Products:</b>						
Footwear, leather.....	35	1,553	3,474,390	41,300	4,398,389	9,532,266
Gloves and mittens, leather.....	3	25	41,094	1,326	34,893	94,811
Leather tanneries.....	4	578	1,822,015	162,330	4,700,112	7,895,207
Miscellaneous leather goods.....	59	1,296	2,868,403	48,059	3,364,844	7,391,231
All other industries.....	5	116	309,959	8,279	833,641	1,159,162
<b>Totals.....</b>	<b>106</b>	<b>3,568</b>	<b>8,515,861</b>	<b>261,294</b>	<b>13,331,879</b>	<b>26,072,677</b>
<b>Textile Products (except clothing):</b>						
Automobile accessories fabric.....	5	39	79,452	1,655	210,614	366,494
Awnings, tents and sails.....	21	327	665,749	20,573	1,827,172	2,999,127
Dyeing and finishing of textiles.....	11	274	761,911	40,700	199,646	1,559,909
Embroideries, pleatings hemstitching etc.....	36	434	954,109	22,103	855,736	2,673,399
Miscellaneous textile products.....	53	1,148	2,836,171	76,433	8,013,216	13,123,119
Miscellaneous woollen goods.....	13	456	1,471,361	80,303	9,784,959	11,999,176
Narrow fabrics.....	13	178	384,909	12,133	650,636	1,348,996
Woollen cloth.....	6	532	1,359,728	143,924	3,963,942	5,406,670
Woollen yarn.....	5	750	1,886,539	109,142	4,551,623	7,417,611
All other industries.....	21	1,346	3,933,291	294,918	10,911,062	18,346,729
<b>Totals.....</b>	<b>184</b>	<b>5,484</b>	<b>14,333,220</b>	<b>801,884</b>	<b>40,968,606</b>	<b>65,241,230</b>
<b>Clothing (textile and fur):</b>						
Clothing, children's.....	36	997	1,987,736	21,180	3,019,387	6,141,161
Clothing, contractors men's.....	18	202	467,144	7,154	95,057	764,051
Clothing, contractors women's.....	10	71	133,781	3,201	14,125	207,084
Clothing, men's factory.....	118	7,601	18,674,861	173,851	28,655,064	55,733,480
Clothing, women's factory.....	245	6,450	16,030,802	142,084	22,705,088	45,583,639
Corsets.....	14	1,146	2,414,644	19,679	2,843,701	6,372,797
Fur dressing and dyeing.....	4	266	607,384	19,127	176,878	1,015,786
Fur goods.....	178	1,536	4,695,783	74,379	11,834,346	18,833,281
Hats and caps.....	59	1,144	2,710,528	42,604	2,755,264	6,932,779
Hosiery.....	10	643	2,067,910	32,872	1,856,899	4,281,172
Miscellaneous clothing products.....	23	481	958,544	10,928	1,816,958	3,470,760
Oiled and waterproofed clothing.....	4	138	339,998	4,592	594,155	1,066,468
Other knitted goods.....	37	2,039	4,661,615	107,909	10,526,189	17,749,534
<b>Totals.....</b>	<b>756</b>	<b>22,714</b>	<b>55,750,730</b>	<b>659,560</b>	<b>86,893,111</b>	<b>168,151,992</b>
<b>Wood Products:</b>						
Boxes and baskets, wood.....	9	398	1,006,360	20,231	1,321,343	3,390,608
Flooring hardwood.....	3	219	723,409	29,639	1,241,995	2,454,420
Furniture.....	286	4,415	12,394,386	336,152	23,413,264	44,519,069
Miscellaneous wood products.....	43	506	1,369,953	33,779	1,609,207	3,516,178
Sash door and planing mills.....	68	998	2,892,453	142,711	6,571,852	11,921,922
Wood turning.....	5	21	39,979	1,565	44,721	107,142
All other industries.....	13	252	664,570	19,722	827,440	1,821,508
<b>Totals.....</b>	<b>427</b>	<b>6,809</b>	<b>19,091,110</b>	<b>583,799</b>	<b>35,029,822</b>	<b>67,730,847</b>

## Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 - Continued

## TORONTO METROPOLITAN AREA - Continued

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Paper Products:</b>						
Boxes and bags paper.....	50	3,917	12,295,951	314,658	31,803,019	54,620,578
Miscellaneous paper goods.....	67	3,356	9,958,982	443,335	20,411,091	40,910,763
Pulp and paper mills.....	7	1,312	6,949,012	1,186,313	9,840,010	19,739,596
<b>Totals .....</b>	<b>124</b>	<b>8,585</b>	<b>29,203,945</b>	<b>1,944,306</b>	<b>62,054,120</b>	<b>115,270,937</b>
<b>Printing and Publishing and Allied Industries:</b>						
Engraving stereotyping and electrotyping.....	46	2,034	8,574,740	116,215	3,470,223	16,182,478
Lithographing.....	32	1,655	5,719,126	95,012	7,550,284	17,495,440
Printing and bookbinding.....	390	8,586	26,549,491	479,987	26,676,438	73,374,892
Printing and publishing.....	48	6,939	27,053,961	584,825	22,978,789	71,851,099
Printing only (of periodicals).....	305	1,092	2,233,923	—	5,740,224	10,311,292
Trade composition.....	20	423	1,738,666	21,088	150,785	2,518,816
<b>Totals .....</b>	<b>841</b>	<b>20,729</b>	<b>71,869,907</b>	<b>1,297,127</b>	<b>66,566,743</b>	<b>191,734,017</b>
<b>Iron and Steel Products:</b>						
Boilers and platemaking.....	17	3,610	14,277,625	417,086	17,032,229	40,834,920
Bridge building and structural steel.....	8	1,991	7,686,313	216,202	9,667,124	26,664,692
Castings iron.....	13	1,276	4,482,048	154,902	5,741,616	14,694,415
Hardware, tools and cutlery.....	88	2,915	10,163,751	346,101	10,100,809	29,411,079
Heating and cooking apparatus.....	24	2,520	8,689,000	324,315	13,186,622	31,073,320
Machine shops.....	78	841	2,547,185	79,801	1,426,554	5,647,458
Machinery household office and store.....	25	3,525	12,081,993	247,858	18,564,189	45,174,650
Machinery industrial <sup>9</sup> .....	72	8,828	31,522,907	707,220	53,508,097	103,166,377
Miscellaneous iron and steel products.....	71	3,268	10,597,212	580,279	7,060,527	23,560,628
Sheet metal products.....	76	5,245	17,303,962	773,411	31,517,901	60,679,778
Wire and wire goods.....	27	385	1,209,912	85,549	3,032,655	5,034,224
<b>Totals .....</b>	<b>499</b>	<b>34,404</b>	<b>120,561,908</b>	<b>3,932,724</b>	<b>170,838,323</b>	<b>385,941,541</b>
<b>Transportation Equipment:</b>						
Motor vehicle parts.....	33	4,017	13,272,800	538,252	18,977,035	39,872,075
Railway rolling stock.....	4	1,309	4,469,179	135,995	4,314,053	9,227,181
All other industries.....	13	3,385	11,689,963	345,210	15,905,301	33,685,471
<b>Totals .....</b>	<b>50</b>	<b>8,711</b>	<b>29,431,942</b>	<b>1,019,457</b>	<b>39,196,389</b>	<b>82,784,727</b>
<b>Non-ferrous Metal Products:</b>						
Aluminum products.....	29	1,782	5,652,522	345,668	4,858,629	15,639,853
Brass and copper products.....	36	2,585	9,559,088	673,495	29,177,306	48,188,914
Jewellery and silverware.....	76	2,172	5,974,866	183,655	16,872,820	26,263,931
Miscellaneous non-ferrous metal products.....	3	221	778,594	41,090	1,552,667	2,719,529
White metal products.....	13	1,480	4,555,896	328,767	15,482,220	23,732,183
<b>Totals .....</b>	<b>157</b>	<b>8,240</b>	<b>26,520,966</b>	<b>1,572,675</b>	<b>67,943,642</b>	<b>116,544,410</b>
<b>Electrical Apparatus and Supplies:</b>						
Batteries.....	5	1,434	5,101,640	290,599	14,383,110	26,050,274
Machinery heavy electrical.....	23	6,856	24,923,949	416,444	23,405,603	64,952,197
Miscellaneous electrical apparatus and supplies..	62	5,820	19,693,315	733,792	35,016,250	80,913,901
Radio and radio parts.....	37	7,151	20,841,523	291,924	49,279,591	89,023,974
Refrigerators, vacuum cleaners and appliances....	34	3,735	11,966,593	615,920	24,405,285	47,773,733
<b>Totals .....</b>	<b>161</b>	<b>24,996</b>	<b>82,527,020</b>	<b>2,348,679</b>	<b>146,489,839</b>	<b>308,714,079</b>
<b>Non-metallic Mineral Products:</b>						
Clay products from domestic clay.....	8	574	2,067,840	712,527	150,877	5,248,748
Clay products from imported clay.....	5	73	210,278	26,063	433,211	1,040,694
Concrete products.....	40	726	2,363,638	245,931	4,622,662	11,312,891
Glass and glass products.....	40	1,321	3,965,732	557,576	3,986,232	9,435,173
Miscellaneous non-metallic mineral products.....	11	72	202,853	17,179	579,957	1,154,880
Sand lime.....	2	136	433,261	59,884	377,482	1,307,717
Stone products.....	23	505	1,740,948	298,605	1,567,084	4,283,711
All other industries <sup>8</sup> .....	4	125	522,096	3,863	111,778	225,318
<b>Totals .....</b>	<b>133</b>	<b>3,532</b>	<b>11,506,646</b>	<b>1,921,628</b>	<b>11,829,283</b>	<b>34,009,132</b>
<b>Products of Petroleum and Coal<sup>9</sup>:</b>						
<b>Totals .....</b>	<b>12</b>	<b>2,958</b>	<b>11,703,194</b>	<b>720,581</b>	<b>11,286,221</b>	<b>25,068,212</b>

## Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 - Continued

## TORONTO METROPOLITAN AREA - Concluded

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Chemicals and Allied Products:						
Acids, alkalies and salts.....	3	282	1,252,667	222,157	2,218,345	4,644,155
Adhesives.....	10	366	1,208,565	208,838	2,675,172	5,277,520
Gases compressed.....	6	348	1,200,430	79,126	391,335	2,726,149
Inks.....	18	745	2,512,732	90,463	4,502,597	11,137,925
Medicinal and pharmaceutical preparations.....	56	2,131	5,735,175	167,349	7,700,811	23,506,088
Miscellaneous chemical products.....	68	817	2,682,425	299,164	8,083,185	15,744,346
Paints varnishes and lacquers.....	40	2,098	6,904,143	325,907	23,974,600	49,127,349
Polishes and dressings.....	17	239	678,195	22,298	1,808,493	4,028,918
Soaps, washing compounds and cleaning prepara- tions.....	33	2,553	9,024,329	748,063	24,495,617	54,129,673
Toilet preparations.....	35	854	2,054,775	37,326	4,422,712	12,607,900
All other industries <sup>10</sup> .....	10	689	2,431,049	624,055	33,137,246	42,504,528
<b>Totals.....</b>	<b>296</b>	<b>11,122</b>	<b>35,684,485</b>	<b>2,824,746</b>	<b>113,410,113</b>	<b>225,434,551</b>
Miscellaneous Manufacturing Industries:						
Artificial flowers and feathers.....	12	100	184,654	5,881	99,655	423,327
Brooms brushes and mops.....	12	419	1,005,684	18,114	1,519,571	3,340,392
Buttons, buckles and fasteners.....	6	207	499,312	8,838	498,200	1,089,825
Clocks, watches and watch cases.....	11	304	855,995	6,233	3,741,418	6,194,982
Fountain pens and pencils.....	6	501	1,373,052	26,162	1,911,572	4,612,707
Ice, Artificial.....	13	274	841,233	160,481	32,988	1,715,629
Lamps electric and lamps shades.....	22	636	1,331,279	48,717	2,261,480	4,643,385
Models and patterns excluding paper.....	17	124	465,186	10,366	65,499	654,985
Medical instruments.....	10	418	1,163,276	47,324	1,343,240	3,256,599
Other miscellaneous industries.....	13	377	1,030,841	24,751	1,309,798	3,881,292
Plastic products.....	43	1,754	4,260,272	119,433	6,104,177	14,183,862
Scientific and professional equipment.....	45	3,523	12,461,859	272,117	13,123,441	38,173,327
Signs, electric neon and others.....	52	633	1,795,536	55,928	1,479,364	4,254,171
Sporting goods.....	15	615	1,612,672	41,441	1,830,386	5,148,722
Stamps and stencils rubber and metal.....	16	514	1,452,872	41,182	782,960	2,875,502
Statuary art goods and novelties.....	39	379	894,430	25,869	867,036	2,366,849
Toys and games.....	23	851	1,827,200	47,689	3,235,556	6,142,257
Typewriter supplies.....	6	347	1,005,666	23,406	1,841,025	3,885,203
Umbrellas.....	3	95	175,065	1,025	322,778	580,064
All other industries <sup>11</sup> .....	10	217	640,618	21,974	1,396,993	2,812,197
<b>Totals.....</b>	<b>374</b>	<b>12,288</b>	<b>34,876,702</b>	<b>1,006,931</b>	<b>43,767,137</b>	<b>110,235,277</b>
<b>Grand Totals Metropolitan Toronto.....</b>	<b>4,572</b>	<b>205,557</b>	<b>648,327,048</b>	<b>27,713,429</b>	<b>1,299,321,029</b>	<b>2,553,888,865</b>

1. Includes: Animal oils and fats 4; breweries 4; distilled liquors 3; flour mills 4; foods breakfast 2; fruit and vegetables preparations 26; macaroni and kindred products 3.  
2. Includes: Belting leather 2; boot and shoe findings leather 3.  
3. Includes: Bags, cotton and jute 4; carpets, mats and rugs 5; cordage rope and twine 2; cotton yarn and cloth 2; cotton thread 2; miscellaneous cotton goods 3; oilcloth, linoleum and other coated fabrics 2; synthetic textiles and silk 1.  
4. Includes: Coffins and caskets 2; cooperage 2; excelsior 1; lasts, trees and shoe findings 1; sawmills 4; woodenware 3.  
5. Includes also roofing paper 2.  
6. Includes: Agricultural implements 1; machine tools 2.  
7. Includes: Aircraft and parts 3; bicycles and parts 2; boat building 2; carriages, wagons and sleighs 3; motor vehicles 2; shipbuilding 1.  
8. Includes: Abrasive products 1; asbestos products 2; gypsum products one head office.  
9. Includes: Coke and gas products 1; miscellaneous products of petroleum and coal 6; petroleum products 5.  
10. Includes: Coal tar distillation 2; fertilizers 3; primary plastics 2; vegetable oils 3.  
11. Includes: Candles 1; hair goods 6; pipes lighters and smokers' supplies 3.

## The Following Municipalities are Included in Greater Toronto

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Long Branch.....	29	2,242	6,717,025	262,536	11,294,753	23,551,809
Leaside.....	59	11,136	36,905,616	1,575,974	66,627,094	144,685,122
Mimico.....	33	653	2,025,896	170,007	3,060,968	7,298,334
New Toronto.....	52	7,274	26,173,029	2,016,523	83,340,725	156,528,551
Swansea.....	13	740	2,462,690	271,086	4,879,410	10,385,227
Toronto.....	3,781	154,251	478,086,271	18,968,416	980,873,073	1,875,747,249
Weston.....	64	3,472	10,805,328	668,523	19,874,581	42,860,494
Etobicoke Township.....	109	4,805	15,088,981	823,212	19,323,092	49,542,084
Scarborough Township.....	123	4,291	13,163,383	909,751	31,507,610	59,258,277
York Township.....	305	16,675	56,865,822	2,045,748	78,475,232	183,891,003
All other.....	4	18	33,007	1,653	64,491	140,715
<b>Totals, Metropolitan Toronto.....</b>	<b>4,572</b>	<b>205,557</b>	<b>648,327,048</b>	<b>27,713,429</b>	<b>1,299,321,029</b>	<b>2,553,888,865</b>

**Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 - Continued**

**HAMILTON METROPOLITAN AREA**

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Food and Beverages:</b>						
Biscuits.....	3	129	299,175	37,079	490,417	1,130,017
Bread and other bakery products.....	47	1,481	3,889,588	343,245	4,199,588	10,192,398
Carbonated beverages.....	12	173	488,186	55,322	812,650	2,402,711
Confectionery.....	10	252	623,301	33,184	1,382,228	3,586,255
Feed, Mills.....	6	19	38,828	8,165	435,584	528,331
Feed stock and poultry, prepared.....	5	31	55,282	6,138	141,480	219,126
Fruit and vegetable preparations.....	17	1,181	2,429,635	164,095	6,957,618	10,451,701
Miscellaneous food preparations.....	10	325	673,360	21,334	2,775,265	4,901,683
Slaughtering and meat packing.....	5	663	2,149,199	234,010	27,635,147	35,109,232
All other industries <sup>1</sup> .....	9	406	1,356,045	109,675	3,048,648	5,613,486
<b>Totals .....</b>	<b>124</b>	<b>4,660</b>	<b>12,002,599</b>	<b>1,012,248</b>	<b>47,878,625</b>	<b>74,134,940</b>
<b>Leather Products<sup>2</sup>.....</b>	<b>7</b>	<b>285</b>	<b>742,592</b>	<b>6,346</b>	<b>1,033,703</b>	<b>2,196,331</b>
<b>Textile Products (Except Clothing):</b>						
Awnings tents and sails.....	5	62	164,002	5,604	87,716	373,717
Cotton yarn and cloth.....	6	2,289	5,239,831	351,725	9,938,474	17,026,282
All other industries <sup>3</sup> .....	14	761	2,026,180	116,849	3,966,339	9,145,787
<b>Totals .....</b>	<b>25</b>	<b>3,112</b>	<b>7,430,013</b>	<b>474,178</b>	<b>13,992,529</b>	<b>26,545,786</b>
<b>Clothing (Textile and Fur):</b>						
Clothing, men's factory.....	8	932	1,911,763	28,166	4,011,321	6,910,536
Fur goods.....	4	23	62,712	1,243	103,405	239,028
Hosiery.....	3	887	2,404,619	88,608	1,650,486	4,693,128
Other knitted goods.....	6	1,988	3,931,465	139,810	5,919,564	10,497,259
All other industries <sup>4</sup> .....	4	62	113,625	1,673	133,473	331,789
<b>Totals .....</b>	<b>25</b>	<b>3,892</b>	<b>8,426,184</b>	<b>259,500</b>	<b>11,818,249</b>	<b>22,671,740</b>
<b>Wood Products:</b>						
Boxes and baskets, wood.....	4	100	214,543	4,861	263,684	573,648
Furniture.....	29	273	821,727	32,554	603,349	1,796,820
Miscellaneous wood products.....	3	15	44,708	15,444	41,880	137,651
Sash, door and planing mills.....	11	432	1,230,400	95,388	2,228,614	4,161,752
All other industries <sup>5</sup> .....	6	145	359,263	9,520	692,117	1,298,308
<b>Totals .....</b>	<b>53</b>	<b>965</b>	<b>2,670,641</b>	<b>157,767</b>	<b>3,829,644</b>	<b>7,968,179</b>
<b>Paper Products:</b>						
Boxes and bags, paper.....	13	884	2,558,848	95,374	8,283,093	13,509,863
Miscellaneous paper goods <sup>6</sup> .....	12	935	2,685,104	128,206	7,361,031	13,980,680
<b>Totals .....</b>	<b>25</b>	<b>1,819</b>	<b>5,243,952</b>	<b>223,580</b>	<b>15,644,124</b>	<b>27,490,543</b>
<b>Printing Publishing and Allied Industries:</b>						
Engraving, electrotyping and stereotyping.....	6	127	609,926	8,466	139,690	1,056,918
Printing and bookbinding.....	51	615	1,976,678	48,833	2,961,284	6,094,738
Publishing only (of periodicals).....	15	175	94,339	-	195,040	336,232
All other industries <sup>7</sup> .....	10	651	2,165,049	40,106	2,111,350	6,996,724
<b>Totals .....</b>	<b>82</b>	<b>1,568</b>	<b>4,845,992</b>	<b>97,405</b>	<b>5,407,364</b>	<b>14,484,612</b>
<b>Iron and Steel Products:</b>						
Castings iron.....	8	634	2,040,822	131,373	4,461,647	7,719,436
Hardware, tools and cutlery.....	21	766	2,638,144	106,147	2,066,686	6,405,738
Machine shops.....	13	151	461,315	13,132	454,634	1,244,103
Machinery, household, office and store.....	5	350	1,039,076	32,436	2,247,449	3,629,107
Machinery industrial.....	10	1,211	4,545,976	188,228	6,370,432	14,332,271
Miscellaneous iron and steel products.....	15	158	519,428	22,797	618,474	1,857,393
Primary iron and steel.....	11	12,916	50,102,269	13,258,535	97,778,752	208,162,672
Sheet metal products.....	20	1,683	5,478,514	236,336	11,136,073	19,977,402
Wire and wire goods.....	18	2,595	9,340,873	497,012	9,396,437	34,288,051
All other industries <sup>8</sup> .....	10	3,482	12,421,411	567,493	15,667,111	35,127,106
<b>Totals .....</b>	<b>131</b>	<b>23,946</b>	<b>88,587,828</b>	<b>15,053,489</b>	<b>150,197,695</b>	<b>332,743,279</b>
<b>Transportation Equipment<sup>9</sup>:</b>						
<b>Totals .....</b>	<b>7</b>	<b>3,004</b>	<b>11,316,088</b>	<b>662,204</b>	<b>34,702,758</b>	<b>57,713,121</b>
<b>Non-ferrous Metal Products:</b>						
Aluminum products.....	4	112	310,666	14,189	373,486	801,674
Brass and copper products.....	9	457	1,784,712	78,277	3,473,776	6,483,984
Jewellery and silverware.....	6	273	805,347	25,307	877,581	2,009,455
All other industries <sup>10</sup> .....	4	263	979,407	88,567	1,777,876	3,198,331
<b>Totals .....</b>	<b>23</b>	<b>1,105</b>	<b>3,880,132</b>	<b>206,340</b>	<b>6,502,719</b>	<b>12,493,444</b>



**Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 - Continued**

**HAMILTON METROPOLITAN AREA - Concluded**

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Electrical Apparatus and Supplies <sup>11</sup> :						
<b>Totals</b> .....	<b>21</b>	<b>11,141</b>	<b>38,768,477</b>	<b>1,025,717</b>	<b>34,890,371</b>	<b>110,771,975</b>
Non-metallic Mineral Products:						
Concrete products .....	18	348	1,137,034	128,946	1,115,391	2,959,530
Clay products from domestic clay .....	7	193	592,987	191,144	19,395	1,463,853
Miscellaneous non-metallic mineral products .....	8	560	1,746,571	287,861	792,489	3,795,474
Stone products .....	6	119	408,583	27,459	279,622	977,715
All other industries <sup>12</sup> .....	13	1,124	3,654,016	731,252	4,288,588	12,462,997
<b>Totals</b> .....	<b>52</b>	<b>2,344</b>	<b>7,539,191</b>	<b>1,366,662</b>	<b>6,495,485</b>	<b>21,659,569</b>
Products of Petroleum and Coal <sup>13</sup> :						
<b>Total</b> .....	<b>6</b>	<b>887</b>	<b>3,217,977</b>	<b>1,445,243</b>	<b>24,111,831</b>	<b>40,778,380</b>
Chemical and Allied Products:						
Miscellaneous chemical products .....	12	223	828,945	52,662	2,989,159	5,147,006
Polishes and dressings .....	5	62	156,758	8,210	419,709	845,558
All other industries <sup>14</sup> .....	21	1,021	3,909,235	465,228	19,243,426	40,405,025
<b>Totals</b> .....	<b>38</b>	<b>1,306</b>	<b>4,894,938</b>	<b>526,100</b>	<b>22,652,294</b>	<b>46,397,589</b>
Miscellaneous Manufacturing Industries:						
Brooms, brushes, and mops .....	7	307	846,906	21,036	1,188,870	2,856,514
Scientific and professional equipment .....	3	12	28,872	610	10,434	50,307
Sign electric neon and others .....	6	63	174,501	7,090	140,843	556,714
Sporting goods .....	3	16	37,844	770	29,100	82,752
Toys and games .....	5	106	231,604	11,571	588,190	1,029,704
All other industries <sup>15</sup> .....	15	256	592,205	24,948	482,023	1,361,526
<b>Totals</b> .....	<b>39</b>	<b>760</b>	<b>1,911,932</b>	<b>66,025</b>	<b>2,439,460</b>	<b>5,937,517</b>
All Other Major Groups:						
<b>Totals</b> .....	<b>5</b>	<b>2,749</b>	<b>9,094,908</b>	<b>437,848</b>	<b>19,761,179</b>	<b>51,629,557</b>
<b>Grand Totals, Metropolitan Hamilton</b> .....	<b>663</b>	<b>63,543</b>	<b>210,573,444</b>	<b>23,020,652</b>	<b>401,358,030</b>	<b>855,616,562</b>

1. Includes: Sausage and sausage casings 2; animal oils and fats 1; butter and cheese 2; flour mills 1; breweries 1; wines 1; macaroni and kindred products 1.
2. Includes: Footwear leather 3; belting leather 2; miscellaneous leather products 2.
3. Includes: Bags cotton and jute 1; carpets, mats and rugs 1; cordage, rope and twine 1; cotton thread 1; dyeing and finishing of textiles 1; embroideries, pleating, hemstitching, etc., 2; miscellaneous textile products 3; miscellaneous woollen goods 2; narrow fabrics 1; woollen yarn 1.
4. Includes: Corsets 1; clothing, women's factory 1; hats and caps 2.
5. Includes: Coffins and caskets 2; cooperage 1; flooring hardwood 1; sawmills 1; woodturning 1.
6. Includes also roofing paper 2.
7. Includes: Lithographing 2; printing and publishing 6; trade composition 2.
8. Includes: Agricultural implements 1; boilers and plate work 3; bridge building 1; heating and cooking apparatus 2; machine tool 3.
9. Includes: Boat building 2; motor vehicles 1; motor vehicle parts 1; railway rolling stock 3.
10. Includes: White metal alloys 3; miscellaneous non-ferrous metal products 1.
11. Includes: Batteries 2; machinery heavy electrical 3; miscellaneous electrical apparatus and supplies 8; radio and radio parts 4; refrigerators, vacuum cleaning and appliances 4.
12. Includes: Abrasive products 3; asbestos products 3; glass and glass products 7.
13. Includes: Coke and gas products 4; petroleum products 1; miscellaneous products of petroleum and coal 1.
14. Includes: Acids, alkalies and salts 1; coal tar distillation 1; fertilizers 2; gases compressed 1; medicinal and pharmaceutical preparations 2; paints, varnishes and lacquers 2; soaps, washing compounds and cleaning preparations 7; toilet preparations 4; vegetable oils 1.
15. Includes: Buttons, buckles and fasteners 1; ice, artificial 3; models and patterns excluding paper 4; plastic products 3; stamps and stencils, rubber and metal 4.

**The Following Municipalities are Included in Greater Hamilton**

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Burlington .....	25	866	2,501,492	128,512	6,377,082	11,117,131
Dundas .....	36	1,516	4,836,551	262,593	5,273,290	12,914,694
Hamilton .....	566	60,451	201,515,979	22,408,131	385,515,852	824,407,315
Waterdown .....	6	33	59,069	6,071	178,108	270,791
Barton Township .....	8	49	127,767	12,142	193,201	463,469
All other .....	22	628	1,532,586	203,203	3,820,497	6,443,162
<b>Totals, Metropolitan Hamilton</b> .....	<b>663</b>	<b>63,543</b>	<b>210,573,444</b>	<b>23,020,652</b>	<b>401,358,030</b>	<b>855,616,562</b>

1. Includes: Burlington Beach, Stoney Creek, Ancaster Township, Flamborough East Township, Flamborough West Township, Nelson Township; Salt Fleet Township.

**Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto,  
Hamilton, Windsor, Winnipeg and Vancouver, 1953 - Continued**  
**WINDSOR METROPOLITAN AREA**

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Food and Beverages:</b>						
Bread and other bakery products .....	25	556	1,404,137	148,445	1,794,740	4,027,467
Butter and cheese .....	4	444	1,450,200	124,801	3,080,604	5,332,550
Carbonated beverages .....	6	110	284,066	39,882	583,938	1,523,256
Miscellaneous food preparations .....	5	28	51,343	11,808	151,263	263,415
All other industries <sup>1</sup> .....	24	1,945	6,120,059	529,209	20,880,465	49,311,142
<b>Totals .....</b>	<b>64</b>	<b>3,083</b>	<b>9,309,805</b>	<b>854,145</b>	<b>26,491,010</b>	<b>60,457,830</b>
<b>Textile Products (except clothing)<sup>2</sup>:</b>						
<b>Totals .....</b>	<b>9</b>	<b>1,155</b>	<b>3,246,285</b>	<b>83,068</b>	<b>6,903,257</b>	<b>12,713,901</b>
<b>Clothing (Textile and Fur)<sup>3</sup>:</b>						
<b>Totals .....</b>	<b>8</b>	<b>256</b>	<b>480,706</b>	<b>9,391</b>	<b>958,624</b>	<b>1,794,060</b>
<b>Wood Products:</b>						
Furniture .....	20	123	360,412	15,513	769,288	1,351,797
Sash, door and planing mills .....	14	93	159,519	15,484	193,768	441,815
All other industries <sup>4</sup> .....	8	99	295,934	11,285	421,530	1,267,519
<b>Totals .....</b>	<b>42</b>	<b>315</b>	<b>815,865</b>	<b>42,282</b>	<b>1,384,586</b>	<b>3,061,131</b>
<b>Printing Publishing and Allied Industries:</b>						
Printing and book binding .....	29	240	740,505	21,740	634,355	1,878,264
Publishing only (of periodicals) .....	8	6	11,584	—	49,555	69,103
All other industries <sup>5</sup> .....	7	413	1,628,936	35,833	1,256,005	4,636,191
<b>Totals .....</b>	<b>44</b>	<b>659</b>	<b>2,381,025</b>	<b>57,573</b>	<b>1,939,915</b>	<b>6,583,558</b>
<b>Iron and Steel Products:</b>						
Hardware, tools and cutlery .....	31	774	3,194,999	93,620	2,042,811	7,914,830
Machine shops .....	6	108	358,337	15,547	212,084	911,317
Machinery industrial .....	9	631	2,284,837	56,685	1,861,588	7,470,794
Miscellaneous iron and steel products .....	6	845	3,742,959	530,040	7,952,101	16,349,189
All other industries <sup>6</sup> .....	25	4,191	15,881,648	952,635	20,003,312	48,436,527
<b>Totals .....</b>	<b>77</b>	<b>6,549</b>	<b>25,462,780</b>	<b>1,648,527</b>	<b>32,071,896</b>	<b>81,082,657</b>
<b>Transportation Equipment<sup>7</sup>:</b>						
<b>Totals .....</b>	<b>27</b>	<b>22,920</b>	<b>89,811,557</b>	<b>3,194,283</b>	<b>319,240,941</b>	<b>478,739,311</b>
<b>Non-ferrous Metal Products:</b>						
Brass and copper products .....	5	126	402,760	20,625	618,563	1,662,084
All other industries <sup>8</sup> .....	8	76	216,880	7,916	428,974	854,057
<b>Totals .....</b>	<b>13</b>	<b>202</b>	<b>619,640</b>	<b>28,541</b>	<b>1,047,537</b>	<b>2,516,141</b>
<b>Electrical Apparatus and Supplies<sup>9</sup>:</b>						
<b>Totals .....</b>	<b>5</b>	<b>253</b>	<b>739,730</b>	<b>25,642</b>	<b>2,408,744</b>	<b>3,263,628</b>
<b>Non-metallic Mineral Products:</b>						
Concrete products .....	8	251	872,038	149,313	1,657,020	3,139,448
All other industries <sup>10</sup> .....	8	487	1,788,769	493,117	3,754,587	8,491,749
<b>Totals .....</b>	<b>16</b>	<b>738</b>	<b>2,660,807</b>	<b>642,430</b>	<b>5,411,607</b>	<b>11,631,197</b>

**Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 - Continued**

**WINDSOR METROPOLITAN AREA - Concluded**

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Chemical and Allied Products:						
Medicinal and pharmaceutical preparations .....	9	909	3,138,298	74,680	4,493,744	15,159,551
Miscellaneous chemical products .....	5	28	97,835	6,814	177,566	607,824
Toilet preparations .....	5	14	27,782	1,150	35,718	95,153
Soaps, washing compounds and cleaning prepara- tions .....	5	24	61,839	5,696	135,872	253,262
All other industries <sup>11</sup> .....	7	494	1,791,990	950,073	1,858,420	6,759,149
<b>Totals .....</b>	<b>31</b>	<b>1,469</b>	<b>5,117,744</b>	<b>1,038,413</b>	<b>6,701,320</b>	<b>22,874,939</b>
Miscellaneous Manufacturing Industries:						
Models and patterns excluding paper .....	3	40	151,794	2,132	36,576	254,343
Sporting goods .....	7	44	152,743	1,803	278,693	560,845
All other industries <sup>12</sup> .....	18	368	1,022,874	89,886	1,290,655	3,456,423
<b>Totals .....</b>	<b>28</b>	<b>452</b>	<b>1,327,411</b>	<b>93,821</b>	<b>1,605,924</b>	<b>4,271,611</b>
All other major groups <sup>13</sup> :						
<b>Totals .....</b>	<b>5</b>	<b>270</b>	<b>737,194</b>	<b>17,014</b>	<b>2,240,699</b>	<b>4,225,061</b>
<b>Grand Totals, Metropolitan Windsor .....</b>	<b>369</b>	<b>38,321</b>	<b>142,710,549</b>	<b>7,735,130</b>	<b>408,406,060</b>	<b>693,215,025</b>

1. Includes: Breweries 3; Confectionery 2; Dairy products other 1; distilled liquors 1; feed mills 1; feeds stock and poultry prepared 3; foods breakfast 1; fruit and vegetable preparations 7; sausage and sausage casings 2; slaughtering and meat packing 3.

2. Includes: Automobile accessories fabric 2; awnings tents and sails 2; bags cotton and jute 2; miscellaneous cotton goods 1; miscellaneous textile products 2.

3. Includes: Clothing, children's factory 1; clothing men's factory 2; fur goods 3; gloves and mittens fabric 1; oiled and waterproofed clothing 1.

4. Includes: Boxes and baskets wood 2; coffins and caskets 1; miscellaneous wood products 2; sawmills 1; woodturning 2.

5. Includes: Engraving, electrotyping and stereotyping 2; lithographing 1; printing and publishing 2; trade composition 2.

6. Includes: Agricultural implements 1; bridge building and structural steel 2; castings iron 7; heating and cooking apparatus 2; machine tools 1; machinery household office store 2; primary iron and steel 1; sheet metal products 7; wire and wire goods 2.

7. Includes: Motor Vehicles 3; motor vehicle parts 24.

8. Includes: Aluminum products 2; jewellery and silverware 3; white metal alloys 2; miscellaneous non-ferrous metal products 1.

9. Includes: Batteries 1; machinery heavy electrical 1; miscellaneous electrical apparatus and supplies 1; radios and radio parts 2.

10. Includes: Glass and glass products 3; miscellaneous non-metallic mineral products 2; salt 1; stone products 2.

11. Includes: Acids, alkalies and salts 1; gases compressed 1; paints, varnishes and lacquers 5.

12. Includes: Buckles, buttons and fasteners 1; ice artificial 3; musical instruments 1; pipes lighters and smokers supplies 1; plastic products 3; signs electric neon and others 2; scientific and professional equipment 2; stamps and stencils, rubber and metal 2; statutory art goods and novel-  
ties 1; toys and games 1; clocks watches and watch cases 1.

13. Includes: Rubber products 2; paper products - boxes and bags paper 2; miscellaneous, paper goods 1.

**The Following Municipalities are Included in Greater Windsor**

Municipality	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Riverside .....	8	137	399,403	35,728	866,668	1,507,145
Windsor .....	338	37,514	140,481,193	7,559,592	402,209,586	682,273,319
Sandwich East Township .....	6	25	43,453	3,551	136,615	211,248
Sandwich South Township .....	4	16	20,307	2,813	74,725	101,237
All other <sup>1</sup> .....	13	629	1,766,193	133,446	5,118,466	9,122,076
<b>Totals, Metropolitan Windsor .....</b>	<b>369</b>	<b>38,321</b>	<b>142,710,549</b>	<b>7,735,130</b>	<b>408,406,060</b>	<b>693,215,025</b>

1. Includes: LaSalle; Ojibway; St. Clair Beach; Tecumseh.

## Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton Windsor, Winnipeg and Vancouver, 1953 - Continued

## WINNIPEG METROPOLITAN AREA

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Foods and Beverages:</b>						
Bread and other bakery products.....	59	1, 276	3, 313, 749	318, 203	4, 894, 677	10, 428, 375
Breweries.....	6	583	1, 946, 802	161, 985	2, 160, 434	10, 611, 391
Butter and cheese.....	10	932	2, 600, 696	245, 851	9, 131, 888	13, 899, 196
Carbonated beverages.....	10	247	721, 756	98, 452	1, 415, 183	5, 096, 423
Confectionery.....	11	295	593, 359	34, 425	1, 684, 863	3, 006, 596
Feed mills.....	6	32	67, 407	11, 775	489, 068	757, 688
Feeds, stock and poultry, prepared.....	17	183	495, 968	61, 586	4, 788, 973	5, 941, 455
Flour mills.....	4	524	1, 286, 349	162, 116	23, 455, 403	26, 586, 517
Fruit and vegetable preparations.....	9	201	415, 731	42, 186	1, 273, 337	2, 124, 168
Miscellaneous food preparations.....	23	729	1, 980, 912	262, 282	15, 692, 189	21, 446, 855
Sausage and sausage casings.....	8	122	326, 140	26, 793	1, 349, 466	1, 748, 281
Slaughtering and meat packing.....	12	2, 858	9, 688, 193	486, 563	84, 694, 531	105, 166, 347
All other industries <sup>1</sup> .....	11	680	1, 734, 264	255, 387	5, 612, 115	11, 027, 573
<b>Totals.....</b>	<b>186</b>	<b>8, 662</b>	<b>25, 171, 326</b>	<b>2, 167, 604</b>	<b>156, 642, 127</b>	<b>217, 840, 865</b>
<b>Leather Products:</b>						
Footwear, leather.....	7	267	492, 075	10, 008	1, 198, 281	2, 023, 359
Gloves and mittens, leather.....	11	234	418, 390	6, 493	576, 259	1, 182, 713
Miscellaneous leather goods <sup>2</sup> .....	9	175	404, 118	21, 249	935, 032	1, 579, 395
<b>Totals.....</b>	<b>27</b>	<b>676</b>	<b>1, 314, 583</b>	<b>37, 750</b>	<b>2, 709, 572</b>	<b>4, 785, 467</b>
<b>Textile Products (Except Clothing):</b>						
Awnings, tents and sails.....	5	55	99, 794	5, 968	342, 385	478, 324
Bags, cotton and jute.....	4	219	524, 454	21, 604	5, 490, 998	6, 186, 704
Embroideries, pleating and hemstitching.....	4	19	23, 530	219	6, 363	39, 119
Miscellaneous textile products.....	11	71	148, 025	2, 078	335, 710	612, 697
All other industries <sup>3</sup> .....	6	504	1, 080, 029	26, 766	533, 091	2, 624, 178
<b>Totals.....</b>	<b>30</b>	<b>868</b>	<b>1, 875, 832</b>	<b>56, 635</b>	<b>6, 708, 547</b>	<b>9, 941, 022</b>
<b>Clothing (Textile and Fur):</b>						
Clothing, children's factory.....	7	300	545, 522	9, 743	984, 037	1, 924, 602
Clothing, men's factory.....	46	2, 657	5, 231, 725	62, 581	12, 050, 361	20, 817, 299
Clothing, women's factory.....	27	1, 526	3, 481, 077	36, 951	7, 075, 753	12, 476, 340
Fur dressing and dyeing.....	6	239	603, 486	14, 002	180, 552	1, 114, 788
Fur goods.....	55	670	1, 720, 470	21, 907	3, 506, 541	5, 779, 383
Hats and caps.....	12	374	661, 262	8, 501	723, 264	1, 703, 628
Other knitted goods.....	5	187	370, 144	8, 262	936, 222	1, 436, 340
All other industries <sup>4</sup> .....	4	39	59, 673	807	32, 273	124, 732
<b>Totals.....</b>	<b>162</b>	<b>5, 992</b>	<b>12, 673, 359</b>	<b>162, 754</b>	<b>25, 489, 003</b>	<b>45, 377, 112</b>
<b>Wood Products:</b>						
Boxes and baskets, wood.....	4	121	292, 556	14, 364	351, 956	811, 701
Furniture.....	97	1, 646	4, 370, 556	124, 201	8, 465, 562	15, 902, 978
Sash door and planing mills.....	18	503	1, 314, 094	46, 582	2, 001, 513	3, 797, 629
All other industries <sup>5</sup> .....	13	191	501, 554	35, 527	2, 532, 610	3, 731, 421
<b>Totals.....</b>	<b>132</b>	<b>2, 461</b>	<b>6, 478, 760</b>	<b>220, 674</b>	<b>13, 351, 641</b>	<b>24, 243, 729</b>



## Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton Windsor, Winnipeg and Vancouver, 1953 - Continued

## WINNIPEG METROPOLITAN AREA - Continued

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
Paper Products:						
Boxes and bags paper .....	8	589	1,749,657	62,017	5,521,652	8,968,105
Miscellaneous paper goods .....	7	184	376,014	13,279	1,142,014	1,993,787
All other industries <sup>6</sup> .....	6	205	632,683	145,828	1,759,264	4,627,185
<b>Totals</b> .....	<b>21</b>	<b>978</b>	<b>2,758,354</b>	<b>221,124</b>	<b>8,422,930</b>	<b>15,589,077</b>
Printing Publishing and Allied Industries:						
Printing and bookbinding .....	70	1,305	3,419,696	68,145	3,388,846	9,797,205
Printing and publishing .....	28	1,719	4,885,821	101,400	4,136,850	14,083,809
Publishing only (of periodicals) .....	87	159	254,723	—	743,235	1,173,677
All other industries <sup>7</sup> .....	10	424	1,295,661	18,763	553,627	2,285,455
<b>Totals</b> .....	<b>195</b>	<b>3,607</b>	<b>9,855,901</b>	<b>188,308</b>	<b>8,822,558</b>	<b>27,340,146</b>
Iron and Steel Products:						
Agricultural implements .....	13	504	1,455,144	78,290	3,125,515	7,806,578
Hardware, tools and cutlery .....	3	12	32,524	630	14,290	65,451
Heating and cooking apparatus .....	4	140	437,202	19,539	678,377	1,600,492
Machine shops .....	27	268	821,398	26,443	435,020	1,857,349
Machinery industrial .....	10	338	1,091,554	35,313	931,435	2,817,074
Miscellaneous iron and steel products .....	6	504	1,793,297	72,442	2,105,058	5,347,323
Sheet metal products .....	20	907	2,650,256	85,108	3,985,519	9,079,729
All other industries <sup>8</sup> .....	13	1,311	4,568,349	140,286	5,874,914	17,500,252
<b>Totals</b> .....	<b>96</b>	<b>3,984</b>	<b>12,849,724</b>	<b>458,051</b>	<b>17,150,128</b>	<b>46,074,248</b>
Transportation Equipment:						
Boat building .....	3	11	19,058	1,299	28,608	66,033
Motor vehicle parts .....	9	154	421,311	18,447	515,357	1,111,203
Railway rolling stock .....	4	6,154	19,919,048	496,762	19,935,570	40,983,287
All other industries .....	3	1,413	4,116,257	112,752	6,122,221	10,805,296
<b>Totals</b> .....	<b>19</b>	<b>7,732</b>	<b>24,475,674</b>	<b>629,260</b>	<b>26,601,756</b>	<b>52,965,819</b>
Non-ferrous Metal Products:						
Brass and copper products .....	5	160	502,660	43,862	1,882,105	3,008,712
Jewellery and silverware .....	3	38	88,203	1,820	95,479	301,965
Miscellaneous non-ferrous metal products <sup>9</sup> .....	3	4	3,590	405	4,857	14,735
White metal alloys .....	3	93	233,578	40,583	1,248,571	1,721,049
<b>Totals</b> .....	<b>14</b>	<b>295</b>	<b>828,031</b>	<b>86,670</b>	<b>3,231,012</b>	<b>5,046,461</b>
Electric Apparatus and Supplies:						
Miscellaneous electrical apparatus and supplies .....	7	131	370,893	19,741	826,605	1,401,421
All other industries <sup>10</sup> .....	11	645	1,757,554	59,477	3,420,625	7,357,611
<b>Totals</b> .....	<b>18</b>	<b>776</b>	<b>2,128,447</b>	<b>79,218</b>	<b>4,247,230</b>	<b>8,759,032</b>
Non-metallic Mineral Products and Products of Petroleum and Coal:						
Glass and glass products .....	4	38	93,848	5,896	100,960	376,984
Stone products .....	6	55	133,502	6,676	123,285	360,249
All other industries <sup>11</sup> .....	17	1,047	3,281,511	1,305,080	20,973,186	30,894,505
<b>Totals</b> .....	<b>27</b>	<b>1,140</b>	<b>3,508,861</b>	<b>1,317,652</b>	<b>21,197,431</b>	<b>31,631,738</b>

**Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton  
Windsor, Winnipeg, and Vancouver, 1953 - Continued**

**WINNIPEG METROPOLITAN AREA - Concluded**

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Chemicals and Allied Products:</b>						
Gases compressed.....	3	80	234,794	19,100	145,048	1,059,768
Medicinal and pharmaceutical preparations.....	9	135	306,412	11,667	544,425	1,633,309
Miscellaneous chemical products.....	7	73	174,426	6,405	680,787	980,753
Paints varnishes and lacquers.....	5	249	627,962	29,051	2,684,276	5,315,541
Soaps, washing compounds and cleaning preparations.....	6	28	56,788	7,667	119,193	287,919
All other industries <sup>12</sup> .....	9	81	192,141	33,299	1,339,313	1,823,825
<b>Totals.....</b>	<b>39</b>	<b>646</b>	<b>1,592,523</b>	<b>107,189</b>	<b>5,513,042</b>	<b>11,101,115</b>
<b>Miscellaneous Manufacturing Industries:</b>						
Brooms, brushes and mops.....	6	110	242,091	6,430	422,701	793,994
Scientific and professional equipment.....	9	60	154,707	3,688	100,615	304,749
Signs electric neon and other.....	7	153	459,471	42,667	157,926	1,326,944
Stamps and stencils, rubber and metal.....	6	18	46,775	505	10,654	67,584
Statuary, art goods and novelties.....	9	129	229,668	6,416	137,076	506,844
All other industries <sup>13</sup> .....	15	162	367,021	23,494	991,136	1,742,059
<b>Totals.....</b>	<b>52</b>	<b>632</b>	<b>1,499,733</b>	<b>88,200</b>	<b>1,820,108</b>	<b>4,742,174</b>
<b>Grand Totals, Metropolitan Winnipeg.....</b>	<b>1,018</b>	<b>38,449</b>	<b>107,011,108</b>	<b>5,821,089</b>	<b>301,907,085</b>	<b>505,438,005</b>

1. Includes: Animal oils and fats 2; biscuits 2; cheese process 1; foods breakfast 2; macaroni and kindred products 2; sugar refining 1; and also rubber products group 1.  
2. Includes: Also leather tanneries 1.  
3. Includes: Automobile accessories, fabric 2; carpets, mats and rugs 2; narrow fabric 1; woollen cloth 1.  
4. Includes: Clothing contractors, women 1; miscellaneous clothing products 3.  
5. Includes: Coffins and caskets 2; excelsior 1; miscellaneous wood products 10.  
6. Includes: Pulp and paper 2; roofing paper 4.  
7. Includes: Engraving electrotyping and stereotyping 5; lithographing 2; trade composition 2.  
8. Includes: Boilers and plate work 1; bridge building and structural steel 3; castings iron 5; machinery, household office and store 1; primary iron and steel 1; wire and wire goods 2.  
9. Includes: Also aluminum products 1.  
10. Includes: Batteries 2; machinery heavy electric 2; radios and radio parts 1; refrigerators, vacuum cleaners and appliances 6.  
11. Includes: Clay products from domestic clay 1; concrete products 3; gypsum products 2; lime 2; miscellaneous non-metallic mineral products 3 and coke and gas products 1; miscellaneous products of petroleum and coal 1; petroleum products 3; sand-lime brick 1.  
12. Includes: Adhesives 1; coal tar distillations 2; inks 2; toilet preparations 3; vegetable oils 2.  
13. Includes: Artificial flowers and feathers 1; clocks, watches and watch cases 2; ice artificial 1; lamps electric and lamp shades 2; models and patterns excluding paper 1; plastic products 4; sporting goods 1; toys and games 2; hair goods 1.

**The Following Municipalities are Included in Greater Winnipeg**

Industry	Estab- lish- ments	Employees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
St. Boniface.....	91	4,511	13,963,131	1,128,044	103,964,841	134,377,531
Transcona.....	7	2,647	8,582,430	316,689	14,793,392	25,766,894
Winnipeg.....	860	28,230	76,008,218	3,266,587	156,860,845	300,186,774
Kildonan East and North Municipalities.....	13	343	1,224,587	627,199	13,489,501	18,881,122
All other <sup>1</sup> .....	47	2,718	7,232,742	482,570	12,798,506	26,225,684
<b>Totals, Metropolitan Winnipeg.....</b>	<b>1,018</b>	<b>38,449</b>	<b>107,011,108</b>	<b>5,821,089</b>	<b>301,907,085</b>	<b>505,438,005</b>

1. Includes: Tuxedo, St. Vital Municipality, Fort Garry Municipality, Old Kildonan Municipality, Kildonan West Municipality, St. James Municipality, Charleswood Municipality, Assiniboia Municipality.

**Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto,  
Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued**

**VANCOUVER METROPOLITAN AREA**

Industry	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Food and Beverages:</b>						
Biscuits .....	3	38	107,897	10,332	248,096	598,038
Bread and bakery products .....	130	1,905	4,871,817	397,755	7,154,599	15,451,562
Breweries .....	3	408	1,552,141	123,546	2,188,346	10,259,270
Butter and cheese .....	11	1,318	3,913,964	383,234	10,507,244	16,279,387
Carbonated beverages .....	8	220	612,984	79,402	903,302	3,330,141
Confectionery .....	20	249	498,983	35,643	729,293	1,621,612
Dairy products, other .....	5	107	289,621	49,221	1,081,068	1,901,282
Feeds, stock and poultry, prepared .....	10	432	1,169,761	120,540	7,468,992	9,777,933
Fish processing .....	42	1,568	4,418,632	323,502	20,935,524	34,888,495
Foods, breakfast .....	3	15	22,857	986	65,651	99,521
Fruit and vegetable preparations .....	24	1,002	2,278,853	132,972	9,124,581	14,577,020
Miscellaneous food preparations .....	40	829	1,954,367	132,744	33,089,631	39,914,057
Slaughtering and meat packing .....	9	1,457	4,968,587	305,460	44,018,659	52,872,946
Sausages and sausage casings .....	8	106	291,421	15,475	1,094,771	1,827,115
All other <sup>1</sup> .....	10	1,204	3,625,668	410,782	14,862,491	25,172,155
<b>Totals .....</b>	<b>326</b>	<b>10,558</b>	<b>30,577,553</b>	<b>2,521,594</b>	<b>153,472,248</b>	<b>228,570,534</b>
<b>Leather products:</b>						
Footwear, leather .....	9	237	588,885	12,273	1,254,054	2,006,737
Leather gloves and mittens .....	4	78	171,010	2,019	220,276	442,397
All other <sup>2</sup> .....	7	157	323,250	17,995	559,617	1,200,476
<b>Totals .....</b>	<b>20</b>	<b>472</b>	<b>1,083,145</b>	<b>32,287</b>	<b>2,033,947</b>	<b>3,649,610</b>
<b>Textile Products (Except Clothing):</b>						
Awnings tents and sails .....	6	142	317,883	4,185	587,371	1,053,086
Oilcloth, linoleum and other coated fabrics .....	3	12	22,518	2,946	64,452	108,177
Miscellaneous textiles .....	6	55	104,787	5,655	383,543	624,545
All other <sup>3</sup> .....	15	407	1,006,645	79,306	3,345,614	5,181,309
<b>Totals .....</b>	<b>30</b>	<b>616</b>	<b>1,451,833</b>	<b>92,092</b>	<b>4,380,980</b>	<b>6,967,117</b>
<b>Clothing (Textile and Fur):</b>						
Clothing, men's factory .....	21	574	1,178,474	21,518	2,219,933	4,145,035
Clothing, women's factory .....	22	641	1,451,856	17,122	2,388,062	4,477,428
Fur goods .....	23	116	247,523	9,023	306,250	659,048
All other <sup>4</sup> .....	7	287	569,569	10,867	835,245	1,979,651
<b>Totals .....</b>	<b>73</b>	<b>1,618</b>	<b>3,447,422</b>	<b>58,530</b>	<b>5,749,490</b>	<b>11,261,162</b>
<b>Wood Products:</b>						
Boxes and baskets wood .....	13	73	157,091	5,013	213,885	475,004
Coffins and caskets .....	6	68	157,491	5,162	286,998	542,865
Furniture .....	136	1,784	4,859,006	133,253	7,250,510	14,530,495
Miscellaneous wood products .....	30	526	1,774,722	110,218	5,103,206	8,106,446
Sash, doors and planing mills .....	73	1,132	3,465,979	142,350	7,125,553	12,581,873
Sawmills .....	111	10,027	35,584,850	1,198,632	66,973,020	131,749,137
Veneers and plywood .....	8	3,012	9,728,295	296,193	17,200,773	41,248,558
Woodenware .....	4	94	201,975	6,144	229,892	495,869
All other <sup>5</sup> .....	7	162	510,537	17,759	723,858	1,379,985
<b>Totals .....</b>	<b>388</b>	<b>16,878</b>	<b>56,439,946</b>	<b>1,914,724</b>	<b>105,107,695</b>	<b>211,110,232</b>
<b>Paper Products:</b>						
Boxes, bags, paper .....	14	759	2,239,316	78,191	8,579,800	13,274,298
Miscellaneous paper goods .....	12	638	1,779,148	57,449	7,528,545	11,515,385
All other <sup>6</sup> .....	5	837	4,162,157	741,213	5,631,977	9,528,408
<b>Totals .....</b>	<b>31</b>	<b>2,234</b>	<b>8,180,621</b>	<b>876,853</b>	<b>21,740,322</b>	<b>34,318,091</b>

## Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 - Continued

## VANCOUVER METROPOLITAN AREA - Continued

Industry	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Value of factory shipments
	No.	No.	\$	\$	\$	\$
Printing Publishing and Allied Industries:						
Engraving, stereotyping and electrotyping .....	8	123	534,306	10,818	130,448	853,984
Lithographing .....	7	248	823,335	16,953	892,970	2,070,274
Printing and bookbinding .....	103	1,027	3,231,825	79,965	2,191,781	6,775,101
Printing and publishing .....	21	1,768	7,101,612	96,938	4,542,156	16,366,263
Printing (only) of periodicals .....	112	291	599,247	—	1,343,375	2,986,038
Trade composition .....	3	31	104,143	4,448	26,426	143,204
<b>Totals .....</b>	<b>254</b>	<b>3,488</b>	<b>12,394,478</b>	<b>209,122</b>	<b>9,127,156</b>	<b>29,194,864</b>
Iron and Steel Products:						
Boilers and platework .....	11	531	2,335,619	89,085	2,415,508	5,301,522
Castings, iron .....	12	413	1,434,667	45,816	798,805	3,139,179
Hardware, tools and cutlery .....	15	433	1,259,488	64,655	2,050,524	4,524,559
Heating and cooking apparatus .....	10	254	668,028	19,046	549,072	1,777,162
Machine shops .....	45	433	1,522,299	51,697	900,815	3,181,572
Machinery industrial .....	36	1,375	5,189,873	150,914	2,963,856	12,033,127
Miscellaneous iron and steel products .....	32	278	936,569	77,592	1,592,880	3,825,488
Primary iron and steel .....	6	418	1,583,570	276,374	1,798,983	5,024,551
Sheet metal products .....	25	803	2,869,761	126,562	9,002,288	14,064,543
Wire and wiregoods .....	12	300	1,045,522	42,194	2,665,673	5,033,185
All other .....	9	1,585	6,272,396	194,459	8,928,749	24,566,289
<b>Totals .....</b>	<b>213</b>	<b>6,823</b>	<b>25,117,792</b>	<b>1,138,394</b>	<b>33,667,153</b>	<b>82,471,177</b>
Transportation Equipment:						
Boat building .....	39	181	483,940	10,294	360,192	1,012,715
Motor vehicle parts .....	16	232	789,705	27,930	866,208	2,004,462
Ship building .....	19	1,836	7,079,210	226,278	3,150,898	17,621,159
All other .....	4	302	1,022,738	54,479	1,120,445	2,429,552
<b>Totals .....</b>	<b>78</b>	<b>2,551</b>	<b>9,375,593</b>	<b>318,981</b>	<b>5,497,743</b>	<b>23,067,888</b>
Non-ferrous Metal Products:						
Aluminum Products .....	7	107	348,277	18,874	421,145	1,213,163
Brass and copper products .....	14	217	741,709	41,266	693,237	2,007,253
Jewellery and silverware .....	10	59	110,853	1,840	127,486	351,636
All other <sup>7</sup> .....	3	88	272,143	28,127	997,224	1,230,247
<b>Totals .....</b>	<b>34</b>	<b>471</b>	<b>1,472,982</b>	<b>90,107</b>	<b>2,239,092</b>	<b>4,802,299</b>
Electrical Apparatus and Supplies:						
Miscellaneous electrical apparatus and supplies ..	11	166	521,385	21,070	2,395,907	3,606,883
Radios and radio parts .....	11	158	474,887	12,499	378,978	986,246
Refrigerators, vacuum cleaners and appliances ..	3	21	73,836	3,017	81,075	290,181
All other <sup>8</sup> .....	6	274	957,491	18,918	1,508,416	3,494,114
<b>Totals .....</b>	<b>31</b>	<b>619</b>	<b>2,027,599</b>	<b>55,504</b>	<b>4,364,376</b>	<b>8,377,424</b>
Non-metallic Mineral Products:						
Concrete products .....	14	417	1,415,267	208,007	2,690,018	5,139,846
Glass and glass products .....	8	93	228,592	9,590	208,352	488,301
Miscellaneous non-metallic mineral products .....	6	32	94,049	9,811	103,037	256,335
Stone products .....	5	70	187,090	24,494	263,483	657,319
All other .....	8	170	526,785	173,409	1,188,496	2,857,139
<b>Totals .....</b>	<b>41</b>	<b>782</b>	<b>2,451,783</b>	<b>425,311</b>	<b>4,453,386</b>	<b>9,398,940</b>
Products of Petroleum and Coal:						
<b>Totals<sup>9</sup> .....</b>	<b>4</b>	<b>707</b>	<b>2,706,046</b>	<b>890,562</b>	<b>21,663,455</b>	<b>28,124,170</b>



**Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1953 — Continued**

**VANCOUVER METROPOLITAN AREA — Concluded**

Industry	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Value of factory shipments
	No.	No.	\$	\$	\$	\$
<b>Chemicals and Allied Industries:</b>						
Fertilizers .....	4	47	158,090	6,923	700,771	1,177,853
Gases, compressed .....	3	99	330,521	34,579	207,105	1,484,006
Medicinal and pharmaceutical preparations .....	6	32	78,802	2,966	129,933	279,404
Miscellaneous chemical products .....	16	75	216,968	9,713	772,447	1,318,666
Paints, varnishes and lacquers .....	11	229	675,833	36,821	1,959,246	3,872,923
Polishes and dressings .....	5	17	50,670	2,270	34,673	116,648
Soaps, washing compounds and cleaning prepara- tions .....	14	74	211,132	7,791	287,758	1,068,258
Toilet preparations .....	5	8	10,960	1,312	9,212	47,252
All other <sup>10</sup> .....	9	159	471,547	75,486	4,695,155	5,965,979
<b>Totals .....</b>	<b>72</b>	<b>740</b>	<b>2,204,523</b>	<b>177,861</b>	<b>8,796,300</b>	<b>15,330,989</b>
<b>Miscellaneous Manufacturing Industries:</b>						
Ice, artificial .....	7	66	190,806	56,104	16,558	397,203
Models and patterns excluding paper .....	4	26	106,329	1,639	19,183	147,163
Plastic products .....	8	56	107,517	3,299	120,737	298,722
Scientific and professional equipment .....	9	36	73,437	2,744	19,722	138,094
Signs electric, neon and others .....	11	344	1,192,085	32,661	833,239	4,231,635
Sporting goods .....	9	66	132,662	7,011	224,231	413,975
Stamps and stencils rubber and metal .....	7	62	165,868	5,239	66,644	262,976
Statuary, art goods and novelties .....	9	24	42,811	1,463	16,320	80,904
All other <sup>11</sup> .....	17	247	557,229	21,764	682,002	1,501,898
<b>Totals .....</b>	<b>81</b>	<b>927</b>	<b>2,568,744</b>	<b>131,923</b>	<b>1,998,636</b>	<b>7,472,570</b>
<b>All other Major Groups:</b>						
<b>Totals<sup>12</sup> .....</b>	<b>5</b>	<b>48</b>	<b>128,194</b>	<b>11,721</b>	<b>76,709</b>	<b>421,326</b>
<b>Grand Totals, Metropolitan Vancouver .....</b>	<b>1,681</b>	<b>49,532</b>	<b>161,628,254</b>	<b>8,945,566</b>	<b>348,368,688</b>	<b>704,538,393</b>

1. Includes: Animal oils and fats 2; distilled liquors 2; flour mills 1; macaroni and kindred products 3; sugar refining 1; wines 1.
2. Includes: Miscellaneous leather products 5; leather tanneries 2.
3. Includes: Automobile accessories fabric 1; bags cotton and jute 2; cordage rope and twine 2; cotton yarn and cloth 1; embroideries pleating hemstitching etc. 3; miscellaneous cotton goods 1; miscellaneous woollen goods 2; woollen cloth 3.
4. Includes: Hats and caps 1; hosiery 3; misclothing 1; knitted goods 2.
5. Includes: Beekeepers and poultrymen's supplies 1; cooperage 2; flooring hardwood 1; wood turning 3.
6. Includes: Pulp and paper 3; roofing paper 2.
7. Includes: White metal alloys 2; miscellaneous non-ferrous metal products 1.
8. Includes: Batteries 4; heavy electrical equipment 2.
9. Includes: Coke and gas products 1; miscellaneous products of petroleum and coal 3.
10. Includes: Acids, alkalies and salts 1; adhesives 3; coal tar distillations 1; primary plastics 2; vegetable oils 1.
11. Includes: Brooms, brushes and mops 5; fountain pens and pencils 1; hair goods 2; lamps electric and lamp shades 3; musical instruments 1; toys and games 1; umbrellas 3; typewriter supplies 1.
12. Includes: Tobacco and tobacco products 2; rubber products 3.

**The Following Municipalities are Included in Greater Vancouver**

Industry	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Value of factory shipments
	No.	No.	\$	\$	\$	\$
New Westminster .....	125	6,382	20,429,568	1,283,140	58,526,637	111,470,580
North Vancouver .....	58	2,205	8,430,582	365,325	11,116,092	28,955,571
Port Coquitlan .....	5	50	153,573	23,205	239,602	434,315
Port Moody .....	6	561	1,864,037	14,775	3,340,763	6,651,394
Vancouver .....	1,316	33,822	108,896,725	5,448,266	255,906,780	448,591,543
Burnaby District .....	49	2,051	7,545,006	704,480	20,965,049	42,867,357
Coquitlam District .....	5	9	7,580	680	19,060	34,060
North Vancouver District .....	19	319	1,098,632	85,845	1,957,969	4,148,355
Richmond District .....	49	2,101	7,075,201	899,121	21,769,903	38,963,220
All other <sup>1</sup> .....	49	2,032	6,127,350	120,729	10,526,833	22,421,998
<b>Totals, Metropolitan Vancouver .....</b>	<b>1,681</b>	<b>49,532</b>	<b>161,628,254</b>	<b>8,945,566</b>	<b>348,368,688</b>	<b>704,538,393</b>

1. Includes: Fraser Mills Municipality; Survey District Municipality; University Endowment Area; West Vancouver District Municipality.

## APPENDIX II

### Alphabetical List of the Products Reported as having been Manufactured in Canada in 1953

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a 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 38,107 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 two of the larger groups. 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 manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.9 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 6.8 per cent and in transportation equipment 4.7 per cent. With the exception of these groups, 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.

It should be noted that a shipment's concept instead of the value of production concept was adopted in 1952. The new concept was applied to a large number of industries where it was known that inventory changes from year to year was only of a minor nature. The new concept was extended to other industries in 1953 and it is hoped to convert all industries to the shipment's concept by 1954. The alphabetical list of products for 1953, therefore, refers to commodities shipped and not to the value of commodities produced.

## Alphabetical List of Commodities, 1953

Note: In 1952 and subsequent years the basis of collection is "Value of Factory Shipments" instead of "Gross Value of Products". However, the commodities marked\* are still on a production basis.

Items	Unit of measure	Quantity	Value of factory shipments
			\$
Abrasive cloth.....	—	—	1
Abrasive paper.....	—	—	1
Abrasive wheels and segments.....	—	—	5,073,340
Absorbent cotton.....	—	—	1
Accelerators, synthetic.....	—	—	1
Acetaldehyde.....	—	—	1
Acetic anhydride.....	—	—	1
Acetone.....	—	—	1
Acetylene in cylinders or pipe line.....	cu. ft.	283,310,482	6,042,186
Acid, acetic, glacial, 99½%.....	—	—	1
Acid, citric.....	—	—	1
Acid, cresylic.....	—	—	1
Acid, fatty, coconut, tallow, etc.....	lb.	8,332,949	948,828
Acid, hydrochloric (muriatic).....	—	—	1
Acid, hydrofluosilicic.....	—	—	1
Acid, monochloro acetic.....	—	—	1
Acid, nitric.....	—	—	1
Acid, phosphoric.....	—	—	1
Acid, stearic.....	—	—	1
Acid, sulphuric:			
Quantity made*.....	lb.	1,645,216,590	—
Quantity shipped.....	"	1,452,900,263	9,104,854
Acids, not specified.....	—	—	697,158
Adhesives, n.e.s.....	—	—	1,921,517
Advertising matter, printed, n.e.s.....	—	—	41,232,621
Advertising novelties and displays (see "Displays" and "Novelties")	—	—	—
Agitators, mining and metallurgical.....	—	—	1
Agricultural implements and parts, n.e.s.....	—	—	13,660,007
Air conditioning equipment n.e.s.....	—	—	2,823,096
Aircraft and parts:			
Aircraft completed during the year*.....	—	—	174,847,321
Aircraft being built but not completed*.....	—	—	74,313,983
Aircraft repairs (value of work done)*.....	—	—	28,257,062
Aircraft parts manufactured*.....	—	—	54,084,579
Value of work done on developing aircraft and engines, including other products n.e.s.*	—	—	135,037,964
Value of work done in 1952 on aircraft completed in 1953*.....	—	—	65,270,503
Albumen, (included in "Egg substitute")	—	—	—
Alcohol, butyl.....	—	—	1
Alcohol, industrial, (produced)*.....	pf. gal.	6,206,226	2,163,114
Alcohol, industrial, (sold):			
Denatured:			
Antifreeze.....	st. gal.	487,744	611,912
Perfume manufacturing.....	"	210,873	245,223
Rubbing alcohol.....	" "	129,773	124,555
Solvents and cleaning fluids.....	" "	1,781,254	1,372,034
Other, including that for hospitals, research, etc.....	" "	770,419	557,668
Not denatured.....	pf. gal.	3,777,018	1,651,349
Alcohol, isopropyl.....	—	—	1
Alcohol, polyvinyl.....	—	—	1
Alkylate.....	—	—	1
Alkylation feed stocks.....	—	—	1
Alloys, cutting.....	—	—	1
Alloy, die casting.....	—	—	1
Almond paste.....	lb.	11,615,920	1,670,720
Alumina, fused (crude).....	"	245,351	72,350
Alumina, fused (abrasive grains).....	—	—	1
Alumina, hydrate.....	—	—	1
Aluminum bars, rods and ingots.....	—	—	1
Aluminum fluoride.....	—	—	1
Aluminum sulphate.....	—	—	1
Aluminum products, not elsewhere specified.....	—	—	15,367,620
Ammonia, anhydrous.....	—	—	1
Ammonia, aqua.....	—	—	1
Ammonia, powder.....	lb.	1,747,152	151,725
Ammonium chloride.....	"	4,653,505	367,094
Ammonium nitrate (regular).....	—	—	1
Ammonium nitrate (fertilizer grade).....	—	2	2
Ammonium phosphate.....	—	2	2
Ammonium sulphate, other than milled, screened and bagged.....	—	2	2
Ammonium sulphate, milled, screened and bagged.....	ton	574	38,173
Ammunition (see "Munitions and war supplies")	—	—	—
Antibiotics, including penicillin and streptomycin, etc.....	—	—	5,180,935
Anti-freeze preparations, glycol type.....	gal.	3,774,823	9,158,696
Anti-freeze, alcohol type (see "Alcohol, industrial, denatured, sold")	—	—	—
Apple butter*.....	lb.	62,628	11,605
Apple juice (included in "Fruit Juices")	—	—	—
Apple juice concentrate.....	—	—	1
Apple pomace, chop and waste*.....	lb.	2,599,552	70,677
Apples, evaporated and dehydrated*.....	"	706,997	189,847
Aprons, oiled and rubberized.....	doz.	2,118	48,731
Aprons, fabric:			
Children's.....	"	9,132	44,983
Men's and youths'.....	"	17,690	220,136
Women's and misses'.....	"	157,912	944,480
Not specified.....	"	14,962	135,137
Aprons, plastic.....	"	77,299	254,972
Archery tackle.....	—	—	1

1. Indicates the commodity was reported by only one or two concerns.  
2. Included in "Fertilizers, other than mixed".

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipments
			\$
Armlets and sleeve supporters .....	doz.	16,914	35,367
Artists' brushes (included in "Brushes, other not specified") .....	—	—	274,111
Artware, pottery (see also "Pottery") .....	—	—	172,720
Art needlework .....	—	—	3,621,000
Art work (printing) .....	—	—	7,434,147
Asbestos products, including clutch facings .....	—	—	24,184,569
Asphalt* .....	—	—	2,087,602
Asphalt emulsion .....	gal.	11,187,281	1,139,234
Asphalt products, n.e.s. ....	—	—	1
Atomizers .....	—	—	—
Automobiles, commercial:			
5,000 lbs. or less:			
For sale in Canada .....	No.	52,813	69,880,478
For export .....	"	9,247	6,446,276
5,001 to 10,000 lbs.:			
For sale in Canada .....	"	18,987	31,101,981
For export .....	"	2,270	1,896,223
10,001 to 14,000 lbs.:			
For sale in Canada .....	"	3,725	5,814,284
For export .....	"	1,492	1,720,392
14,001 to 16,000 lbs.:			
For sale in Canada .....	"	11,639	23,647,764
For export .....	"	6,577	7,794,364
16,001 to 19,500 lbs.:			
For sale in Canada .....	"	8,315	19,818,106
For export .....	"	4,080	19,353,534
19,501 to 26,000 lbs.:			
For sale in Canada .....	"	216	433,630
For export .....	"	576	4,347,087
Over 26,000 lbs.:			
For sale in Canada .....	"	—	—
Automobiles, passenger:			
Convertible cars:			
Soft top:			
For sale in Canada .....	No.	1,690	3,589,626
Hard top:			
For sale in Canada .....	"	16,195	30,088,617
For export .....	"	41	67,222
Permanent closed cars:			
Coupe:			
For sale in Canada .....	"	12,887	19,374,343
For export .....	"	129	172,961
2 Door Sedan:			
For sale in Canada .....	"	71,902	102,393,765
For export .....	"	58	79,361
4 Door Sedan:			
For sale in Canada .....	"	210,450	338,865,599
For export .....	"	24,019	25,737,181
Station wagon type:			
For sale in Canada .....	"	2,768	4,518,289
For export .....	"	99	159,991
Other models:			
For sale in Canada .....	"	4,043	6,800,636
Chassis (sold without bodies):			
For sale in Canada .....	"	2	1,649
For export .....	"	16,102	7,674,761
Buses or coaches:			
Complete:			
For sale in Canada .....	"	375	6,370,438
Chassis only .....	"	262	458,392
Automobiles, not specified .....	—	—	7,500
Automobile, bus and truck bodies and cabs .....	—	—	18,345,086
Automobile bumpers and bumperettes .....	—	—	7,118,336
Automobile cloth .....	sq. yd.	2,053,899	4,856,798
Automobile headlights and parts .....	—	—	4,383,054
Automobile parts and accessories, not specified .....	—	—	199,690,575
Awnings, aluminum .....	—	—	1,874,691
Awnings and verandah curtains, fabric .....	—	—	2,004,477
Axes and hatchets .....	No.	493,839	815,027
Axes and shafts, automobile .....	—	—	14,488,686
Axes, not specified .....	—	—	3,785,759
Babies' high chair sets, commodes and other baby supplies .....	—	—	1,756,129
Babbitt metal .....	lb.	2,879,263	1,168,778
Badges (included under "Regalia") .....	—	—	—
Bags:			
Cosmetic, plastic .....	—	—	169,008
Cotton .....	No.	46,282,578	10,689,304
Jute .....	"	67,903,468	12,317,543
Garment, fabric .....	doz.	41,750	667,435
Garment, plastic .....	"	121,697	775,371
Hand, leather .....	No.	758,257	3,579,293
Hand, other .....	—	—	4,185,769
Hand, parts .....	—	—	280,892
Shopping, sports, etc., leather .....	No.	36,840	561,355
Shopping, sports, etc., fabric .....	"	169,589	345,324
Sleeping .....	"	35,137	886,305
Club bags, suit cases and other hand luggage .....	—	—	6,122,279
School bags .....	No.	342,013	643,797
Fabric bags, not specified .....	—	—	1,326,194
Fabric bags, repaired .....	—	—	1,061,141

1. Indicates the commodity was reported by only one or two concerns.



## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipments
			\$
Bags, paper:			
Glassine and cellophane .....	—	—	7,038,043
Millinery, garment and laundry .....	—	—	1,716,932
Self-opening .....	—	—	7,675,323
Tea bags, individual .....	—	—	1
Wedge, including notion and novelty bags .....	—	—	2,332,308
Paper, not specified, including multiwall .....	—	—	30,341,399
Bags, plastic (see also "Bags, cosmetic" and "Bags, garment") .....	—	—	1,931,411
Bags, rubber, air and steam* .....	—	—	1
Bags, rubberized, n.e.s.* .....	—	—	1
Bakers' equipment (see also "Machinery, bakers") .....	—	—	198,784
Bale ties—Quantity made .....	ton	2,741	—
Quantity shipped .....	"	2,791	516,781
Balls, grinding .....	—	—	3,276,665
Ball and rod mills, grinding .....	—	—	965,603
Balloons* .....	gr.	111,484	334,011
Balls, baseball .....	doz.	21,496	317,954
Balls, golf, complete .....	"	113,327	725,431
Balls, softball .....	"	23,050	301,370
Balls, other, including bladders, centres etc.* .....	—	—	871,553
Barley, pot and pearl .....	ton	2,429	267,044
Barn and stable equipment, not elsewhere specified .....	—	—	1,915,792
Barrels, wooden:			
Apple, etc. ....	No.	440,080	845,339
Fish, slack .....	"	41,368	84,264
Fish, tight .....	"	81,851	228,770
Flour, sugar etc. ....	"	77,561	148,145
Oil, vinegar, water, etc. ....	"	142,345	969,399
Whiskey, beer, etc. ....	"	41,779	883,276
Barrels, steel .....	"	907,304	3,244,070
Barrels, repaired, etc. ....	—	—	607,705
Barrels, n.e.s. ....	—	—	21,726
Bars and ingots, aluminum (see "Aluminum bars, rods and ingots") .....	—	—	—
Bars and rods, brass and bronze .....	—	—	1
Bars, iron and steel:			
Hot rolled, of all grades:			
Quantity made .....	net ton	560,785	—
Quantity shipped .....	"	427,700	57,200,781
Cold rolled and drawn:			
Quantity made .....	"	45,954	—
Quantity shipped .....	"	46,094	10,971,376
Not specified, shipped .....	"	186,893	21,544,099
Basket bottoms .....	—	—	285,474
Baskets and crates, fruit and vegetable .....	—	—	3,066,078
Baskets, other, not specified .....	—	—	539,206
Bathing caps .....	doz.	25,507	122,543
Bathing shoes .....	—	—	1
Bathing suits .....	doz.	118,373	4,364,390
Bath mats and sets .....	—	—	266,446
Bathrobes, kimonos, lounging jackets etc.:			
Cotton:			
Women's and misses' .....	doz.	25,018	1,185,490
Children's .....	"	9,728	212,116
Rayon and silk:			
Women's and misses' .....	"	23,169	1,879,274
Men's and youths' .....	"	6,924	724,966
Children's .....	"	618	20,828
Wool and flannel:			
Women's and misses' .....	"	7,424	770,010
Men's and youths' .....	"	7,565	963,802
Children's .....	"	1,285	47,425
Not specified:			
Women's and misses' .....	"	4,770	397,498
Men's and youths' .....	"	4,630	209,664
Other .....	"	2,934	158,108
Bats, baseball .....	No.	207,511	164,802
Batteries:			
Storage, for automobiles and other internal combustion engines .....	"	1,769,708	16,641,612
Storage, for railway service (cells) .....	"	17,388	697,557
Storage, for farm lighting plants (cells) .....	"	29,331	310,153
Storage, for direct motive power (industrial trucks, mine locomotives, etc.) .....	"	2,847	1,440,217
Storage, for all other purposes .....	—	—	807,176
Dry cell, 6 in. batteries .....	No. of cells	1,996,054	1,001,833
Dry cell, radio, for portable sets .....	"	13,616,104	721,463
Dry cell, radio, for non-portable sets .....	"	33,740,178	3,097,558
Dry cell, flashlight .....	"	25,468,219	2,396,476
Dry cell, hearing aid "A" .....	—	—	552,783
Dry cell, hearing aid "B" .....	—	—	—
Dry cell, all other .....	—	—	—
Parts and supplies for batteries .....	—	—	2,759,164
Battery containers, covers, etc.* .....	—	—	2,669,746
Batts, wadding, and rolls including auto batts (see also "Flocks") .....	No.	7,584,400	5,567,163
Bearings, ball, roller, pillow blocks, engine and other bearings, not specified .....	—	—	7,536,110
Beauty parlour equipment (see also "Hair dressing accessories") .....	—	—	364,134
Beds and couches:			
Beds, metal .....	No.	159,455	2,199,833
Studio couches, metal and other .....	"	74,180	4,722,379
Couches, other than studio, metal .....	"	37,531	548,858
Cots and bunks, metal .....	"	84,346	765,612
Cribs, metal .....	"	26,652	267,406

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipments
			\$
Beds, camp.....			
Bedsprings and bed sets:	No.	4,202	51,772
Cotton.....	"		
Silk, rayon and rayon mixtures.....	"	330,004	2,081,835
Not specified.....	"	210,113	663,560
Beef extract.....	"		75,050
Beekeepers' supplies, n.e.s.....	"		1
Beer, ale, stout and porter (sales):			168,099
Bottled and canned.....			
Draught.....	gal.	156,714,531	266,802,904
Beer, spruce.....	"	50,193,683	57,401,035
Beet pulp, wet and dried.....	"		1
Belting, leather (transmission).....	ton	136,543	2,222,358
Belting, rubber*.....	lb.	257,881	1,115,774
Belts, automobile, fan*.....	"	6,233,189	6,068,090
Belts, body, not specified.....	No.	1,538,547	925,149
Belts, rubber, other*.....	"		4,674,351
Belts and aprons, sanitary.....	No.	1,822,162	2,449,690
Benzol.....	"		358,712
Bicycles.....	"		4,364,751
Bicycle parts.....	No.	101,615	3,566,507
Billiard and bowling supplies, n.e.s.....	"		430,369
Binders, loose-leaf and other.....	"		1,913,987
Binders, corn.....	No.		3,564,323
Binders, grain.....	"	91	39,194
Binding and stitching (trade work).....	"	1,763	800,916
Bindings (see also "Tapes"):	"		2,812,780
Cotton.....	"		939,795
Silk, rayon and rayon mixtures.....	"		305,011
Other.....	"		88,271
Bins and hoppers.....	"		1,270,627
Biologicals and vaccines.....	"		3,267,902
Biscuits, plain and fancy.....	lb.	193,202,712	59,588,348
Biscuits, soda.....	"	46,237,875	10,836,611
Black, acetylene.....	"		1
Black (carbon black).....	"		1
Blackboards, asbestos and other.....	"		1
Blankets:			1
Cotton and cotton mixtures.....	pr.	1,814,382	
All wool.....	lb.	6,597,541	7,651,297
Other, including crib.....	pr.	292,466	
Slumber throws.....	lb.	2,003,080	3,722,842
Blankets, electric.....	No.	57,431	1,403,204
Blankets and covers, horse.....	"	13,990	216,182
Blankets, rubber, printers*.....	"	6,784	328,763
Bleaching compounds.....	lb.	92,517	51,376
Blinds, venetian (see "Shades and blinds").....	"		147,435
Blood, animal, dried, edible.....	"		1
Blood, animal, dried, inedible.....	lb.	3,484,108	163,685
Blooms, billets, slabs and sheet bars, (including, blanks):			
Quantity made.....	net ton	2,870,860	
Quantity shipped.....	"	279,986	25,228,604
Blouses, women's, misses' and children's:			
Cotton, women's and misses'.....	doz.	249,075	4,889,714
Cotton, children's.....	"	88,496	1,220,140
Nylon, children's.....	"	32,313	630,763
Nylon, women's and misses'.....	"	210,618	6,569,803
Rayon, women's and misses'.....	"	76,975	2,369,971
Rayon, children's.....	"	9,275	173,978
Rayon mixtures, women's and misses'.....	"	117,452	3,027,155
Rayon mixtures, children's.....	"	7,158	137,693
Woollen, women's and misses'.....	"	31,170	1,062,571
Woollen, children's.....	"	1,827	37,056
Other, women's and misses'.....	"	13,894	427,393
Other, children's.....	"	63	2,523
Blow torches.....	"		1
Blowers for domestic furnaces.....	No.	32,878	814,416
Blue, laundry.....	"		1
Boats, life and whale.....	No.	111	199,318
Boats, motor.....	"	607	2,049,343
Boats, outboard motor.....	"	9,853	2,288,668
Boats, sail.....	"	126	83,260
Boats, other including row boats, skiffs, etc., (see also "Canoes").....	"	12,464	1,673,549
Boat parts.....	"		1
Boiler compound.....	"		1
Boilers, heating, all types.....	No.	19,017	7,491,265
Boilers, power.....	"		10,981,438
Boilers, range and wash.....	"		3,285,671
Boilers, not specified.....	"		10,841
Boiler and engine parts and accessories.....	"		3,792,952
Bologna, weiners, and blood puddings.....	lb.	104,751,252	29,716,659
Bolt, nuts and rivets.....	"		19,615,115
Bone and meat meal and flour.....	lb.	18,603,938	799,636
Bone, raw, ground, etc.....	"	43,055,339	816,164
Book cloth, pyroxylin coated (included in "Fabrics, coated and impregnated").....	"		
Books, printed and bound, chiefly for advertising.....	"		3,593,243
Books, printed and bound, not chiefly for advertising.....	"		13,705,927
Books and pads, drawing, exercise, scribbles, etc., not elsewhere specified.....	"		3,509,468

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipments
			\$
Books, ledger and account.....	—	—	1,228,855
Books, counter, check, sales, etc.....	—	—	2,675,913
Books, blank, bound, not specified .....	—	—	1,821,879
Boron carbide.....	—	—	1
Bottles, paper, milk .....	—	—	1
Bottles, plastic .....	—	—	1
Bottles, thermos .....	—	—	1
Bowling supplies (included in "Billiard and bowling supplies")			
Box toes .....	pr.	11,894,793	415,417
Boxes, paper:			
Corrugated, including wrappers, etc. (see also "Wrappers").....	—	—	76,601,265
Fibre board.....	—	—	1,413,185
Folding.....	—	—	50,142,377
Set-up .....	—	—	15,307,773
Not specified.....	—	—	41,389
Boxes, plastic .....	—	—	418,281
Boxes, wooden:			
Apple.....	No.	287,909	126,602
Berry.....	"	24,217,172	356,250
Butter.....	"	1,174,915	843,902
Cheese .....	"	578,648	355,887
Cigar.....	—	—	1
Fish.....	No.	1,214,567	921,946
Meat.....	"	766,117	574,923
Plywood .....	"	366,732	1,347,540
Veneer.....	"	2,488,099	3,323,678
Not specified.....	—	—	5,253,197
Boxes, other, not specified .....	—	—	1,453,327
Box panels, plywood.....	—	—	323,149
Braids and gimps.....	—	—	1,395,569
Brake fluid .....	—	—	833,778
Brake beams (railway car).....	—	—	996,461
Brakes, auto, and parts .....	—	—	4,782,465
Brakes, brake shoes and parts (railway car).....	—	—	2,712,947
Bran.....	ton	329,587	15,798,793
Brass and bronze ingots.....	"	15,091	7,361,334
Brass and bronze products, not specified .....	—	—	1,844,633
Bread* .....	ton	778,771	171,795,150
Breakfast foods (see "Cereal products")			
Brewery and distillery equipment, n.e.s.....	—	—	1,511,312
Bricks, cement.....	M.	79,659	3,013,202
Bricks, domestic clay.....	"	426,683	18,371,648
Bricks, sand-lime .....	"	44,119	1,266,529
Briquettes, coal and coke .....	—	—	1
Bronze ingots (see "Brass and bronze ingots")			
Brooms:			
Corn.....	doz.	245,496	3,000,402
Fibre.....	"	28,547	359,062
Hair .....	"	3,031	128,243
Toy .....	"	12,930	47,996
Other.....	"	10,466	193,043
Brushes:			
Clothes .....	"	23,428	157,448
Cosmetic.....	"	80,222	355,187
Generator and motor .....	—	—	896,895
Hair.....	doz.	156,705	934,601
Nail.....	"	126,585	152,394
Paint.....	"	416,613	3,886,656
Shaving.....	"	31,889	360,185
Shoe.....	"	45,580	124,654
Tooth.....	"	392,256	659,294
For household purposes .....	"	650,868	1,291,507
For industrial use.....	"	254,774	1,434,241
Other, not specified .....	—	—	511,513
Brush blocks, backs, etc. ....	—	—	104,224
Buckles, clips, etc. ....	—	—	392,389
Buffing composition .....	—	—	407,167
Bufs, polishing, cotton .....	—	—	913,530
Building blocks, hollow, cement, cinder, sand-lime, etc.....	M.	115,319	25,352,466
Buildings (houses, etc., prefabricated).....	—	—	7,354,974
Bungs, barrel.....	—	—	52,071
Buns* .....	—	—	27,015,673
Burlap products .....	—	—	23,550
Burners, not specified .....	No.	7,185	172,201
Butane (included in "Gases, liquifying petroleum")			
Butter, whey, factory made .....	lb.	1,815,393	946,175
Butter, other, factory made .....	"	302,732,602	178,814,700
Buttons:			
Celluloid.....	—	—	376,426
Covered.....	—	—	63,900
Plastic .....	gr.	50,300	1,010,922
Metal.....	—	—	445,619
Moulded.....	gr.	564,256	1,607,494
Pearl.....	"	4,126,605	205,785
Not specified.....	—	137,990	486,707
Button covering, hemstitching, etc. ....	—	—	1,528,205
Butyl acetate .....	—	—	1
Butyraldehyde .....	—	—	1
Cabinets, ice cream .....	No.	5,089	1,794,055
Cabinets, phonograph, radio and television .....	—	—	12,386,509
Cabinets, silverware.....	—	—	1

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipments
			\$
Cabinets, other, including shower .....	—	—	682, 731
Caffeine .....	—	—	1
Calcium acid phosphate .....	—	—	1
Calcium carbide .....	—	—	1
Calcium chloride .....	—	—	1
Calcium cyanamide (included in "Fertilizers, other than mixed") .....	—	—	1
Calcium manganese silicon .....	—	—	1
Calcium naphthenate .....	—	—	1
Calks, horseshoe .....	—	—	1
Camel back .....	—	—	32, 681
Cameras .....	lb.	7, 956, 515	2, 989, 283
Candles and clergies:	—	—	1
Household .....	—	—	431, 524
Church, chapel and synagogue .....	—	—	1, 963, 875
Wax lights in tumblers .....	—	—	1
Candy sticks .....	—	—	109, 542
Canoes (see also "Boats") .....	—	—	258, 751
Cans, metal, cream and milk .....	—	—	700, 693
Cans, metal, for food .....	No.	85, 801	52, 876, 812
Cans, metal, non-food .....	—	—	21, 432, 133
Cans, garbage and ash .....	—	—	1, 582, 971
Cans, paper or fibre with metal ends .....	—	—	2, 444, 345
Cans, all paper or fibre .....	M.	95, 581	1
Canvas and canvas goods, not elsewhere specified .....	—	—	1, 032, 186
Capacitors, (Static condensers for power factor correction) .....	—	—	503, 674
Caps:			
Cloth .....	doz.	259, 896	2, 724, 059
Cotton .....	—	70, 551	167, 091
Fur .....	—	2, 564	61, 154
Leather .....	—	7, 195	104, 735
Sport .....	—	127, 266	1, 067, 836
Uniform .....	—	44, 994	1, 021, 159
Not specified .....	—	14, 433	90, 165
Caps, bottle:			
Metal, all kinds .....	—	—	11, 789, 398
Paper, milk bottle .....	—	—	1, 457, 903
Plastic .....	—	—	744, 392
Not specified .....	—	—	267, 176
Caramel butter .....	—	—	1
Carbon dioxide (cylinders and solid) .....	—	—	1
Carbon bisulphide .....	—	—	1
Carbon tetrachloride .....	—	—	1
Carbon products, not specified .....	—	—	564, 859
Carboxel (sodium carboxymethyl cellulose) .....	—	—	1
Cards, greeting .....	—	—	11, 730, 002
Cards, playing .....	—	—	1
Cards, visiting .....	—	—	130, 702
Carpets, mats, and rugs:			
Carpets in rolls, including stair:			
Axminster .....	carpet yard	590, 274	2, 224, 165
Tapestry .....	—	486, 740	1, 485, 279
Wilton .....	—	520, 410	3, 384, 755
Other, not specified .....	—	57, 673	250, 498
Carpets in squares, 4'6" x 7'6" or larger:			
Axminster .....	—	611, 398	2, 391, 813
Wilton .....	—	211, 540	1, 308, 930
Not specified .....	—	68, 319	274, 236
Small squares and runners:			
Axminster .....	—	75, 479	305, 345
Wilton .....	—	57	357
Other .....	—	34, 535	159, 476
Cocoa mats and matting .....	—	—	1
Rugs, wool, cotton, hooked, etc. ....	—	—	1, 487, 360
Rugs, made from old carpets .....	—	—	288, 618
Carpet sweepers .....	—	—	1
Carriages, sulkeys, etc., baby .....	No.	146, 468	2, 633, 829
Carriages, doll .....	—	144, 989	748, 250
Carriages and wagons, complete (see "Vehicles, Wheeled") .....	—	—	91, 892
Carriage and wagon bodies and boxes .....	—	—	47, 882
Carriage and wagon materials .....	—	—	85, 879, 182
Cars, steam, railway, new .....	No.	8, 464	1, 752, 399
Cars, dump, hand, push and other not specified .....	—	1, 610	62, 543
Carts, concrete .....	—	—	11, 126
Carvings, wood and other .....	—	—	1, 040, 222
Casein, dried .....	lb.	5, 271, 711	295, 676
Casein, green .....	—	3, 018, 259	1
Cases, clock .....	—	—	1, 313, 244
Cases, jewellery .....	—	—	824, 118
Cases, key, card, cigarette, utility, etc. ....	No.	761, 603	1, 167, 292
Cases, portfolios, brief, etc. ....	—	203, 134	1
Cases, toileware .....	—	—	200, 246
Cases, other, not specified .....	—	—	3, 487, 028
Caskets and coffins (completely assembled):			
Wooden, hardwood .....	No.	37, 892	291, 279
— imitation hardwood .....	—	5, 425	3, 328, 931
— cloth covered .....	—	66, 958	71, 570
— not specified .....	—	1, 247	209, 951
Metal .....	—	961	960, 117
Shells and rough boxes .....	—	80, 450	156, 032
Casks, fish .....	—	47, 763	10, 793
Casks, other .....	—	1, 426	

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Castings:			
Aluminum .....	lb.	13,614,644	10,252,019
Brass and bronze .....	"	37,100,772	16,268,642
Copper .....	"	133,225	108,615
Die .....	"	15,457,459	9,176,503
Grey iron .....	"	—	44,244,487
Magnesium .....	lb.	1,097,881	4,691,596
Malleable iron .....	ton	28,551	8,897,592
Iron, not specified .....	"	1,616	460,855
Lead .....	—	—	1
Steel:			
Quantity made .....	ton	106,520	—
Quantity shipped .....	"	101,217	42,203,929
Castings, not specified .....	—	—	3,705,514
Castors, all kinds .....	—	—	1,359,946
Catalogues, printed, etc. ....	—	—	14,694,918
Catsup (see "Tomato Catsup") ..	—	—	—
Caulking materials .....	—	—	1
Ceiling and siding, metal .....	—	—	241,533
Cellulose products, n.e.s. ....	—	—	1
Cement, asbestos .....	lb.	5,882,569	339,531
Cement, hydraulic (including containers) ..	—	—	62,227,924
Cement, linoleum .....	—	—	480,088
Cement, rubber .....	—	—	563,199
Cement, not specified .....	—	—	1,515,390
Cereal products:			
Prepared (ready to serve) .....	lb.	72,887,867	20,572,625
Unprepared .....	"	18,820,485	1,922,904
Not specified .....	"	3,524,000	223,684
Certificates, stock, bond, etc. (printed) ..	—	—	2,632,595
Chains, automobile .....	—	—	1
Chains, other than automobile, including sprocket chain ..	—	—	5,252,173
Chamois products .....	—	—	401,509
Chaplets, foundry .....	—	—	1
Charcoal .....	ton	7,258	477,573
Cheese, Canadian Cheddar .....	lb.	76,965,470	22,536,328
Cheese, other, whole milk .....	"	6,319,654	2,892,588
Cheese, skim milk and cottage .....	"	12,641,971	2,320,426
Cheese, process .....	"	45,299,016	17,379,982
Cheesecloth .....	yd.	1,252,697	574,007
Chemical products, not elsewhere specified ..	—	—	4,208,177
Cheques, notes, drafts, bank notes, etc., printed ..	—	—	3,274,313
Chests, cedar and other .....	No.	40,443	1,496,360
Chewing gum .....	box	13,358,390	8,621,910
Chicken, canned (see "Meats, canned") ..	—	—	—
Chicory, roasted .....	—	—	1
Children's sleepers (see also "Infants' wear—Sleepers") ..	doz.	64,828	795,230
Children's waists n.e.s. ....	"	6,165	37,789
Chloride of lime .....	lb.	516,441	76,152
Chlorine, liquid .....	—	191,333,556	5,752,278
Chloroform .....	—	—	1
Chocolate coating:			
Liquor .....	—	—	1
Sweetened:			
For own use .....	lb.	11,459,667	—
For sale .....	"	11,564,572	4,546,133
Choppers and grinders, food .....	No.	18,531	328,807
Cider (for sale) .....	imp. gal.	95,979	51,205
Cigars .....	M.	236,248	18,233,475
Cigarettes .....	"	21,156,092	289,424,673
Cisterns .....	—	—	52,137
Classifiers, metal-working .....	No.	17	221,429
Clay, bentonite and other .....	—	—	473,902
Cleaners, vacuum and parts .....	—	—	7,944,520
Cleaner, hand .....	lb.	1,558,601	234,997
Cleaner, automobile, fabric, floor, etc. ....	—	—	1,204,601
Cleaning and scouring powders and pastes ..	lb.	36,687,537	4,447,911
Cleaning preparations, n.e.s. ....	—	—	2,409,871
Clips and staples, wire .....	—	—	529,761
Clocks .....	—	—	3,862,182
Cloth, gummed .....	—	—	1
Clothes hampers .....	—	—	283,044
Clothes driers, electric .....	No.	13,318	1,930,639
Clothes pins, wood .....	—	—	681,974
Clothes pins, plastic .....	—	—	1
Clothing, hospital .....	—	—	1,002,749
Clothing, military (see "Jackets", "Pants" and "Suits") ..	—	—	—
Clothing, oiled and waterproofed (see also "Raincoats and pants, rubberized and oiled") ..	—	—	615,492
Clothing, plastic, n.e.s. (see also "Aprons", "Raincoats and Capes") ..	—	—	67,940
Clothing, rubber n.e.s. ....	—	—	321,045
Clothing, safety .....	—	—	478,599
Clothing, n.e.s. ....	—	—	1,655,896
Clothing, sport:			
Shorts:			
Women's and misses:			
Cotton .....	doz.	39,980	624,816
Rayon .....	"	2,317	36,406
Wool and wool mixtures .....	"	1,317	27,612
Not specified .....	"	11,253	256,178

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Clothing, sport - Concluded:			
Shorts - Concluded:			
Men's and youths':			
Cotton.....	doz.	9,706	193,659
Not specified.....	"	2,064	47,919
Boys':			
Cotton.....	"	16,717	295,510
Other.....	"	10,523	150,822
Children's:			
Cotton.....	"	55,690	437,294
Rayon.....	"	793	11,520
Wool and wool mixtures.....	"	5,793	87,347
Not specified.....	"	40	320
Slacks:		3,923	305,016
Women's and misses':			
Cotton (including jeans).....	No.	4,172,394	2,905,306
Rayon.....	"	209,597	785,734
Wool and wool mixtures.....	"	285,094	1,391,047
Not specified.....	"	11,950	28,600
Men's and youths' (see "Pants and Slacks")			
Children's:			
Cotton (including jeans).....	"	738,651	918,154
Rayon.....	"	112,513	270,564
Wool and wool mixtures.....	"	314,984	767,767
Not specified.....	"	36,439	61,610
Not specified.....	"	7,200	12,000
Suits, sport:			
Ski and snow suits:			
Women's and misses'.....	"	12,387	272,796
Children's.....	"	583,382	3,060,417
Other sport suits:			
Women's and misses'.....	"	1,465	7,734
Children's:			
Cotton.....	"	14,284	45,003
Rayon.....	"	23,228	135,761
Clothing, sport, (baseball, gym and athletic) (see also "Pants, hockey, soccer, etc.").....	-	-	862,262
Clothing, sport, n.e.s. ....	-	-	100,826
Coats and jackets:			
Men's and boys' overcoats and top coats:			
Regular models:			
Boys'.....	No.	23,323	248,632
Men's and youths'.....	"	757,393	22,585,503
Station wagon (except short length):			
Boys'.....	"	26,488	245,136
Men's and youths'.....	"	95,163	1,755,079
Women's and misses' coats:			
Regular models:			
Rayon.....	"	51,945	721,757
Woollen.....	"	1,621,954	39,748,086
Other.....	"	13,395	407,827
Station wagon.....	"	37,246	597,103
Children's coats:			
Regular models:			
Woollen.....	"	742,118	6,335,694
Rayon.....	"	107,639	877,859
Not specified.....	"	24,347	209,289
Station wagon.....	"	68,160	693,904
Station wagon coats n.e.s. ....	"	5,004	127,075
Other coats, not specified.....	"	444	23,522
Boys' separate jackets (civilian).....	"	68,121	471,041
Men's and youths' separate jackets:			
Civilian.....	"	493,082	8,621,712
Military.....	"	447,630	4,782,468
Women's and misses' separate jackets:			
Wool and mixtures.....	"	112,140	1,117,699
Rayon and mixtures.....	"	49,733	283,531
Cotton.....	"	58,126	265,580
Other.....	"	6,697	38,272
Children's separate jackets:			
Wool and mixtures.....	"	373,010	912,611
Cotton.....	"	174,167	370,915
Rayon and mixtures.....	"	36,284	162,773
Other.....	"	21,402	73,904
Coats, blazers and jackets, not specified.....	"	-	1,138,765
Coats, short (including windbreakers, mackinaws, parkas, leather coats, vests, etc.):			
Wool and wool mixtures:			
Men's and youths'.....	doz.	46,219	4,129,058
Boys'.....	"	13,200	845,623
Children's (under 14).....	"	10,937	378,571
Women's and misses'.....	"	3,317	393,788
Cotton:			
Men's and youths'.....	"	51,981	3,503,683
Boys'.....	"	20,195	1,029,512
Children's (under 14).....	"	13,849	349,306
Women's and misses'.....	"	785	48,962
Leather:			
Men's and youths'.....	"	21,452	3,452,711
Boys'.....	"	584	57,427
Not specified.....	"	33,930	489,946

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Coats and jackets—Concluded:			
Coats, blazers and jackets, not specified—Concluded:			
Coats, short (including windbreakers, mackinaws, parkas, leather coats, vests, etc.) Concluded:			
Rayon:			
Children's.....	doz.	16,645	545,195
Women's and misses' .....	"	1,126	87,146
Other:			
Men's and youths' .....	"	77,466	7,062,566
Boys' .....	"	23,257	1,627,195
Children's (under 14) .....	"	11,117	684,389
Women's and misses' .....	"	3,079	177,729
Not specified .....	"	48,541	309,956
Raincoats:			
Plastic:			
Children's.....	No.	36,144	28,393
Men's and youths' .....	"	60,067	104,504
Women's, misses' etc. ....	"	33,007	49,859
Rubber and rubberized:			
Children's.....	"	26,392	187,581
Men's and youths' .....	"	9,530	85,800
Other .....	"	16,500	258,900
Showerproofed and waterproofed:			
Children's.....	"	76,899	568,553
Men's and youths' .....	"	151,539	2,207,249
Women's and misses' .....	"	224,547	3,392,524
Not specified:			
Men's and youths' .....	"	95,194	1,601,905
Women's and misses' .....	"	39,518	473,130
Not specified .....	—	—	46,900
Coats and capes:			
Oiled .....	doz.	515	18,063
Plastic .....	"	30,181	690,359
Rubber, rubberized and showerproofed .....	"	52,313	4,032,169
Brunch coats and house coats .....	"	12,127	683,405
Coats, fur:			
Children's.....	No.	359	23,314
Ladies' (coats, jackets, etc.) .....	"	227,272	51,443,603
Men's.....	"	352	64,585
Coats, fur-lined (ladies') .....	"	1,090	140,395
Coat plates.....	—	—	1,160,668
Coating, industrial (plastic) (see also "Enamels, pipe-line") .....	—	—	1
Cobalt naphthenate .....	—	—	1
Cocoa (made for sale).....	lb.	7,276,579	3,530,035
Cocoa butter:			
Made for own use.....	"	—	—
Made for sale .....	"	3,188,273	—
Cocoa and chocolate preparations not elsewhere specified (for sale) .....	"	777,496	544,228
Cocoanut, prepared and desiccated .....	—	6,278,857	2,633,331
Coffee-makers, electric .....	No.	—	1
Coffee-makers, glass .....	—	34,038	322,264
Coffee, roasted .....	lb.	—	1
Coffee, substitute .....	—	80,027,173	72,112,785
Coffins (see "Caskets and coffins") .....	—	—	1
Coffins (shells or rough boxes) (see "Caskets and coffins") .....	—	—	—
Coke, gas-house* .....	ton	4,252,933	64,171,749
Coke, petroleum* .....	"	259,643	2,887,861
Coke, pitch .....	—	—	1
Cold storage equipment (see also "Refrigeration equipment") .....	—	—	122,564
Collars, men's .....	—	—	133,812
Collars, fur .....	No.	241,080	888,608
Colours, butter, cheese and other .....	—	—	646,501
Colours, dry .....	—	—	3,518,913
Colours, in oil and Japan .....	—	—	510,294
Combs .....	—	—	1,408,907
Comforters:			
Cotton .....	No.	42,661	320,668
Down .....	"	7,620	92,259
Wool .....	"	80,539	505,659
Not specified .....	—	—	85,165
Communication systems (see "Radio communication equipment") .....	—	—	—
Compacts, powder and rouge .....	—	—	260,015
Compressors, air .....	—	—	5,576,637
Compressors and condensing units (refrigeration) .....	No.	86,645	5,940,478
Concentrates used for soft drinks .....	—	—	5,943,578
Concrete, ready mixed .....	cu. yd.	2,169,348	27,570,788
Concrete products n.e.s. ....	—	—	7,382,337
Condensers, evaporative (refrigeration) .....	No.	3,474	179,046
Conduit, fibre .....	—	—	1
Conduit, flexible, steel and non-metallic .....	ft.	2,388,491	186,355
Conduit, rigid:			
Aluminum .....	—	—	1
Electrical metallic tubing .....	lb.	2,778,000	806,417
Iron .....	"	36,945,705	5,281,188
Not specified .....	—	—	412,719
Conduit fittings .....	—	—	2,815,723
Cones, ice cream .....	M.	396,946	1,780,265
Cones and tubes, textile winding .....	—	—	1

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Confectionery, chocolate:			
In bulk.....	lb.	15,604,978	6,992,886
In bars.....	doz.	46,194,598	24,952,816
In packages.....	lb.	22,340,495	13,269,639
Moulded chocolate novelties.....	"	2,514,087	1,811,823
Not specified.....	"	162,094	79,100
Confectionery, marshmallow:			
In bulk.....	"	294,942	83,804
In packages.....	"	4,878,736	1,309,598
Confectionery, sugar:			
In bulk.....	"	46,578,876	11,328,236
In bars.....	doz.	2,019,717	972,492
In packages.....	lb.	18,510,098	6,596,075
Penny goods.....	gr.	3,345,248	2,814,804
Lozenges.....	lb.	1,496,948	298,559
Confectionery, toffee:			
In bulk.....	"	1,348,183	371,653
In packages.....	"	2,132,551	683,084
Confectionery, not specified.....	"	1,213,432	567,627
Confectionery coatings.....	—	—	1
Confectionery mixes.....	—	—	1
Containers, n.e.s.....	—	—	327,142
Control and starting equipment, industrial, n.e.s.....	—	—	12,738,129
Converter equipment, electrical.....	—	—	3,318,749
Coolers, milk and other.....	—	—	1,279,495
Cooperage products, not specified.....	—	—	88,962
Copper alloys.....	—	—	1
Copper and copper products, n.e.s.....	—	—	3,827,773
Cores for paper rolls.....	M, ft.	6,102	793,429
Cores for small paper rolls and mailing tubes.....	—	—	963,018
Cores, textile winding.....	—	—	211,732
Cores, lumber.....	—	—	237,026
Cork products, not elsewhere specified.....	—	—	530,342
Corn, for popping.....	—	—	1
Corsets, girdles, brassieres, etc.:			
Corsets and girdles.....	doz.	196,562	7,348,999
Combination garments.....	"	23,973	1,341,929
Bandeaux, brassieres, etc.....	"	861,474	11,102,903
Suspender girdles, shoulder straps etc.....	—	—	1,131,749
Corset steels and clasps.....	—	—	1
Cosmetic containers and other cosmetic accessories, n.e.s. (see also "Compacts").....	—	—	555,468
Cotton fabrics:			
Unbleached or grey.....	lb.	63,026,313	—
Bleached or white.....	yd.	195,518,534	53,081,593
Yarn and stock dyed.....	lb.	10,194,719	—
Piece dyed.....	yd.	37,768,108	13,357,986
Printed and painted.....	lb.	12,650,218	—
Not specified.....	yd.	29,236,088	12,330,877
Counters, shoe.....	lb.	16,517,801	—
Couplings, flexible, etc.....	yd.	63,523,213	19,679,219
Coverings, boiler and pipe, asbestos and other.....	lb.	11,479,270	—
Covers, baby carriage and crib.....	yd.	48,064,153	14,586,081
Covers, boat.....	—	—	2,859,719
Covers, canvas.....	pr.	23,208,725	683,802
Covers, couch, table and other furniture.....	—	—	389,169
Covers, mattress.....	—	—	2,602,625
Covers, stockinette, meat (see "Knitted fabrics").....	—	—	1
Covers, radiator.....	—	—	100,710
Covers, seat, automobile.....	—	—	2,750,594
Covers, not specified.....	—	—	990,841
Crates, shipping, auto and other.....	—	—	233,880
Crayons, wax and chalk.....	—	—	23,742
Cream, whey, sold in dairy factories.....	—	—	2,909,681
Cream, other, sold in dairy factories.....	—	—	1,216,894
Cream transferred to branches of firms reporting.....	—	—	1,109,369
Cream of tartar, refined.....	—	—	494,449
Cream separators.....	lb, b, f.	823,155	420,152
Cresols.....	"	23,972,602	27,540,094
Croquet sets.....	"	6,690,637	4,646,929
Cross arms.....	lb.	200,078	166,666
Crucibles, clay.....	—	—	1
Crushers, rock and parts.....	—	—	1
Cuffs, fur.....	pr.	5,113	456,243
Cultivators.....	—	—	281,908
Cumene.....	—	—	128,979
Cups, paper, baking, bonbon, etc.....	—	—	3,626,778
Cups, paper, drinking.....	—	—	670,400
Curtains, shower.....	M.	1,277,994	468,038
Curtains, fabric.....	"	988,403	6,332,297
Curtains and drapes, plastic.....	—	—	48,985
Curtain rods and fixtures.....	—	—	3,133,959
Cushions.....	—	—	1,372,796
Cushion forms.....	—	—	1,706,089
Cushion tops.....	No.	69,996	677,382
Cushions, mats and pads, air and sponge*.....	doz.	1,543	63,183

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Cutting blocks and tables, butcher.....	—	—	132,783
Cutlery, all kinds (see also "Flatware").....	—	—	1,016,427
Dairy products, not specified.....	—	—	857,036
Dairy equipment, not specified.....	—	—	815,543
Decorations, including party favours, confetti, etc. ....	—	—	1,251,773
D.D.T.....	—	—	1,644,475
Dentifrices.....	—	—	6,568,673
Dentists' supplies, not elsewhere specified.....	—	—	266,295
Deodorant (personal).....	—	—	1,881,678
Deodorant (not personal).....	—	—	591,132
Desk sets.....	—	—	130,948
Detergents.....	lb.	113,910,345	28,702,807
Dextrine.....	"	17,593,994	1,469,685
Dextrose.....	—	—	1
Diaries, printed, etc. ....	—	—	273,513
Dibutyl phthalate.....	—	—	1
Dicyandiamide.....	—	—	1
Dies, stamping, drawing and cutting.....	—	—	618,395
Dies, metal working, n.e.s.....	—	—	3,417,829
Dies, aluminum.....	—	—	48,060
Dies, taps and stocks.....	—	—	1,026,261
Dies, rubber etc.....	—	—	698,587
Diocetyl phthalate.....	—	—	1
Discs, agricultural (see "Ploughs").....	—	—	1
Discs for cartridge cases.....	—	—	1
Dishcloths.....	—	—	557,841
Dishwashers, electrical, commercial.....	—	—	1,129,277
Disinfectants.....	—	—	914,176
Displays, advertising.....	—	—	4,882,182
Display forms, mounting, etc.....	—	—	1,844,362
Distillers' grain (see "Grain, distillers'").....	—	—	—
Dog collars and harness.....	—	—	95,103
Doilies and dinner cloths, paper.....	—	—	710,500
Dolls, all kinds.....	—	—	3,410,457
Dolls' furnishings and parts.....	—	—	478,873
Doors, metal clad.....	—	—	3,350,753
Doors, modernfold.....	—	—	1
Doors, veneer and plywood*.....	—	—	14,070,280
Doughnuts*.....	—	—	7,018,693
Dowels.....	M lin. ft.	46,144	422,325
Down, processed (included with "Feathers").....	—	—	—
Draperies and drapery material.....	—	—	1,192,618
Dresserware, plastic.....	—	—	72,551
Dresses, children's:			
Cotton.....	No.	2,873,692	5,218,492
Nylon.....	—	—	1
Rayon and rayon mixtures.....	No.	652,570	1,594,776
Wool and wool mixtures.....	"	272,315	890,004
Not specified.....	"	57,866	151,535
Dresses, women's and misses':			
Cotton (see also, "Coats, brunch coats, house coats, etc.").....	"	5,238,120	16,043,658
Nylon.....	"	282,244	3,210,337
Rayon and rayon mixtures.....	"	6,520,331	48,210,881
Wool and wool mixtures.....	"	395,489	5,001,458
Wool, knitted suits and dresses (including children's).....	"	167,424	2,401,751
Not specified.....	"	48,297	732,180
Dressing gowns, negligees, (see "Bathrobes, etc.").....	—	—	—
Dressing, salad.....	lb.	22,858,678	6,523,071
Dressings and finishes, leather, (not including polish).....	—	—	1,305,981
Drilling machines (metal working).....	—	—	371,687
Drills, grain and fertilizer (combination).....	No.	18,748	7,516,361
Drills, grain, press and plain.....	"	7,669	3,164,105
Drills, reamers, etc. (including screw plates).....	—	—	10,253,208
Drills, mining and metallurgical.....	—	—	1
Drink mixers.....	—	—	1
Drives, V-belts.....	—	—	1,132,268
Druggists' sundries:			
Hot water bottles.....	doz.	18,504	157,242
Nipples and soothers.....	"	317,767	141,506
Ice caps and collars.....	"	3,309	38,685
Not specified.....	—	—	3,943
Drums, veneer, plywood and other.....	—	—	258,157
Dyeing, finishing, shrinking, etc.:			
Dyeing and finishing of textiles.....	—	—	8,653,533
Dyeing and finishing of yarns.....	—	—	473,436
Dyeing and finishing of other products.....	lb.	1,881,199	883,004
Bleaching, sponging, dyeing, etc., custom.....	—	—	2,410,207
Dyes, blended and packaged.....	—	—	122,738
Dyes, leather.....	—	—	48,648
Ear muffs.....	—	—	1
Eavetrough and pipe.....	—	—	2,208,685
Economizers.....	—	—	197,168
Egg cases.....	No.	17	310,102
Egg case fillers.....	"	532,477	639,723
Eggs, frozen.....	—	—	1
Egg substitute, including powdered albumen.....	—	—	1
Elastic products, not elsewhere specified.....	—	—	902,015
Electric heating elements (sold separately).....	—	—	3,235,806
Electrical apparatus, parts and supplies, not elsewhere specified.....	—	—	16,706,429
Electrical instruments and meters, except ammeters for autos.....	—	—	10,191,267

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Electrodes, carbon and graphite.....	—	—	1
Electrotyping and stereotyping.....	—	—	7,265,920
Elevators, freight and passenger.....	—	—	8,923,954
Elevator parts.....	—	—	916,355
Embalming fluid.....	—	—	286,739
Embossing.....	—	—	338,330
Embroidery.....	—	—	4,499,073
Enamels, oil and synthetic (see also "Paints and enamels").....	Imp. gal.	6,842,619	30,548,791
Enamels, pipe-line.....	—	—	1
Engines, auto.....	—	—	1
Engines, auto, parts.....	—	—	1
Engines, diesel.....	No.	139	4,168,329
Engines, gasoline, all types except automobile.....	—	—	10,277,022
Engines, steam, including steam turbines.....	No.	26	851,059
Engine parts.....	—	—	3,472,405
Engraving (trade work).....	—	—	442,896
Ensilage cutters.....	No.	270	146,451
Ensilage and forage harvesters.....	—	—	1
Envelopes, made.....	M.	3,543,021	13,022,416
Envelopes, printed.....	—	—	7,317,636
Escalators.....	—	—	1
Ethyl acetate.....	—	—	1
Ethylbenzene.....	—	—	1
Ethylene chloride.....	—	—	1
Ethyl hexonal.....	—	—	1
Evaporators (fin coils, ice-makers, etc.).....	—	—	1,638,216
Excelsior, paper.....	—	—	173,118
Excelsior, wood.....	ton	7,410	404,398
Excelsior, wrappers, mats and pads.....	No.	15,765,641	294,448
Explosives.....	lb.	171,947,345	30,941,809
Extractors, juice.....	—	—	1
Extracts, flavouring (bakers', confectioners', household, etc.).....	—	—	4,573,523
Extracts, flavouring, etc. (used for soft drinks).....	—	—	1,640,510
Fabrics, coated and impregnated, including felt saturated, book cloth and shoe materials.....	—	—	3,848,660
Fabrics, rubberized and waterproofed.....	—	—	455,075
Fabrics, other, not elsewhere specified.....	—	—	5,670,796
Face cloths.....	—	—	730,161
Facial tissue (see "Tissues, cleansing").....	—	—	—
Facing and parting, foundry.....	—	—	364,706
Fanning mills.....	No.	2,128	285,451
Fans, electric.....	"	131,202	1,776,042
Farm equipment, n.e.s.....	—	—	3,472,238
Fasteners, zipper.....	ft.	55,498,856	6,379,123
Fasteners, other than zipper.....	—	—	785,640
Fats, animal, n.e.s.*.....	—	—	29,143
Feathers and down, millinery and other.....	—	—	920,384
Feed, chopped grain.....	ton	492,411	27,402,878
Feed cutters and mixers (see also "Ensilage cutters").....	No.	633	53,032
Feed, poultry.....	ton	1,035,115	88,444,313
Feed, stock.....	"	884,093	65,430,323
Feed, stock and poultry, n.e.s.....	"	21,110	1,561,846
Feed supplements n.e.s.....	—	—	1
Felt, coated and saturated (included in "Fabrics coated, etc.").....	—	—	—
Felt, cotton.....	lb.	5,906,539	874,897
Felt, harness and athletic.....	"	317,024	268,503
Felt, industrial and automotive (uncut).....	"	6,916,333	1,393,861
Felt, insoling, uncut.....	"	106,578	79,032
Felt, sole.....	"	60,123	32,412
Felt, padding.....	sq. yd.	1,370,354	539,132
Felt, paper (see "Paper, building and roofing").....	—	—	—
Felt, pennant, crest and fancy lining.....	" "	526,449	420,782
Felt, shoe and gaiter.....	" "	133,932	235,902
Felt, punched.....	" "	2,403,441	1,719,735
Felt, for pulp and paper making.....	—	—	11,883,644
Felt, n.e.s.....	—	—	805,585
Fences, electric.....	No.	12,787	109,181
Fencing, steel wire:	—	—	—
Farm fence.....	ton	12,363	2,457,290
Lawn fence.....	"	1,569	458,949
Chain link fabric.....	"	4,437	1,294,811
Fencing, snow.....	—	—	491,028
Fencing, other.....	—	—	12,933
Ferric chloride.....	—	—	1
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, etc.).....	—	—	28,790,877
Fertilizers, complete.....	—	—	32,768,793
Fertilizers, other than mixed including ammonium nitrate (fertilizer grade), ammonium phosphate, calcium cyanamide, ammonium sulphate and superphosphate.....	ton	1,097,663	61,175,673
Fertilizer sowers.....	No.	470	61,317
Fibre, staple (rayon).....	—	—	1
Fibre glass products.....	—	—	1,081,120
Files and rasps.....	—	—	1
Filing system supplies.....	—	—	3,314,961
Filling, pie, apple*.....	lb.	5,590,304	764,430
Filling, pie, other than apple*.....	"	9,100,323	1,862,657
Filling, pie, powder (included in "Powders, pudding").....	—	—	—
Fillings, not specified.....	—	—	1
Films, motion picture.....	—	—	1
Films, photographers' including X-ray films.....	—	—	1
Filter discs, etc.....	—	—	647,532
Filters, mining and metallurgical.....	—	—	432,804

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Filters, oil, auto:			
Complete.....	No.	375, 282	884, 715
Elements, only.....	"	4, 377, 313	2, 917, 248
Firearms.....	"	—	1
Fire clay.....	ton	10, 102	62, 162
Fire extinguishers and supplies.....	—	—	2, 557, 116
Fire fighting and fire protection equipment, not elsewhere specified.....	—	—	3, 715, 354
Fireplaces and furnishings.....	—	—	912, 339
Fireworks (see "Pyrotechnics").....	—	—	—
Fish, canned*.....	lb.	122, 362, 704	47, 355, 900
Fish, otherwise prepared*.....	—	—	12, 914, 360
Fish, fresh, marketed for consumption, sold in factories*.....	—	—	64, 324, 640
Fishing nets and netting.....	—	—	1, 306, 266
Fishing tackle.....	—	—	2, 730, 291
Fixtures, lighting:			
Commercial and industrial.....	—	—	12, 604, 995
Residential.....	—	—	5, 135, 511
Street-lighting.....	—	—	1, 650, 938
Searchlights and floodlights.....	—	—	763, 579
Other lighting equipment.....	—	—	3, 239, 897
Flags and bunting.....	—	—	487, 621
Flashlights and cases.....	—	—	455, 815
Flatware, electro-silver plated and sterling, (see also "Cutlery").....	—	—	9, 840, 438
Flint for lighters.....	—	—	338, 744
Flocks.....	lb.	8, 613, 155	577, 607
Floor cleaning equipment, n.e.s. ....	—	—	172, 726
Floor covering, including oilcloths, etc.....	—	—	1
Flooring, hardwood.....	—	—	12, 015, 912
Floor tile and joists, steel.....	—	—	1
Flooring, metal.....	—	—	382, 280
Flotation machines.....	—	—	1
Flour, barley.....	ton	179	19, 866
Flour, buckwheat.....	"	106	8, 086
Flour, corn.....	"	411	40, 802
Flour, diabetic.....	—	—	1
Flour, potato (see "Starch and flour").....	—	—	—
Flour, prepared and self-raising, cake mixes, pie crust, etc. ....	lb.	77, 636, 179	14, 314, 261
Flour preparations for sausage fillings.....	"	2, 637, 739	361, 752
Flour, soya bean.....	—	—	1
Flour, wheat:			
Spring, No. 1 patent including Semolina.....	bbl.	3, 878, 427	37, 898, 595
Spring, No. 2 patent.....	"	5, 201, 820	44, 361, 992
Spring, No. 3 patent.....	"	9, 861, 279	87, 327, 745
Ontario winter.....	"	1, 563, 904	13, 583, 504
Low grade flour.....	"	1, 935, 250	13, 934, 835
Durum semolina.....	"	412, 355	4, 040, 411
All other.....	"	461, 755	3, 798, 335
Flour, graham or whole wheat.....	—	—	2, 287, 390
Flour, rye.....	ton	4, 371	323, 884
Flowers, artificial.....	—	—	2, 215, 716
Flue linings.....	—	—	992, 586
Fly pads and paper.....	—	—	1
Fly swatters.....	—	—	43, 288
Foil, tin, lead and aluminum.....	—	—	7, 433, 644
Folding (trade work).....	—	—	325, 740
Food drinks, liquid (see also "Powders" and "Milk, chocolate").....	gal.	3, 813, 329	3, 368, 613
Food, fox, dog, etc.:			
Fox biscuits.....	ton	294	34, 566
Dog biscuits.....	"	3, 376	655, 946
Fox and dog biscuits.....	—	—	1
Canned dog and cat food.....	ton	39, 891	6, 992, 239
Other dog and cat food.....	"	8, 434	1, 470, 002
Other fox food.....	"	1, 747	204, 380
Mink and other animal food.....	"	17, 718	1, 993, 246
Food, stock and poultry n.e.s. (see "Feed").....	—	—	—
Food mixers.....	No.	83, 218	2, 241, 029
Food, infant, canned*.....	lb.	46, 773, 290	14, 024, 573
Food, infant, other including precooked cereal*.....	"	6, 583, 197	2, 200, 684
Food products, not specified.....	—	—	863, 501
Foats, vegetable oil.....	lb.	1, 497, 227	49, 884
Footwear, leather: (see also "Slippers")			
Felt uppers (including felt slippers):			
Babies'.....	pr.	36, 667	42, 940
Boys'.....	"	18, 861	43, 852
Children's, including little gents.....	"	70, 648	74, 013
Men's.....	"	255, 706	717, 066
Youths' (exclusive of slippers).....	"	5, 793	12, 584
Misses'.....	"	36, 843	62, 271
Women's and growing girls'.....	"	238, 343	303, 061
Leather or fabric uppers:			
Babies'.....	"	2, 821, 493	4, 902, 615
Boys'.....	"	1, 174, 464	3, 882, 152
Children's.....	"	5, 470, 246	12, 916, 392
Men's.....	"	7, 418, 107	43, 519, 469
Youths'.....	"	299, 587	861, 021
Women's and growing girls'.....	"	15, 081, 464	53, 673, 679
Footwear, moccasins, including shoe packs:			
Babies'.....	"	21, 576	9, 079
Boys'.....	"	8, 878	18, 838
Children's.....	"	25, 820	31, 912

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Footwear, leather (see also "Slippers")—Concluded:			
Footwear, moccasins, including shoe packs—Concluded:			
Men's.....	pr.	94,852	255,255
Youths'.....	"	1,125	1,698
Women's, misses' and growing girls'.....	"	648,095	1,099,029
Not specified.....	"	135,230	505,852
Footwear, plastic.....	—	—	121,579
Footwear, rubber:			
Knee and hip boots, all rubber.....	pr.	1,317,702	4,402,361
Lumbermen's boots, all rubber.....	"	569,605	2,346,477
Lumbermen's boots, leather tops.....	"	132,402	965,274
Overshoes and goloshes, cloth uppers.....	"	1,291,957	5,963,172
Overshoes, all rubber (lined and unlined).....	"	4,029,612	11,613,564
Light and heavy rubbers.....	"	3,407,248	4,074,745
Rubber bottoms for leather tops.....	"	226,283	567,697
Utility footwear with canvas or other fabric tops.....	"	2,855,439	5,424,689
Forgings, including drop, shell, etc.....	—	—	36,403,545
Forks (farm implements).....	—	—	1
Formaldehyde.....	—	—	1
Forms, continuous, printed.....	—	—	13,785,496
Formvar.....	—	—	1
Fountains, soda and luncheonette equipment.....	—	—	1
Frames and cases, spectacle and sun glasses.....	—	—	1,348,389
Freezers, individual, home and farm.....	No.	8,284	2,704,610
Fringes, cords and tassels.....	—	—	808,151
Frit, enamel.....	—	—	1
Fruit drinks.....	—	—	169,751
Fruit juices, canned, bottled, etc., including grape juice.....	lb.	43,703,075	4,395,822
Fruit peel, candied*.....	—	3,053,083	769,743
Fruit pulp.....	—	—	1
Fruit, canned:			
Apples, including crab apples.....	lb.	12,279,171	1,595,065
Apple sauce.....	"	8,514,143	1,127,660
Apricots.....	"	4,776,230	822,669
Blackberries.....	"	253,377	49,444
Blueberries.....	"	691,083	186,379
Cherries.....	"	6,118,296	1,178,691
Loganberries.....	"	711,113	138,051
Peaches.....	"	39,199,350	5,587,342
Pears.....	"	23,064,651	3,473,052
Plums.....	"	7,883,433	767,841
Raspberries.....	"	4,305,824	1,111,569
Rhubarb.....	"	206,558	16,625
Strawberries.....	"	3,060,570	799,849
Other fruits, not specified, pineapple, fruit salad, etc.....	"	11,098,166	2,156,664
Fruits, fountain.....	—	—	346,779
Fruits, glace*.....	lb.	5,769,236	2,072,096
Fruits, maraschino cherries*.....	"	3,521,538	1,837,944
Fruits, frozen for re-processing*.....	"	10,473,101	2,008,103
Fruits, frozen, not for reprocessing*.....	"	15,363,560	3,842,070
Fruits in SO <sub>2</sub> for reprocessing*.....	"	8,089,953	799,010
Fruits, not specified*.....	—	—	400,752
Fuel, hog*.....	—	—	519,210
Fur dressing and dyeing.....	—	—	5,920,014
Fur trimmings.....	—	—	1,415,352
Fur, remodelling, repairing, etc.....	—	—	5,805,597
Furnaces, warm air.....	No.	93,669	16,948,929
Furnaces, industrial, other.....	—	—	586,596
Furnaces, not specified, and furnace parts.....	—	—	1,014,536
Furniture, wood:			
Camp, lawn and verandah.....	—	—	529,444
Children's.....	—	—	2,743,268
Household:			
Bedroom.....	—	—	28,893,180
Breakfast-room.....	—	—	534,673
Dining-room.....	—	—	4,879,907
Kitchen.....	—	—	3,540,552
Living-room (not upholstered).....	—	—	7,238,029
Other.....	—	—	4,125,289
Office, store and restaurant.....	—	—	17,460,778
School, church, lodge, etc.....	—	—	7,349,163
Other, furniture and cabinet work, n.e.s.....	—	—	5,836,776
Furniture, metal:			
Breakfast room.....	—	—	12,314,760
Camp, lawn and verandah.....	—	—	1,666,506
Household (including chrome).....	—	—	6,286,389
Office, store and restaurant, etc.....	—	—	12,841,766
Other, not specified.....	—	—	6,334,915
Furniture, wood or metal:			
Living room (upholstered).....	—	—	36,805,240
School, household, etc.....	—	—	1,334,578
Theatre.....	—	—	798,342
Not specified (upholstered).....	—	—	3,027,930
Furniture, not specified:			
Camp, lawn and verandah.....	—	—	139,175
Office, store, church, etc.....	—	—	251,335
Not specified.....	—	—	724,054
Furniture frames and parts:			
Wood.....	—	—	5,053,143
Metal.....	—	—	247,164

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Fuses and fuse wire.....	—	—	2,945,037
Gaiters, spats and leggings.....	—	—	185,619
Galvanized ware.....	—	—	1,703,713
Games, not specified.....	—	—	1,811,923
Garage equipment, n.e.s.....	—	—	1,050,649
Gas made: <sup>1</sup>			
Retort coal gas.....	M. cu. ft.	11,246,790	—
Coke oven gas.....	"	58,242,301	—
Producer gas.....	"	1,106,609	—
Water gas.....	"	10,884,813	—
Other.....	"	1,035,570	—
Gas, dry, natural*.....	"	19,641,851	1,648,455
Gas, sold.....	"	25,917,492	32,340,134
Gas used in own coke or gas plants.....	"	15,046,953	3,395,112
Gas used in associated metallurgical work.....	"	28,537,610	7,026,834
Gas, otherwise accounted for, but not sold.....	"	482,870	204,557
Gas, not accounted for.....	"	2,930,307	605,796
Gas, still, from petroleum refineries.....	"	20,762,933	10,668,428
Gas, oil, pintsch.....	"	38,130	554,027
Gases, liquifying, petroleum*.....	"	—	3,980,743
Gasoline*.....	Imp. gal.	2,260,426,303	355,807,726
Gates.....	No.	33,562	647,912
Gauges, pressure.....	—	—	515,555
Gauges, plug, ring, thread, etc.....	—	—	688,695
Gears, rubber tired, truck, trailers, etc.....	—	—	1,120,597
Gears, transmission.....	—	—	1
Gelatine.....	—	—	1
Generators:			
Alternating current.....	No.	198	19,687,332
Direct current.....	"	405	437,570
Generators, engine driven.....	—	—	1
Generator, steam, and parts.....	—	—	1,125,032
Glass, bevelled and polished edge, plates and sheets.....	—	—	1,530,539
Glass, cut.....	—	—	1,039,777
Glass, leaded, including memorial windows.....	—	—	213,864
Glass, non-shatterable.....	—	—	16,671,012
Glass, pressed, blown and drawn including bottles, sealers, windows, kitchenware, etc.	—	—	44,121,514
Glass vials and chemical glass ware.....	—	—	550,511
Glass products, other, including windshield glass.....	—	—	1,761,786
Glasses, sight.....	pr.	64,683	363,639
Glasses, sun.....	—	—	1
Gloves and mittens, fabric, dress:			
Cotton, women's.....	doz. pr.	38,732	459,928
Cotton, children's.....	"	1,610	13,340
Rayon and silk, women's and children's.....	"	70,813	612,570
Other, including nylon, chamoisette, etc.....	"	106,218	1,213,918
Gloves and mittens, fabric, work:			
Cotton, men's.....	"	629,614	1,927,171
Cotton, women's.....	"	4,870	12,094
Not specified.....	"	89,672	373,511
Gloves and mittens, fabric, not specified.....	"	73,742	459,202
Gloves and mittens, knitted.....	"	147,133	1,135,466
Gloves and mittens, leather, dress:			
Men's, lined.....	"	100,757	2,244,896
Men's, unlined.....	"	29,050	790,400
Women's and children's, lined.....	"	41,254	496,576
Women's and children's, unlined.....	"	16,248	474,062
Gloves and mittens, leather, work:			
Men's, lined.....	"	57,189	744,154
Men's, unlined.....	"	337,928	3,648,248
Women's and children's, lined.....	"	34,933	313,505
Women's and children's, unlined.....	"	8,645	64,623
Gloves and mittens, leather, sport (see also, "Sport gloves and mittens, baseball, hockey, etc.").....	"	14,433	165,757
Gloves and mittens, fur and fur-lined.....	—	—	1
Gloves and mittens, n.e.s.....	—	—	149,153
Gloves, rubber and rubberized*.....	doz. pr.	208,374	1,088,853
Glucose.....	—	—	1
Glue (bone, hide, fish, and vegetable).....	lb.	53,853,140	8,268,913
Glue stock.....	"	38,596,996	410,005
Glutamate, mono-sodium.....	—	—	1
Gluten feed.....	—	—	1
Glycerine, crude.....	lb.	2,471,883	724,081
Glycerine, refined.....	"	9,934,470	4,278,882
Glycols, not specified.....	—	—	1
Gold alloys.....	—	—	3,654,686
Gold, fine.....	—	—	1,051,700
Gold leaf.....	—	—	1
Golf clubs (complete).....	—	—	1,232,496
Golf supplies, including golf bags, carts, etc. (see also, "Balls, golf").....	No.	194,301	155,750
Grains, roasted.....	—	—	7,448
Grains sold wet and dry (Brewers' and distillers')*.....	lb.	115,318	3,600,546
Granite monuments.....	ton	182,188	3,127,325
Granite, for building purposes.....	—	—	584,549
Granules, roofing.....	—	—	1
Grape concentrate.....	—	—	1
Grape juice (included in "Fruit juices").....	—	—	—
Graphite (included in "Electrodes carbon and graphite").....	—	—	—
Grate bars and grating.....	—	—	759,097
Gravy preparations.....	—	—	229,040
Grease.....	—	—	937,523

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Grease, lubricating*			
Grills and hot plates, electric, including stoves for glass coffee-makers	lb.	48,477,566	4,219,601
Grinding machines (metal working)	No.	249,202	1,058,858
Guanidine nitrate	—	—	453,257
Gums, unvulcanized*	—	—	1
Gymnasium supplies, not specified	lb.	1,064,903	364,744
Gypsum blocks and sheathing	—	—	147,155
Hair, animal	sq. ft.	6,580,295	285,201
Hair cloth	lb.	5,075,314	2,057,402
Hair nets (included in "Hair dressing equipment and accessories")	—	—	1
Hair, processed	—	—	1
Hair goods, not specified	—	—	83,236
Hair dressing equipment and accessories	—	—	603,959
Halters, leather	—	—	54,442
Hammocks	No.	26,121	18,558
Handkerchiefs	—	1,385	760,003
Handles, broom and mop	doz.	621,909	711,310
Handles, long tool and axe	No.	15,676,297	1,186,346
Handles, small tool	—	2,463,217	808,450
Handles, n.e.s.	—	14,995,633	764,599
Handling equipment, n.e.s.	—	—	844,476
Hangers, garment	—	—	970,042
Hardware, appliances (for refrigerators, etc.)	—	—	335,058
Hardware, automobile	—	—	6,804,479
Hardware, builders'	—	—	15,212,031
Hardware, furniture	—	—	3,085,773
Hardware, harness and saddlery	—	—	240,003
Hardware, pole-line (line materials, distribution specialties, etc.)	—	—	8,169,035
Hardware, trunk and suitcase	—	—	485,098
Hardware, not specified	—	—	5,671,109
Harness, double	set	465	47,108
Harness, single	—	819	53,940
Harness collars	No.	16,186	109,007
Harness parts	—	—	388,278
Harrows, disc (horse or tractor drawn)	No.	29,233	5,132,333
Harrows, drag and spring tooth	—	59,673	936,932
Harrow carts	—	—	1
Hassocks	—	—	407,314
Hat blocks	No.	3,604	62,043
Hats, cotton:			
Men's	doz.	17,925	302,110
Women's	—	5,885	107,807
Children's	—	28,927	219,001
Hats, fur felt:			
Men's	—	103,377	5,298,591
Women's and children's	—	32,481	1,667,402
Hats, linen, women's and children's	—	2,667	49,957
Hats, wool felt:			
Men's	—	17,678	364,090
Women's	—	75,236	2,066,185
Children's	—	8,737	136,738
Hats, velour felt:			
Women's	—	51,756	2,400,968
Other	—	166	4,782
Hats, straw:			
Men's	—	18,913	454,152
Women's	—	137,547	5,180,098
Children's	—	40,321	313,698
Hats, panama	—	1,065	48,137
Hats, silk and rayon, women's and children's	—	16,140	363,508
Hats, velvet, women's and children's	—	48,147	1,357,060
Hats, wool, women's and children's	—	8,947	174,401
Hats, not specified:			
Men's	—	10,171	36,593
Women's	—	14,879	337,533
Children's	—	2,746	28,641
Tams, berets and turbans	—	—	46,876
Headwear, not specified	—	—	1,087,995
Hats and caps, fur	No.	33,542	70,020
Hats, cleaned and reblocked	—	—	11,000
Hat bodies	doz.	163,952	2,214,318
Hatters' supplies, including hat linings	—	—	187,073
Hay loaders	No.	4,755	954,059
Hay rakes, dump, tedders, etc.	—	11,538	2,280,434
Hay balers, hay carriers, etc.	—	4,476	4,688,482
Heading, barrel	—	—	412,243
Hearing aids	—	—	1
Heaters, air, electric	—	—	1,475,662
Heaters, auto and engine	No.	507,874	5,885,617
Heaters, boiler, feed, water	—	—	1
Heaters, electric, unit	—	—	4,488,311
Heaters, water tank, coal, wood or oil	No.	1,507	68,853
Heaters, water tank, gas	—	39,837	2,001,548
Heaters, water tank, electric	—	—	2,663,334
Heaters, water, electric, including tank and controls	No.	14,404	929,297
Heaters, not specified	—	—	44,831
Heating and ventilating equipment, not elsewhere specified	—	—	11,883,427
Hectograph composition	—	—	59,072
Heels, leather and wood	pr.	24,992,677	3,291,778
Heels, rubber and composition	—	15,973,782	1,958,447

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Heel lifts .....	—	—	5,920
Helmets .....	doz.	6,675	76,719
Hexachlorethane .....	—	—	1
Hexamethylenediamine .....	—	—	1
Hides, all kinds .....	—	—	10,557,816
Hockey pucks* .....	doz.	31,352	39,047
Hockey sticks .....	No.	1,444,884	998,323
Hoes, hand .....	—	244,270	258,556
Hoists .....	—	—	2,700,329
Hollow-ware, copper .....	—	—	1
Hollow-ware, sterling silver .....	—	—	312,878
Hollow-ware, silver-plated on Britannia metal .....	—	—	137,156
Hollow-ware, silver-plated on brass and copper .....	—	—	1,638,448
Hollow-ware, silver-plated on lead alloy .....	—	—	189,439
Hollow-ware, silver-plated on nickel silver .....	—	—	57,412
Hollow-ware, other .....	—	—	24,696
Holster sets .....	—	—	1
Honey butter .....	—	—	1
Hooks, eyes, notions, etc., not elsewhere specified .....	—	—	344,194
Hoops, wooden* .....	M.	1,994	61,015
Hoops, steel and steel wire .....	—	2,967	109,962
Hooves and horns .....	lb.	1,394,423	28,091
Hormones, sex .....	—	—	2,254,608
Horseradish, prepared .....	lb.	531,893	206,178
Horseshoes .....	—	—	175,259
Hose, fire, cotton or linen .....	—	—	1
Hose, garden, koroseal .....	—	—	710,937
Hose, rubber, fire, radiator, steam etc. ....	—	—	9,788,443
Hosiery:			
Cotton and cotton mixtures:			
Men's, seamless:			
Work socks .....	doz. pr.	88,842	324,799
Fine socks .....	—	181,147	707,359
Other (anklets, sport, etc.) .....	—	253,694	1,091,943
Women's, seamless:			
Full length stockings .....	—	210,280	953,377
Other (anklets, sport, etc.) .....	—	367,726	876,167
Children's, seamless:			
Full length stockings .....	—	458,549	1,153,080
Golfers .....	—	56,873	193,774
Other .....	—	1,051,793	2,259,866
Full fashioned (all types) .....	—	53,109	475,664
Silk and silk mixtures, seamless and full-fashioned .....	—	30,038	371,714
Rayon and rayon mixtures:			
Men's seamless .....	—	55,160	239,675
Women's, seamless .....	—	113,674	333,803
Children's, seamless .....	—	113,332	303,047
Full-fashioned (all types) .....	—	30,691	249,472
Nylon:			
Seamless .....	—	938,186	5,548,535
Full-fashioned .....	—	4,000,717	35,483,353
Wool and wool mixtures:			
Men's, seamless:			
Work socks .....	—	564,351	3,584,450
Fine socks .....	—	424,725	4,406,284
Other .....	—	333,960	2,782,269
Women's seamless:			
Full length stockings .....	—	52,334	483,367
Other (anklets, etc.) .....	—	72,998	330,352
Children's, seamless:			
Full length stockings .....	—	128,540	776,968
Golfers .....	—	102,628	596,997
Other (half length, anklets, etc.) .....	—	119,859	553,082
Hosiery, not specified .....	—	55,388	315,428
Houses, pre-fabricated (see "Buildings, etc., pre-fabricated")			
Humidifiers and air conditioners .....	—	—	1
Hydrants .....	—	—	1,289,805
Hydrogen .....	—	—	1
Hydrogen chloride, anhydrous .....	—	—	1
Hydrogen peroxide .....	—	—	1
Hydrol .....	—	—	1
Ice, artificial .....	ton	856,064	5,399,636
Ice cream (factory) .....	gal.	28,939,100	48,069,967
Ice cream mix .....	—	2,120,715	3,292,501
Ice cream sundries .....	—	—	101,260
Icings and icing paste n.e.s. ....	—	—	452,881
Implements, hand, n.e.s. ....	—	—	226,960
Incense and incense charcoal .....	lb.	14,166	18,653
Incubators and other poultrymen's supplies .....	—	—	303,029
Infants' wear (see also "Knitted Infants' Wear"):			
Bibs .....	doz.	75,206	139,268
Coats .....	—	26,979	2,145,594
Dresses .....	—	86,062	1,130,311
Diapers .....	—	299,506	604,375
Headwear .....	—	79,335	573,038
Night gowns .....	—	68,218	334,484
Rompers .....	—	49,197	564,377
Sleepers (see also "Children's sleepers") .....	—	37,054	482,521
Sleeping bags .....	—	11,222	630,582
Slips .....	—	8,580	48,365
Not specified .....	—	—	277,538

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Ingot (see "Aluminum", "Steel", "Brass", "Bronze")			
Ink eraser, liquid			1
Ink, printing and lithographing			11, 125, 566
Ink, writing	lb.	25, 735, 017	315, 895
Ink, not specified			229, 666
Insecticides			4, 448, 706
Instruments, scientific, n.e.s.			23, 334, 016
Insulating materials, n.e.s. (see also "Rockwool")			2, 709, 546
Insulators, porcelain and insulator parts			5, 444, 491
Interoffice communication sets, excluding telephone apparatus provided			1
Iron, pig:			
Quantity made			
Quantity shipped	ton	3, 012, 268	
Iron and steel products, rolled, n.e.s.	"	626, 624	31, 510, 562
Irons, electric		65, 677	7, 030, 104
Irons, gasoline	No.	482, 441	4, 257, 844
Ironers, electric			1
Iron work, ornamental and architectural	No.	11, 112	886, 979
Ironing boards			13, 769, 153
Irrigation equipment	No.	55, 719	195, 382
Isobutylene			1
Jacks, auto			1
Jacks, lift, screw and ratchet			1
Jams*			1
Javelle water	lb.	78, 933, 875	14, 365, 970
Jellies*			5, 850, 639
Jewellery	lb.	5, 531, 134	1, 160, 821
Jigs and fixtures			20, 625, 744
Jointers, woodworking			4, 382, 601
Jute, jute paddings and jute yarn	No.	3, 746	169, 546
Kegs, beer			1, 334, 251
Kegs, fish	No.	19, 545	593, 722
Kegs, nail, etc.	"	4, 444	14, 935
Kerosene			866, 170
Kettles, electric	Imp. gal.	15, 106, 460	2, 523, 262
Kitchen equipment for hotels, cafeterias, etc.			1
Kitchenware, aluminum, including pressure cookers			4, 962, 810
Kitchenware and ovenware, glass, (included with "Glass, pressed and blown")			8, 187, 294
Kitchenware, other (see also "Woodenware, kitchen")			3, 878, 233
Knitted fabrics:			
Cotton stockinette, including meatwrap			1, 505, 936
Cotton, not specified	yd.	1, 773, 454	2, 392, 471
Nylon			6, 109, 681
Rayon	lb.	3, 378, 142	4, 305, 334
Wool	yd.	1, 081, 751	2, 397, 901
Knitted goods, miscellaneous:			
Infants' jackets, booties, etc.	doz.	369, 515	4, 113, 037
Not specified			483, 335
Knitting, custom			784, 298
Knives, machine			1, 446, 002
Knives, bread, paring etc.			256, 354
Labels, gummed paper			939, 227
Labels, fabric			1, 185, 933
Lace, all kinds			1, 560, 178
Laces, corset			38, 950
Laces, shoe, (silk, cotton, etc.)			1, 136, 635
Laces, shoe, leather	doz.	4, 178	3, 513
Lacquers	Imp. gal.	2, 785, 472	7, 659, 792
Lacrosse sticks			1
Lactose (see "Sugar of Milk")			
Ladders, step, extension, etc.			1, 615, 559
Lamps, incandescent, except therapeutic (bulbs)	No.	108, 306, 700	14, 885, 125
Lamps, fluorescent (bulbs)	"	4, 882, 012	3, 598, 998
Lamps, photo flash (bulbs)	"	15, 071, 759	1, 559, 285
Lamps, electric:			
Floor:			
Incandescent			2, 637, 572
Table:			
Incandescent			4, 419, 725
Fluorescent			50, 689
Other:			
Incandescent	No.	136, 695	320, 179
Lamps, other than electric			107, 086
Lamp shades and wire frames			2, 607, 321
Lamp stands and lamp bases			1
Lanterns, including railway, marine, etc.			1
Lard	lb.	101, 995, 134	14, 439, 593
Lasts, trees, and shoe findings, not specified			1, 071, 817
Latex compounds			1
Latex, foamed (included in "Rubber goods, sponge and soft")			
Lathes, metal-working			2, 127, 347
Lathes, wood-working	No.	2, 372	56, 574
Lath, metal			3, 052, 588
Lath, gypsum	sq. ft.	269, 225, 013	7, 977, 335
Laths, wood*	M.	155, 700	1, 687, 734
Laundry dryers (electric)	No.	3, 917	709, 813
Lead, naphtenate			1
Lead, refined (metal)	lb.	49, 516, 646	6, 943, 493
Lead, red	"	2, 738, 369	459, 994
Lead, white, dry			1

1. Indicates the commodity was reported by only one or two concerns.



## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Lead, white, ground in oil .....	lb.	1,463,128	283,389
Lead, sheet .....	"	4,902,499	957,284
Lead products, n.s. ....	"	1,232,260	264,556
Lead for pencils .....	"	—	140,406
Leather:			
Belting .....	—	—	1
Bag, case and strap .....	sq. ft.	2,549,067	1,175,920
Garment .....	"	3,858,432	1,157,464
Glove .....	—	—	2,627,775
Harness .....	lb.	644,803	384,294
Lace .....	"	143,310	195,494
Oil tanned, shoe-pack .....	"	214,638	65,202
Sole:			
Bellies .....	"	2,293,099	734,973
Bends .....	"	9,576,525	5,920,642
Shoulders .....	"	2,836,592	1,291,779
Upholstering (included in "Leather, not specified")			
Upper leather:			
Calf skins .....	sq. ft.	8,936,902	6,060,540
Cattle and horse hides .....	"	49,583,465	17,491,815
Chrome splits .....	"	11,582,227	1,733,265
Goat skins .....	"	873,113	311,578
Sheep skins .....	"	1,095,501	263,797
Wax splits .....	"	396,593	62,146
Patent and enamelled shoe leather (included in "Other upper leather not specified")			
Other, not specified .....	"	5,117,418	1,754,656
Leather splits, not specified .....	—	—	857,302
Leather, not specified .....	—	—	2,467,980
Leather, artificial .....	—	—	6,389,473
Leather goods, not specified .....	—	—	135,853
Lecithin .....	—	—	1
Lemon butter and cheese .....	—	—	1
Lenses, optical .....	—	—	3,239,945
Lenses, optical, contact .....	—	—	1
Life buoys, jackets, belts, etc. ....	—	—	205,302
Lighter fluid .....	—	—	518,914
Lighters, cigarette, and parts .....	—	—	1,583,537
Lightning rods and supplies .....	—	—	330,556
Lignosulphonates .....	—	—	1
Lime, quick (including value of containers) .....	—	—	15,382,830
Limestone (building and monument) .....	—	—	2,539,384
Line material (see "Hardware, pole-line")			
Linings, brake, asbestos .....	—	—	3,472,888
Linings, glove and shoe .....	—	—	2,066,365
Linings, not specified .....	—	—	20,721
Litharge .....	lb.	7,611,739	1,125,259
Locomotives, diesel-electric, new .....	No.	260	42,259,233
Locomotives and car parts n.e.s. ....	—	—	11,059,795
Looms, weaving .....	—	—	100,476
Lubricating systems, automobile and other .....	—	—	957,010
Lumber, matched .....	M ft. b. m.	180,731	16,746,093
Lumber, planed* .....	"	3,427,447	263,147,957
Lumber, sawn* .....	"	5,135,039	328,773,276
Lumber, not specified .....	—	—	1,658,570
Lye .....	—	—	1
Macaroni and spaghetti, canned .....	lb.	31,387,551	3,463,215
Macaroni, vermicelli, spaghetti, etc., dry .....	"	70,850,564	8,086,417
Machinery:			
Accounting machines (see also "Machinery, office") .....	—	—	1
Adding and other calculating (see also "Machinery, office") .....	No.	17,431	2,630,681
Bakers', mixing .....	—	926	811,755
Bakers', not elsewhere specified .....	—	—	451,102
Boring (metal-working) .....	No.	24	1,304,589
Bottlers' .....	—	—	306,666
Canning, and parts .....	—	—	1,666,371
Chlorinating .....	—	—	1
Cleaning and pressing (included in "Laundry, cleaning and pressing")			
Coal handling and coal pulverizing .....	—	—	1,375,879
Concrete and cement making .....	—	—	1,442,613
Conveying and elevating (except passenger and freight elevators) and parts .....	—	—	15,397,387
Dairy, including milking machines .....	—	—	2,674,238
Flour and grist mill, not elsewhere specified .....	—	—	411,895
Grain grinding, cleaning, etc. ....	No.	3,403	219,183
Grain loaders and elevators .....	—	—	4,690,536
Hoisting, except mine hoists .....	—	—	12,149,042
Kitchen and other household .....	—	—	1,219,620
Knitting .....	—	—	1
Laundry, cleaning and pressing .....	—	—	2,891,703
Leather working .....	—	—	1,691,175
Logging .....	—	—	1,288,431
Lumber and shingle drying .....	—	—	1
Metal-working, not elsewhere specified .....	—	—	51,770
Milking (included in "Machinery, Dairy")			
Milling (metal-working) .....	No.	50	610,659
Mining and metallurgical, not elsewhere specified, and parts .....	—	—	6,698,685
Office, n.e.s. (see also "Accounting, adding and calculating machinery")			
Plastics .....	—	—	10,848,096
Printing .....	—	—	46,306
Pulp and paper .....	—	—	279,339
Road and excavating .....	—	—	19,856,454
Rolling mill .....	—	—	4,050,748
			3,182,112

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Machinery - Concluded:			
Rubber mill.....	-	-	2,527,819
Saw and planing mill.....	-	-	3,149,176
Sewing.....	-	-	1
Ships' and fittings.....	-	-	6,035,405
Stone working.....	-	-	652,156
Textile, n.e.s.....	-	-	340,025
Transmission.....	-	-	2,692,574
Vulcanizing.....	-	-	1
Washing machines:			
Electric.....	No.	237,715	26,896,977
Other power.....	-	-	1,165,629
Watersoftener equipment.....	-	-	1
Wood-working, n.e.s.....	-	-	720,354
Other, not specified.....	-	-	13,230,855
Machinery parts, not specified.....	-	-	1,621,464
Malt, made for sale.....	-	-	1
Malt, caramel (made for colouring) (included in "Colours, butter, cheese and other")	-	-	
Malt flour.....	lb.	1,096,410	103,311
Malt extract and syrup.....	"	7,025,142	872,951
Malt coomings and sprouts.....	-	-	1
Manganese naphthenate.....	-	-	1
Mantles, lamp.....	-	-	1
Manure spreaders and loaders.....	No.	12,021	3,991,495
Maple products.....	-	-	1
Maps.....	-	-	852,250
Marble chips and dust.....	-	-	1
Marble monuments.....	-	-	823,186
Marble for building purposes.....	-	-	665,621
Margarine.....	lb.	108,057,682	29,608,226
Marine and fishermen's supplies.....	-	-	310,312
Marmalades*.....	lb.	19,533,956	3,332,032
Match splints and match blocks.....	-	-	1
Matchers and planers (wood-working).....	No.	276	609,421
Matches.....	-	-	4,795,051
Mats and matting, rubber.....	-	-	3,343,042
Mattresses, including air and sponge.....	-	-	18,946,902
Meal, alfalfa.....	ton	33,622	1,747,819
Meal, cereal grass.....	"	12,788	989,310
Meal, coconut oilcake.....	-	-	1
Meal, corn.....	ton	5,156	556,896
Meal, fish.....	"	49,075	6,387,934
Meal, linseed oilcake.....	"	95,942	6,137,763
Meal, meat, hoof, lung, liver, etc.....	lb.	26,063,750	1,253,553
Meal, rapeseed oilcake.....	ton	2,343	138,062
Meal, rye.....	"	212	17,075
Meal, sunflower oilcake.....	-	-	1
Meal, soybean oilcake.....	ton	207,127	15,911,631
Meats, canned:			
Beef:			
Spiced beef.....	lb.	735,043	364,675
Beef stews and boiled dinners.....	"	17,078,007	5,191,224
Other, including corned beef, beef sausage, roast beef, etc.....	"	2,039,712	905,245
Pork:			
Spiced pork and ham.....	"	19,018,664	9,485,983
Roast pork and ham.....	"	20,642,215	17,058,478
Sausage.....	"	1,019,521	435,856
Other, including bacon, devilled ham, pigs' feet, etc.....	"	902,331	491,316
Poultry*.....	"	1,555,839	1,451,503
Miscellaneous:			
Weiners.....	"	830,561	390,132
Meat paste (included in "Paste, meat and chicken").....	"		
Meat lunch.....	"	555,069	243,174
Other, including bologna, lunch tongue, etc.....	"	5,861,071	2,287,723
Meats, cooked, all kinds.....	"	51,882,190	32,916,793
Meats, cured:			
Bacon and sides.....	"	80,523,507	47,617,093
Beef, salted and cured.....	"	4,095,393	1,100,802
Hams.....	"	46,896,689	30,254,290
Pork, salted.....	"	14,570,549	3,919,740
Shoulders.....	"	42,309,632	20,572,780
Other.....	"	28,534,749	10,893,265
Meats sold fresh:			
Beef.....	"	699,851,988	241,091,728
Fancy meats.....	"	57,538,263	11,621,386
Horse.....	"	18,082,036	1,802,169
Mutton and lamb.....	"	20,869,380	8,817,615
Pork.....	"	329,872,116	133,977,532
Poultry.....	"	33,383,576	16,939,954
Veal.....	"	77,739,491	29,166,903
Other.....	"	1,915,392	273,903
Meats sold frozen:			
Beef.....	"	24,348,471	8,422,852
Fancy meats.....	"	6,076,368	1,234,617
Horse.....	"	1,414,812	122,661
Mutton and lamb.....	"	6,659,536	2,700,416
Pork.....	"	62,671,213	24,727,824
Veal.....	"	4,557,382	1,620,885
Other.....	"	226,436	31,723
Meat, not specified.....	"	910,078	551,860
Meat scrap.....	"	113,213,026	4,707,445

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Medicines and pharmaceuticals, n.e.s.:			
Registered as patent medicines (all ingredients not declared) .....	—	—	18,560,574
Ethical specialties for human use, n.e.s. ....	—	—	28,840,795
Oral antiseptics .....	—	—	777,507
All other human medicines .....	—	—	7,034,019
Metal products, not specified .....	—	—	701,506
Meters, gasoline .....	—	—	1
Meters, water .....	—	—	1
Meters, not specified and meter parts .....	—	—	608,466
Methyl hydrate, crude and refined .....	—	—	1
Mica products .....	—	—	1
Military web equipment .....	—	—	1
Milk, sold in dairy factories .....	gal.	167,315,993	118,945,190
Milk, transferred to other branches of the firm .....	—	7,841,237	2,634,346
Milk, buttermilk, sold .....	—	—	1,305,148
Milk, buttermilk, condensed .....	lb.	490,819	28,152
Milk, condensed .....	—	19,547,937	2,831,158
Milk, evaporated .....	—	271,410,433	32,346,211
Milk, skim .....	—	—	2,365,860
Milk, skim, condensed .....	—	3,820,522	368,732
Milk, skim, evaporated .....	—	10,722,724	417,794
Milk products, not specified .....	—	—	2,665,421
Milk drinks, (see "Food drinks") .....	—	—	—
Milling cutters .....	—	—	1,549,607
Mincemeat .....	lb.	6,881,033	1,178,063
Mine timbers, props, wedges, etc.* .....	—	—	1,838,509
Mirrors .....	—	—	4,811,347
Modelling clay .....	—	—	1
Molasses .....	ton	40,519	934,775
Monuments, lettered only .....	—	—	457,199
Monuments, (see "Granite", "Limestone" and "Marble") .....	—	—	—
Monuments, artificial stone, bases, etc. ....	—	—	173,703
Mops, dish .....	doz.	55,240	84,565
Mops, floor:			
Cellulose .....	—	23,693	221,784
Wet .....	—	166,253	1,305,917
Dry .....	—	52,397	646,933
Not specified .....	—	26,905	215,240
Mops, n.e.s. ....	—	—	248,638
Mop parts .....	—	—	75,680
Morticians' goods .....	—	—	262,977
Mortisers (wood working) .....	No.	37	39,718
Motorcycles .....	—	—	1
Motor driven appliances and equipment .....	—	—	1,292,047
Motors, electric, A.C. and D.C. (except starting motors) .....	No.	1,364,192	39,664,003
Motors, other, and parts .....	—	—	5,068,636
Moulders, wood-working .....	No.	27	263,255
Mouldings .....	—	—	10,138,994
Moulds for bakelite and rubber .....	—	—	4,310,132
Mould stools, ingot .....	—	—	1
Mounting (trade work) .....	—	—	1,363,895
Mowers, hay (horse and tractor) .....	No.	13,930	2,717,178
Mowers, lawn .....	—	54,124	2,067,103
Mucilage .....	—	—	158,127
Muffs, fur .....	No.	779	9,129
Muff beds .....	doz.	303	7,331
Munitions and other war supplies .....	—	—	54,137,582
Muriate of potash .....	ton	1,550	84,930
Music, printed .....	—	—	174,106
Musical powder boxes and music boxes .....	No.	18,065	70,354
Musical instruments and parts, n.e.s. ....	—	—	161,093
Mustard, dry .....	lb.	295,241	110,084
Mustard, prepared .....	—	—	1,666,698
Mustard, compound .....	lb.	91,636	30,173
Nails, aluminum .....	—	—	271,792
Nails, brass and copper:			
Quantity made .....	lb.	189,731	—
Quantity shipped .....	—	169,390	88,589
Nails and spikes cut from plate:			
Quantity made .....	kegs	12,781	—
Quantity shipped .....	—	13,776	168,512
Nails, tacks and brads, wire:			
Quantity made .....	—	1,437,831	—
Quantity shipped .....	—	1,423,624	12,170,876
Nails, horseshoe and other, n.e.s. ....	—	—	192,472
Naphthalene .....	Imp. gal.	886,707	267,391
Naphtha V.M. and P. or solvent .....	—	20,602,341	5,894,317
Napkins, paper .....	M	2,479,471	2,953,049
Napkins, sanitary .....	—	—	7,751,445
Neckties .....	—	—	6,849,239
Neckwear, women's .....	doz.	843,072	270,040
Neck pieces, fur .....	—	29,426	615,313
Needles, knitting machine .....	No.	15,879	1
Needles, knitting, other .....	—	—	56,591
Nickel-silver, n.e.s. ....	—	—	322,026
Nightdresses:			
Cotton and flannelette .....	lb.	432,227	—
Silk, nylon and rayon .....	doz.	76,312	1,415,845
Night dresses, knitted and other n.e.s. ....	—	131,468	3,360,506
Nightshirts .....	—	25,204	891,042
	—	2,647	66,029

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Nitrobenzol.....	—	—	1
Nitrogen.....	—	—	1
Nitrous oxide.....	—	—	1
Non-ferrous alloys, n.e.s. ....	—	—	1
Novelties, advertising and other, n.s. ....	—	—	961,615
Novelties, plastic.....	—	—	1,105,638
Novelties, printed.....	—	—	1,399,919
Nuts, roasted, salted, etc. (see also "Peanuts, roasted, salted").....	lb.	2,536,350	2,988,780
Nylon fabric (see "Silk and synthetic fabrics" and "Knitted fabrics")	—	—	—
Oars and paddles.....	—	—	248,461
Oats, rolled.....	ton	42,336	6,478,389
Oatmeal.....	"	2,231	254,027
Offal, not specified.....	"	2,311,515	2,463,940
Oil burners and parts.....	—	—	13,329,669
Oilcloth, other than floor.....	—	—	1
Oil, aniline.....	—	—	1
Oil, coconut, crude and processed.....	lb.	27,824,633	4,729,615
Oil, cooking (blended).....	—	—	1
Oil, core.....	—	—	665,984
Oil, corn, crude.....	—	—	1
Oil, corn, refined.....	—	—	1
Oil, cotton seed.....	lb.	9,065,734	1,934,741
Oil, creosote.....	gal.	14,125,888	3,895,908
Oil, fish (industrial)*.....	lb.	27,113,000	1,881,200
Oil, fish (vitamin)*.....	"	33,643,905	1,040,527
Oil, fish, n.s.*.....	"	3,403,434	1,060,740
Oil fuel:			
Aviation turbine.....	Imp. gal.	40,226,081	6,291,910
Diesel.....	"	380,308,463	39,379,087
Heavy fuel oil:			
For own use.....	"	183,206,231	12,186,910
For sale.....	"	1,017,137,918	64,546,612
Light fuel oil:			
For own use.....	"	274,750	34,181
For sale.....	"	647,522,619	79,736,113
Tractor.....	"	10,682,000	1,596,779
Oil, fusel, (sold).....	—	43,080	21,075
Oil, lard.....	—	—	1
Oil, light n.e.s. ....	Imp. gal.	6,193,059	1,869,382
Oil, linseed, boiled.....	"	553,789	768,739
Oil, linseed, raw.....	"	6,367,636	7,247,997
Oil, linseed, special.....	—	—	4,187,662
Oil, lubricating.....	—	—	31,055,057
Oil, neatsfoot.....	lb.	697,161	83,691
Oil, oleo.....	"	2,530,016	344,574
Oil, palm and palm kernel.....	—	—	1
Oil, peanut.....	lb.	1,027,565	413,349
Oil, rape seed.....	"	3,988,420	507,457
Oil, soybean.....	"	93,773,422	13,770,098
Oil, stand blown, enamel, etc. ....	—	—	1
Oil, blended salad.....	lb.	1,371,632	284,053
Oil, stove.....	Imp. gal.	287,786,466	40,300,993
Oils, sulphonated, textile oils and other textile chemicals.....	lb.	6,891,362	1,194,740
Oil, sunflower seed.....	—	—	1
Oil, vegetable, n.e.s. ....	lb.	32,019,639	6,324,983
Oil, whale.....	—	—	1
Oils, other n.s. ....	—	—	765,513
Oleo stock.....	lb.	2,833,077	309,734
Olives, bottled, etc. ....	gal.	445,640	2,017,980
Optical equipment n.e.s. ....	—	—	265,323
Organs, electronic.....	—	—	1
Organs, other, and parts.....	—	—	1,204,723
Ornaments, n.s. ....	—	—	910,611
Ovens, commercial, cooking.....	No.	304	535,479
Ovens, industrial, electric.....	—	—	677,663
Overalls: (see also "Smocks, etc.")			
Bib:			
Men's and youths'.....	doz.	85,886	3,043,967
Boys'.....	"	13,258	209,915
Coveralls:			
Men's and youths'.....	"	59,313	3,411,942
Boys'.....	"	235	9,236
Dungarees and waist band:			
Men's and youths'.....	"	137,646	3,707,170
Boys'.....	"	162,123	3,199,706
Overall coats (jumpers) only:			
Men's and youths'.....	"	14,256	524,974
Boys'.....	—	—	1
Smocks, dusters and shop coats.....	doz.	28,939	1,334,800
Children's, all kinds.....	"	209,618	2,815,996
Oxygen.....	cu. ft.	897,743,238	7,418,809
Packing, asbestos.....	—	—	662,976
Packing, rubber.....	lb.	1,562,579	585,184
Packing, not specified.....	—	—	841,691
Pads, electric, heating.....	No.	127,512	473,166
Pads, couch.....	"	10,088	88,359
Pads, shoulder.....	doz.	1,406,689	1,515,609
Pads, stamp.....	—	—	44,501
Pads, stair.....	—	—	1
Pads, sweat.....	No.	30,353	37,076

1. Indicates the commodity was reported by one or two concerns.



## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Pads and padding n.s. ....	—	—	2, 154, 382
Pails, paper .....	No.	7, 312, 665	237, 636
Pails, tin .....	—	—	234, 253
Pails and tubs, wooden, etc. ....	—	—	10, 495
Painting equipment, n.s. ....	—	—	1, 656, 390
Paint, varnish and enamel removers .....	gal.	135, 396	386, 941
Paints, cement .....	—	—	1
Paint, latex emulsion .....	Imp. gal.	2, 103, 061	8, 580, 357
Paints, water-thinned:			
Resin emulsion paints, paste and semi-paint form:			
Interior .....	"	218, 098	687, 988
Exterior .....	"	19, 769	52, 234
Casein and other protein bound, (cold water paints):			
Interior .....	—	—	341, 809
Exterior .....	—	—	261, 790
Texture-type water paints .....	lb.	1, 411, 967	122, 410
Calcimines:			
Hot water .....	"	1, 466, 764	155, 349
Cold water .....	"	—	—
Paints, ready mixed (including asphalt and tar) .....	Imp. gal.	11, 227, 811	42, 208, 227
Paints, paste (not including water-paste paints) .....	lb.	3, 691, 073	1, 002, 264
Paints and enamels, other (see also "Enamels") .....	—	—	726, 930
Pallets (skids) .....	—	—	826, 184
Panel boards and cabinets (included in "Switch gear and protective equipment")			
Pants, breeches, etc.:			
Breeches:			
Men's and youths':			
Cotton .....	doz.	92	3, 574
Wool and wool mixtures .....	"	1, 953	144, 578
Boys':			
Cotton .....	"	883	21, 698
Wool and wool mixtures .....	"	7, 863	208, 232
Pants and slacks, fine, separate, dress and sport:			
Men's and youths':			
Cotton or chiefly cotton .....	No.	98, 141	301, 824
Rayon .....	"	1, 083, 997	4, 856, 690
Rayon mixtures, chiefly rayon .....	"	641, 075	3, 469, 450
Wool .....	"	948, 455	8, 822, 577
Wool mixtures, chiefly wool .....	"	586, 964	3, 072, 430
Boys':			
Cotton or chiefly cotton .....	"	329, 435	674, 468
Rayon .....	"	455, 873	1, 208, 362
Rayon mixtures, chiefly rayon .....	"	304, 879	866, 702
Wool .....	"	204, 624	909, 745
Wool mixtures, chiefly wool .....	"	384, 938	1, 200, 412
Pants, soccer, hockey, etc. ....	"	18, 039	129, 354
Pants, uniform, separate:			
Men's and youths':			
Military .....	No.	1, 263, 050	7, 477, 881
Non-military .....	"	117, 742	1, 362, 175
Pants, work:			
Men's and youths':			
Cotton .....	doz.	228, 983	8, 167, 975
Wool and wool mixtures .....	"	37, 816	1, 898, 655
Boys':			
Cotton .....	"	41, 218	997, 117
Wool and wool mixtures .....	"	13, 997	397, 169
Pants, baby (plastic, rubber, etc.) .....	—	—	719, 015
Pants, rubberized and oiled .....	doz.	1, 340	50, 889
Pants, not specified .....	"	61, 751	832, 874
Paper:			
Adding machine and cash register .....	—	—	426, 217
Asbestos .....	—	—	1
Blotting, clay coated and enamelled .....	—	—	1
Blue print and photostat .....	—	—	1
Book (basic) .....	—	—	2, 153, 584
Box cover, coloured .....	ton	93, 157	21, 115, 338
Writing pads, tablets, etc. ....	—	—	1
Building and roofing paper:			
Asphalt saturated rag and asbestos felt shingles and shingle type sidings .....	square	2, 573, 060	18, 691, 596
Mineral surfaced rag and asbestos felt roll roofing .....	"	883, 820	3, 228, 562
Smooth surfaced rag and asbestos roll roofing .....	"	1, 057, 893	2, 425, 616
Roll type rag and asbestos felt siding .....	"	302, 497	1, 420, 848
Tar and asphalt saturated rag and asbestos felts, not coated .....	ton	46, 280	4, 581, 490
Tar and asphalt saturated and or coated sheathings .....	"	12, 181	1, 998, 320
Other felts and sheathings .....	—	—	1
Insulated siding .....	—	—	1
Building papers, n.s. (basic) .....	ton	91, 239	7, 008, 226
Carbon .....	—	—	3, 360, 115
Cigarette tubes and paper .....	—	—	978, 102
Coated and other paper n.e.s. ....	lb.	38, 316, 256	7, 531, 816
Corrugated (paper and wrappers) .....	—	—	1, 436, 074
Creped or crinkled .....	lb.	2, 182, 952	810, 756
Fabric .....	—	—	1
Fine (basic) .....	ton	106, 008	32, 582, 155
Foolscap .....	ream	85, 121	97, 267
Friction or flint glazed .....	—	—	1
Gummed (in sheets) .....	—	—	1
Special, industrial (basic) .....	ton	10, 047	2, 878, 946
Lining, pan, shelf, etc. ....	—	—	566, 688

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Paper—Concluded:			
Parchment, vegetable.....	—	—	1
Oiled.....	—	—	1
Paper napkins and doilies (see "Napkins" and "Doilies")			
Newsprint paper: (basic)			
In sheets, for printing.....	ton	61,428	8,238,743
In rolls for printing.....	"	5,652,268	621,936,217
Side runs for pulping.....	"	26,959	1,576,919
Counter rolls.....	—	—	1
Other.....	—	—	—
Printing and specialty paper, ground wood.....	ton	23,407	2,494,730
Safety paper, for cheques, etc.....	"	47,348	7,754,052
Sanitary (basic).....	—	—	975,158
Tissue, converted.....	ton	76,302	15,958,041
Tissue, other than sanitary, (basic stock).....	—	—	843,500
Toilet, converted.....	ton	10,221	3,239,972
Towels, paper (see "Towels")	case	1,505,039	11,842,796
Typewriter.....	ream	327,336	275,131
Vinylite.....	—	—	1
Wall paper.....	—	—	1
Waterproofed, other than waxed, n.e.s.....	—	—	1
Waxed paper:			
Bread wrappers.....	lb.	34,076,738	7,440,773
Other, plain and printed.....	"	46,417,746	9,664,166
Wrapping paper: (basic stock)			
Unbleached sulphate kraft No. 1 and 2.....	ton	189,607	35,061,214
Bleached sulphate and or sulphite.....	"	26,880	8,065,303
Unbleached and semi-bleached sulphite and sulphate.....	"	3,927	959,406
Miscellaneous furnishes.....	"	11,130	2,343,334
Wrapping special.....	—	—	1
Paper, miscellaneous, n.e.s. (converted).....	—	—	478,922
Paper goods.....	—	—	1,099,419
Paper board:			
Box board (basic stock).....	ton	418,333	51,595,992
Building, rigid, insulating.....	"	129,976	13,304,506
Building, other (basic).....	—	—	1
Container board:			
Container chip (basic stock).....	—	—	1
Corrugating board (basic stock).....	ton	145,068	16,909,644
Liners (basic stock).....	"	236,917	29,678,077
Mounting board, photo, etc.....	—	—	1
Clay coated and enamelled.....	—	—	1
Coated other, not specified.....	—	—	4,020,527
Wallboard, building board, n.e.s.....	—	—	2,805,819
Wet machine boards (basic).....	—	—	1
All other board and paper n.e.s.....	—	—	1,731,200
Papeteries (stationery in boxes) see also "Paper—writing pads, tablets, etc.")			681,948
Parachutes and parachute equipment.....	—	—	1
Parafilm.....	—	—	1
Paraldehyde.....	—	—	1
Paste, adhesive.....	—	—	639,835
Paste, meat and chicken.....	lb.	4,506,176	2,263,912
Paste, flavouring.....	—	—	1
Paste, tooth (see "Dentifrices")			
Patterns and models, foundry and other, wood and metal.....	—	—	2,482,472
Patterns, paper.....	—	—	1,594,750
Peanut butter.....	lb.	24,369,126	7,535,843
Peanuts, roasted and salted (for sale) (see also "Nuts, salted etc.)	"	19,566,794	7,206,191
Pearls, artificial and simulated.....	—	—	593,280
Peas, split.....	—	—	1
Peavies, cant hooks and pike poles.....	—	—	368,354
Pectin (see also "Apple juice concentrate")			1
Pencils, non-mechanical.....	gr.	569,312	2,473,904
Pencils, mechanical.....	doz.	79,129	562,778
Pencil parts.....	—	—	43,329
Penicillin (included in "Antibiotics")			
Penicillin preparations.....	—	—	2,919,078
Penicillin—streptomycin preparations.....	—	—	1,172,035
Pennants.....	—	—	167,253
Pens, fountain and ball point.....	doz.	631,901	5,205,453
Pens, fountain, ball point and other, parts.....	—	—	599,616
Pentaerythritol.....	—	—	1
Pentastol acetate.....	—	—	1
Perchloroethylene.....	—	—	1
Percolators, electric (see "Coffee-makers, electric")			
Perfumes.....	—	—	1,319,358
Periodicals, printed by publishers:			
Newspapers daily:			
Gross revenue from advertising.....	—	—	109,795,330
Subscriptions and sales.....	—	—	39,925,916
Newspapers, weekly and other:			
Gross revenue from advertising.....	—	—	26,382,039
Subscriptions and sales.....	—	—	11,148,205
Magazines:			
Gross revenue from advertising.....	—	—	12,184,202
Subscriptions and sales.....	—	—	5,020,626
Other publications:			
Gross revenue from advertising.....	—	—	32,462,212
Subscriptions and sales.....	—	—	10,149,828
Phenol.....	—	—	1

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Phenacetin.....	—	—	1
Phonographs, electrically operated (included with "Record players-electrically operated.")	—	—	1
Phosphorus.....	—	—	1
Phosphorus sesquisulphide.....	—	—	1
Photo-engraving.....	—	—	11,200,998
Photographic materials, n.e.s. (including photo paper).....	—	—	3,533,627
Photography (Commercial).....	—	—	659,208
Phthalic anhydride.....	—	—	1
Pianos:			
Grand.....	No.	84	94,007
Upright.....	"	7,341	2,902,840
Piano strings and other parts.....	—	—	673,677
Pickets, wood*.....	M	6,056	632,655
Pickles, relishes and sauces (see also "Tomato Catsup").....	gal.	6,048,822	12,367,497
Picrite.....	—	—	1
Pictures, framed.....	—	—	957,323
Pictures and mirror frames.....	—	—	728,793
Pies, cakes and pastry* (see also "Puddings, cakes, etc., canned").....	—	—	72,358,539
Pies, meat*.....	—	—	1,096,956
Piling, sheet.....	—	—	1
Pillow cases (included in "Sheets and pillow cases cotton.")	—	—	—
Pillow cotton (included in "Cotton fabrics")	—	—	—
Pillows.....	—	—	1,443,235
Pins, plain and hair pins.....	—	—	1,420,790
Pipe and fittings, brass, bronze and copper.....	—	—	294,393
Pipe and fittings, cast iron, soil.....	ton	54,114	10,873,446
Pipe and fittings, cast iron, water.....	"	96,437	11,128,496
Pipe fittings, cast iron, other.....	"	10,264	4,066,225
Pipe, lead.....	lb.	3,048,214	674,991
Pipe fittings, malleable iron.....	ton	7,714	5,923,517
Pipe, sewer, clay.....	—	—	3,263,586
Pipe, sewer and culvert, cement.....	—	—	10,070,626
Pipe, culvert, n.e.s.....	ton	30,348	10,048,163
Pipe, steel, rivetted and welded.....	—	—	1,577,196
Pipe and fittings, steel, n.e.s.....	ton	132,444	26,788,158
Pipe and tubing, copper.....	—	—	1
Pipes, furnace and stove.....	—	—	784,462
Pipes, wooden.....	—	—	1
Pipes and fittings, other, n.s.....	—	—	44,202
Pipes, tobacco.....	doz.	6,701	73,025
Pipes, tobacco (parts and accessories).....	—	—	14,843
Piston rings, automobile.....	No.	21,685,596	3,024,885
Pistons, automobile, and piston ring expanders.....	—	—	1,806,988
Pitch.....	ton	132,737	4,783,378
Planers, metal-working.....	No.	105	296,024
Planers, wood-working (included in "Matchers")	—	—	—
Planing, custom.....	M ft. b. m.	769,365	5,812,490
Planters, corn.....	No.	1,850	132,172
Plastics, primary (see "Synthetic resins")	—	—	—
Plate and tank work, steel, miscellaneous.....	—	—	16,453,996
Plate, black, not specified.....	ton	58,324	7,942,346
Plates, sheets and strips, brass, copper, etc.,.....	lb.	54,764,168	23,696,979
Plates, all kinds including boiler and other sheared plates.....	ton	220,539	23,136,938
Plates, metal, license, name, etc.,.....	—	—	1,902,759
Plates, forks and spoons, paper.....	—	—	474,218
Plating, galvanizing salts.....	—	—	1
Platinum, refined and other platinum products.....	—	—	1,220,548
Play ground, track and field equipment.....	—	—	90,618
Play yards.....	—	—	56,642
Ploughs, agricultural:			
Disc.....	No.	2,199	1,123,515
Harrow ploughs, one-way discs, tiller combines.....	"	17,073	7,914,542
Mouldboard.....	"	15,898	2,882,754
Walking.....	"	1,506	29,806
Other.....	—	—	372,324
Ploughs, snow (included in "Snow removal equipment")	—	—	—
Plugs, wooden.....	—	—	368,736
Plumbers' supplies, not elsewhere specified (Brass, copper, etc.).....	—	—	15,814,708
Plywood.....	M sq. ft.	779,467	66,332,319
Poison, gopher and rat.....	—	—	195,683
Polish, furniture.....	—	—	762,730
Polish, metal.....	—	—	256,973
Polish, shoe.....	—	—	1,232,792
Polish, stove.....	—	—	49,474
Polishes and waxes, floor.....	—	—	11,379,978
Polishes and dressings, automobile.....	—	—	485,160
Polishes and dressings, n.s.....	—	—	237,315
Polishers, floor, electric and other.....	No.	123,822	4,277,205
Polishing mitts and cloths.....	—	—	54,532
Polymer feed stocks.....	—	—	1
Popcorn.....	lb.	5,044,518	2,383,597
Post cards, printed.....	—	—	878,963
Posts, steel, fence.....	ton	4,144	546,532
Posthole diggers.....	—	—	1
Potassium chlorate.....	—	—	1
Potato chips, (factory made).....	lb.	13,408,730	7,475,234
Potato pickers and diggers.....	No.	202	46,448
Pot holders and oven mitts.....	doz.	34,391	40,563
Pot scourers.....	—	—	649,053

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Pottery, glazed and unglazed .....	—	—	629,069
Pottery from imported clay.....	—	—	70,545
Poultry (see "Meats") .....	—	—	—
Powder, baking .....	lb.	8,831,881	2,172,148
Powder, buttermilk .....	—	—	372,401
Powder, cream .....	lb.	31,670	18,880
Powder, custard .....	"	603,250	162,922
Powder, egg .....	"	655,204	1,379,478
Powder, food drinks .....	"	1,587,056	1,080,405
Powder, ice cream .....	"	2,147,787	803,807
Powder, jelly .....	"	15,071,578	5,368,076
Powder, whole milk .....	"	17,703,328	5,062,114
Powder, malted milk .....	"	791,606	153,353
Powder, skim milk .....	"	84,144,655	8,456,292
Powder, pudding (includes powders, pie filling) .....	"	18,091,008	5,334,368
Powder, whey .....	"	4,201,286	245,556
Powder, edible, n.e.s. ....	"	907,101	614,559
Powder, bronze, iron and aluminum .....	"	4,715,350	1,565,369
Powder, sachet .....	—	—	152,612
Powder, talcum and face .....	—	—	2,203,728
Power units .....	No.	14	6,269
Precious metal salts.....	—	—	1
Press cloths.....	—	—	1
Presses, tennis and badminton racquet .....	—	—	1
Presses, baling .....	—	—	1
Presses, hydraulic, and other power .....	—	—	1
Pressure cookers (included under "Kitchenware, aluminum") .....	—	—	3,650,108
Printing, not elsewhere specified:			
Circular letters .....	—	—	2,126,054
General, for trade .....	—	—	1,238,395
Custom printing, (Paper supplied by customer) .....	—	—	3,598,724
Private and personal.....	—	—	2,285,158
Blue prints and photostats.....	—	—	1,183,173
Box covers, coloured .....	—	—	241,057
Periodicals printed for publishers .....	—	—	22,610,386
Other printed matter; menus, statements, bank notes, programmes, etc. (see also "Advertising matter") .....	—	—	17,163,957
Printing and painting on textile fabrics.....	—	—	1,730,834
Propane (included in "Gases, liquifying petroleum") .....	—	—	1
Propellers and shafts .....	—	—	1
Publications, subscriptions and sales (see "Printing and Periodicals") .....	—	—	—
Puddings, cakes, etc., canned and other.....	—	—	311,787
Puffs, powder.....	—	—	201,925
Pulleys, wood and other.....	—	—	409,237
Pulp, fruit (see "Fruit pulp") .....	—	—	1
Pulpstones, artificial .....	—	—	10,132,380
Pulpwood (produced in Sawmills) .....	cds.	309,423	9,964,234
Pulp chips .....	—	—	—
Pulp, wood:			
Ground wood:			
Quantity made .....	S. ton	5,122,597	—
Quantity sold .....	"	279,062	18,398,667
Sulphate:			
Quantity made .....	"	1,205,628	—
Quantity sold .....	"	763,488	98,129,740
Sulphite, bleached:			
Quantity made .....	"	846,487	—
Quantity sold .....	"	770,641	121,229,987
Sulphite, unbleached:			
Quantity made .....	"	1,552,056	—
Quantity sold .....	"	433,609	47,418,907
Screenings:			
Quantity made .....	"	98,368	—
Quantity sold .....	"	38,554	1,073,581
Other:			
Quantity made .....	"	251,927	—
Quantity sold .....	"	43,830	5,379,797
Pumps:			
Centrifugal .....	—	—	8,365,104
Cistern and pitcher .....	No.	26,195	157,927
Deep well .....	"	1,449	65,193
Rotary .....	—	—	1,013,159
Sump .....	—	—	798,610
Vacuum .....	—	—	292,311
Steam .....	No.	2,008	1,535,610
Other power pumps .....	—	—	1,963,714
Gasoline dispensing pumps .....	—	—	3,110,195
Hand pumps .....	No.	46,165	335,646
Household water systems.....	"	45,036	4,631,998
Pump jacks.....	"	4,743	220,784
Pumps and pump parts, n.e.s. ....	—	—	2,063,277
Punching machines .....	—	—	1
Purses, pocket-books and folders.....	No.	1,319,405	1,610,360
Putty and fillers, n.e.s. ....	lb.	11,158,748	814,065
Pyjamas:			
Cotton and flannelette .....	doz.	366,101	8,046,607
Rayon and rayon mixtures .....	"	44,969	1,169,914
Not specified .....	"	74,429	1,977,270
Pyridine .....	—	—	1
Pyrometers .....	No.	60	15,759

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## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Pyrrotechnics and fireworks .....	—	—	1,044,740
Quilted goods.....	—	—	2,164,930
Quilts, bedspreads, etc.....	—	—	628,415
Racquets, tennis, badminton.....	No.	39,095	201,926
Radar equipment (see "Radio communication equipment") .....	—	—	33,629,303
Radiators, automobile.....	—	—	5,968,583
Radiator and boiler compounds.....	—	—	250,594
Radiators, heating, concealed type .....	—	—	4,815,193
Radiators, heating, standing type.....	—	—	3,763,835
Radiators and parts, heating, n.s. ....	—	—	1
Radio communication equipment.....	—	—	27,031,544
Radio sets, tubes and accessories.....	—	—	56,663,208
Rafters, roof trusses and beams laminated .....	—	—	3,127,502
Rail, anchors.....	—	—	1
Rails, iron or steel:			
Quantity made.....	ton	303,318	
Quantity shipped.....	"	299,808	26,465,922
Rail frogs, switches and other track equipment.....	—	—	12,864,143
Railway car coach fittings, bearings, etc. ....	—	—	2,086,869
Rakes, hand.....	—	—	1
Rayon fabrics (see "Silk and synthetic fabrics" and "Knitted fabrics") .....	—	—	—
Razor blades.....	No.	175,651,359	3,564,617
Razors, safety, electric and other.....	"	1,789,735	3,546,188
Recorders, time.....	—	—	1
Recorders, wire or tape .....	—	—	1
Record albums.....	—	—	1
Records, phonograph.....	No.	11,785,357	5,956,501
Record players, electrically operated .....	"	75,482	2,095,580
Rectifiers for storage battery charging and parts.....	—	—	1,104,320
Refractories:			
Cement, high temperature.....	ton	5,319	518,534
Firebrick from domestic clay.....	—	—	660,101
Firebrick from imported clay.....	ton	24,089	1,421,654
Other.....	—	—	6,057,712
Refrigerators and refrigeration equipment, n.e.s.:			
Household, mechanical, complete (electric and gas).....	No.	275,415	50,943,211
Household, ice refrigerators:			
Metal.....	"	1,275	26,470
Wood.....	"	1,597	67,142
Commercial, wood.....	—	—	117,033
Steel cabinets for mechanical refrigerators.....	No.	9,536	536,423
Fixtures:			
Display cases, commercial.....	"	649	387,143
Display cases, other.....	"	2,434	1,607,286
Reach-ins, all sizes.....	"	1,672	722,387
Walk-in coolers.....	"	410	381,196
Refrigerator parts.....	—	—	2,640,449
Refrigeration equipment n.e.s. ....	—	—	7,289,395
Regalia, n.e.s.....	—	—	2,207,111
Registers, cash.....	—	—	1
Registers and grills, air.....	—	—	1,396,928
Regulators, temperature.....	No.	13,038	114,714
Remedies, stock and poultry.....	—	—	2,253,639
Rennet (included in "Colours, food") .....	—	—	—
Repair gums and fabrics*.....	lb.	858,511	715,516
Repair kits*.....	No.	790,678	296,413
Repair patches, tire and tube*.....	—	—	1,068,559
Resin film and resin film products.....	—	—	8,412,098
Resin coating, synthetic.....	—	—	1
Resins, vinyl acetate.....	—	—	1
Ribbons.....	—	—	2,923,023
Rice, cleaned, etc.....	—	—	1
Rifles and shot guns (see "Firearms") .....	—	—	—
Rings, fruit jar, rubber*.....	lb.	1,013,489	603,642
Rings, fruit jar, zinc.....	—	—	1
Rockwool.....	—	—	13,917,482
Rods, copper wire.....	—	—	1
Rods, iron and steel, wire:			
Quantity made.....	ton	286,471	
Quantity shipped.....	"	113,095	10,687,946
Roll covering, rubber.....	—	—	1
Rollers, land and land packers.....	—	—	715,249
Rollers, printers'.....	—	—	669,111
Rolls, rubber covered*.....	—	—	956,786
Rolls, bending and straightening .....	No.	231,430	135,197
Roof deck (metal).....	"	372	1,344,805
Roofing, aluminum.....	—	—	1
Roofing preparations, n.e.s. ....	—	—	852,153
Rope:			
Manilla.....	lb.	6,684,780	2,827,685
Sisal.....	"	4,259,980	1,377,486
Jute and hemp.....	"	76,157	48,594
All other.....	"	273,002	311,741
Rubber, reclaimed, dispersions and other*.....	—	—	1
Rubber and rubber goods, hard*.....	lb.	499,911	585,832
Rubber coverings, linings, etc.*.....	"	614,196	1,354,301
Rubber goods, moulded*.....	"	2,056,475	1,709,214
Rubber goods, plumbers*.....	—	—	1,677,098
Rubber goods, sanitary, n.e.s.*.....	doz.	437,965	110,641
Rubber goods, soft and sponge (including foamed latex)*.....	—	—	8,736,252

1. Indicates the commodity was reported by one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Rubber automotive and aeroplane parts*	lb.	14,895,003	5,176,679
Rubber goods, not specified*	—	—	988,815
Rubber thread*	lb.	699,989	1,462,132
Rubber, synthetic	"	180,262,515	42,129,082
Rugs, automobile*	No.	134,036	550,285
Rules, wooden	—	—	242,435
Ruling (printing plants)	—	—	675,424
Runners and centres, table	—	—	59,873
Rust preventatives and removers	—	—	731,729
Saddles	No.	1,693	66,532
Saddle parts	—	—	16,385
Safes, vaults and fittings	—	—	2,023,173
Sails	No.	1,649	87,332
Salt, including value of containers	—	—	8,405,789
Salt, curing	—	—	1
Sanders (woodworking)	No.	2,716	50,606
Sandstone (building)	—	—	39,791
Sandwich relish and spread (see also "Paste, meat and chicken")	lb.	5,840,993	1,734,081
Sanitary ware	—	—	18,874,143
Sash, doors and other mill work	—	—	66,607,707
Sash, aluminum, brass, etc. (included in "Windows, complete, aluminum and other")	—	—	—
Sauces, catsups and relishes (see "Tomato catsup" and "Pickles, relishes, etc.")	—	—	—
Sauerkraut, canned*	lb.	9,839,321	840,665
Sauerkraut, other*	"	120,700	7,640
Sausage, casings	—	—	6,742,827
Sausage, canned, (see "Meats canned")	—	—	—
Sausage, fresh or cured	lb.	84,829,516	32,870,598
Sawdust and waste, sold	—	—	930,884
Sawing, lumber, custom	—	—	258,479
Saws, all kinds	—	—	10,962,452
Saw parts and saw benches	—	—	1,050,557
Scales	No.	28,884	2,673,475
Scarves	doz.	344,591	2,615,299
School supplies, not specified	—	—	80,820
Scientific equipment, not specified	—	—	2,568,180
Scissors and shears	—	—	76,799
Scrap, aluminum	—	—	1
Scrap, brass, bronze and copper	—	—	1,092,204
Scrap, iron and steel	—	—	1
Screenings, barley, etc.	ton	37,572	1,751,024
Screens, window	—	—	1
Screens, industrial	—	—	1,590,612
Screens, projection	—	—	1
Screens, n.e.s.	—	—	1
Screws and screw machine products	—	—	16,791,496
Scufflers	No.	726	18,478
Scythes and snaths	—	—	126,405
Seals	—	—	273,258
Searchlights, floodlights, etc. (see "Fixtures, lighting")	—	—	—
Seasonings, dry and liquid	—	—	1,362,180
Seed boxes for one-way discs etc.	No.	11,137	1,670,338
Seeders, horse, power and hand	—	—	1
Shades, window, shade cloth and fittings:	—	—	—
Ordinary shades and blinds	—	—	2,204,182
Venetian blinds, all kinds, including strips	—	—	5,512,031
Shade cloth, rollers, etc.	—	—	914,696
Shakes, processed and stained (building purposes)	square	196,287	1,537,095
Shapers, metal-working*	No.	38	165,444
Shapers, wood-working	"	182	102,678
Sharpeners, pencil	—	—	1
Sharpening stones and files	—	—	416,414
Shawls	—	—	1
Shearing machines, metal working	—	—	1
Sheet forms, commercial etc., printed	—	—	41,192,045
Sheeting, cotton (included in "Cotton fabrics")	—	—	—
Sheets and pillow cases, cotton	—	—	5,426,111
Sheets and sheeting, plastic, rubber and waterproofed	—	—	448,456
Sheet metal building materials, n.e.s.	—	—	9,666,136
Sheets, aluminum	—	—	1
Sheets, hoops, bands and strips, iron and steel (rolled and drawn)	—	—	119,077,156
Shellac	—	—	844,769
Shields, dress	doz.	45,064	143,139
Shims, railroad and other	—	—	359,525
Shingle bands*	M.	14,269	114,984
Shingles, asbestos	—	—	1
Shingles, wooden*	—	—	20,687,923
Shipbuilding and repairs*	—	—	191,214,180
Shirts, fine, men's, youths' and boys':	—	—	—
Cotton	doz.	691,554	19,398,402
Silk, rayon and nylon	"	99,936	3,742,565
Shirts for formal wear	"	1,867	89,867
Shirts, work, men's, youths' and boys':	—	—	—
Cotton	"	344,997	7,808,168
Wool and wool mixtures	"	44,452	1,505,352
Shirts, sport, men's, youths' and boys'	"	477,615	14,781,215
Shirts, T-Shirts	"	616,521	6,029,605
Shirts, sweat, jerseys, etc.	"	80,791	1,352,401
Shirts, not specified	"	125,121	1,752,573
Shock absorbers, automobile	No.	1,392,559	2,261,157
Shoddy, mungo and wool extract (see "Wool or part wool, reworked or reprocessed")	—	—	—

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Shoe materials, proxylin coated (included in "Fabrics, coated and impregnated")	—	—	—
Shoe trimmings	—	—	314, 531
Shoe uppers and tops	pr.	83, 936	270, 541
Shooks, box	M ft. b. m.	85, 066	9, 373, 417
Shortening:			
Containing animal fat and marine oil	lb.	84, 379, 587	18, 301, 960
Wholly vegetable	"	51, 605, 052	12, 729, 507
Shorts and middlings	ton	442, 946	22, 903, 630
Shovels, hand	—	—	249, 028
Shovels, power	—	—	2, 370, 506
Shuttlecocks, badminton	—	—	1
Signal systems (traffic, fire alarms, etc.)	—	—	2, 021, 205
Signs, electric, gas, neon and other luminous	—	—	8, 009, 595
Signs, metal, etc.	—	—	3, 030, 379
Silicon carbide, crude	ton	52, 903	7, 438, 243
Silico manganese, silico spiegel, etc. (included in "Ferro-alloys")	—	—	—
Silk and synthetic fabrics, broadwoven:			
All silk mixtures containing silk	yd.	237, 222	269, 149
All continuous filament synthetic yarn:			
Rayon (see also "Knitted fabrics")	"	58, 879, 511	38, 309, 693
Nylon (see also "Knitted fabrics")	"	7, 037, 238	6, 142, 835
Spun rayon and spun rayon mixtures	"	20, 047, 819	15, 101, 101
Mixtures of continuous filament rayon and spun rayon	"	4, 443, 023	4, 002, 444
Mixtures of continuous filament rayon and cotton	"	2, 742, 237	2, 140, 151
Mixtures of spun rayon and cotton	"	1, 541, 024	1, 568, 089
Mixtures of rayon and wool	"	748, 747	820, 441
Other synthetic mixtures	"	1, 227, 227	944, 346
Silk screen printing	—	—	1
Silos	—	—	1
Silver alloys	—	—	846, 089
Silver, fine	—	—	1, 172, 075
Silver, sterling, melted, rolled, etc.	—	—	3, 036, 286
Size	lb.	16, 845, 290	1, 329, 207
Skates, ice	pr.	355, 662	727, 839
Skates, roller	"	59, 621	171, 332
Skewers, n.e.s.	—	—	1
Skiis	pr.	96, 971	375, 082
Ski poles and fittings	—	—	169, 718
Skins, calf	No.	639, 295	2, 960, 358
Skins, sheep	—	—	2, 175, 355
Skins, pickled	No.	550, 070	570, 786
Skins, dressed (excluding raw)	—	—	2, 023, 394
Skips and cages (mining and metallurgical)	—	—	309, 055
Skirts:			
Cotton	No.	1, 316, 329	2, 845, 831
Rayon and rayon mixtures	"	1, 752, 694	5, 850, 378
Woollen	"	1, 327, 842	7, 204, 930
Other	—	—	483, 581
Slabs and edgings	cord	738, 017	2, 618, 086
Sleighs, baby	No.	12, 724	45, 294
Sleighs, children's	"	130, 080	320, 006
Sleighs, dog	"	314	7, 294
Sleighs, horse-drawn, etc. (see also "Vehicles, farm sleighs, etc.")	"	828	99, 144
Slicers, meat and bread	—	—	1
Slippers: (see also "Footwear, felt")			
Babies'	pr.	49, 288	50, 475
Boys'	"	93, 776	152, 669
Children's, including little gents	"	246, 404	316, 357
Men's	"	764, 294	1, 842, 489
Misses'	"	222, 733	313, 280
Women's and growing girls'	"	1, 155, 426	2, 284, 453
Youths'	"	33, 964	52, 063
Slippers, Indian:			
Babies'	"	17, 096	19, 907
Boys'	"	25, 183	41, 281
Children's, including little gents	"	272, 023	266, 600
Men's	"	176, 411	444, 231
Misses'	"	415, 987	450, 337
Women's and growing girls	"	1, 665, 162	2, 326, 859
Youths'	"	675	1, 418
Slippers, not specified	—	—	582, 206
Smelter and refinery products*	—	—	870, 918, 142
Smocks, women's	doz.	19, 547	616, 511
Smoke breeching	—	—	936, 913
Smoker sets and smokers' supplies, n.e.s.	—	—	719, 714
Smokestacks, steel	—	—	230, 029
Snow shoes	—	—	41, 478
Snowmobiles and parts	—	—	1
Snow removal equipment	—	—	2, 018, 821
Soap:			
Castile	lb.	956, 129	209, 089
Household and laundry (bars)	"	21, 286, 945	3, 129, 947
Household and laundry (chips and flakes)	"	21, 563, 370	3, 944, 495
Liquid, not specified	—	—	1, 335, 592
Polishing or scouring	—	—	9, 957
Powder	lb.	91, 277	73, 942, 855
Soft	"	3, 927, 571	413, 243
Textile and mill	"	4, 388, 842	551, 814
Toilet (bars and liquid)	"	38, 812, 452	11, 285, 474
Shaving, including shaving creams	"	1, 730, 504	2, 329, 034

1. Indicates the commodity was reported by only one or two concerns.

# THE MANUFACTURING INDUSTRIES OF CANADA

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value factory :
Soap - Concluded:			
Hand soap and pastes, mechanics .....	lb.	2, 879, 722	
Hard, all other .....	"	739, 930	
Soap, not specified .....	"	-	
Soap stock .....	"	-	
Sodium azide .....	"	-	
Sodium benzoate .....	"	-	
Sodium carbonate .....	"	-	
Sodium carboxymethyl cellulose (see "Carboxel") .....	"	-	
Sodium chlorate .....	"	-	
Sodium cyanide .....	"	-	
Sodium hydroxide .....	lb.	296, 459, 277	
Sodium hypochlorite .....	"	-	
Sodium metabisulphite .....	"	-	
Sodium metasilicate .....	"	-	
Sodium phosphate, monosodium, disodium, trisodium and tetrasodium .....	"	-	
Sodium pyrophosphate .....	"	-	
Sodium silicate .....	"	-	
Sodium sulphate and sulphite .....	"	-	
Sodium thiosulphite .....	"	-	
Sodium tripolyphosphate .....	"	-	
Solder .....	lb.	11, 242, 213	
Soling, rubber:*			
Rubber and composition soles .....	pr.	6, 234, 011	
Rubber and composition half-soles .....	"	1, 058, 202	
Soling and slabs for heels, rubber .....	lb.	11, 656, 776	
Soles, tap and other, leather .....	pr.	3, 505, 999	
Soles, felt and other (insoles) .....	"	-	
Soup, canned (excluding infants' soups)* .....	lb.	192, 816, 753	
Soup, dehydrated .....	"	619, 402	
Soup mixtures .....	"	6, 557, 420	
Soup filler or cracker meal .....	"	-	
Soya bean products, n.e.s. ....	"	-	
Spades and shovels .....	No.	884, 844	
Spark plugs .....	"	24, 577, 329	
Speed reducer units .....	"	-	
Spice compound .....	lb.	228, 249	
Spices, mixed, whole or ground .....	"	4, 078, 863	
Spikes, railway .....	"	-	
Spikes, other .....	"	-	
Spinning, custom .....	"	-	
Spinning, metal, etc. ....	"	-	
Spinning wheels .....	"	-	
Spirits, produced during the year but placed in bond for maturing:			
Whiskey .....	pf. gal.	9, 717, 425	
Neutral spirits, grain .....	"	7, 801, 588	
Neutral spirits, molasses .....	"	405, 994	
Spirits, beverage, sold outside the Distilling Industry:			
Whiskey, Highland type .....	"	198, 869	
Whiskey, Rye type .....	"	10, 523, 906	
Whiskey, other types .....	"	20, 832	
Gin .....	"	994, 790	
Brandy .....	"	33, 933	
Rum .....	"	381, 805	
Other beverage spirits .....	"	291, 031	
Sponges, cellulose .....	"	-	
Spools, bobbins and shuttles .....	"	-	
Sport gloves and mitts .....	"	-	
Sporting goods, not specified .....	"	-	
Spraying and dusting machines and equipment, including hand sprayers .....	"	-	
Springs, automobile, chassis .....	"	-	
Springs, bed:			
Box .....	No.	116, 856	
Coil .....	"	18, 989	
Cable .....	"	117, 789	
Link .....	"	68, 565	
Slat .....	"	246, 570	
Bed, n.e.s. ....	"	-	
Springs (upholstering) and constructions for automobiles and trucks .....	"	-	
Springs, upholstering, other .....	"	-	
Springs, for cars and locomotives* .....	"	-	
Springs, n.e.s. ....	"	-	
Squares, hardwood* .....	"	-	
Stabilizers, ice cream, etc. ....	lb.	170, 687	
Stains .....	Imp. gal.	348, 673	
Stampings, metal, n.e.s. ....	"	-	
Stamps, rubber .....	"	-	
Stamps, postage, revenue, etc. ....	"	-	
Stamps, not specified .....	"	-	
Staples, wire .....	kegs	29, 095	
Starch, corn, edible .....	"	-	
Starch, corn, laundry .....	"	-	
Starch and flour, potato .....	"	-	
Starch, wheat .....	"	-	
Starch, blended .....	"	-	
Starch, n.e.s. ....	"	-	
Stationery goods, not specified .....	"	-	
Statues, art goods and church supplies .....	"	-	
Staves, barrel* .....	M.	43, 249	
Steam traps, etc. ....	"	-	

1. Indicates the commodity was reported by only one or two concerns.



## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Stearine.....	lb.	1,428,657	148,269
Steel erected (structural work):*			
Bridges.....	ton	12,956	4,676,594
Buildings.....	"	209,520	70,001,923
Transmission towers.....	—	—	8,206,760
Other.....	ton	49,346	12,734,385
Steel shapes, structural (angles, channels, tees, etc.):			
Quantity made.....	"	281,152	
Quantity shipped.....	"	271,747	29,640,953
Steel and alloy steel ingots:			
Quantity made.....	"	4,009,548	
Quantity shipped.....	"	32,172	2,541,148
Steel, miscellaneous.....	—	—	26,385,584
Steel wool.....	—	—	1
Stellite.....	—	—	1
Steepwater.....	—	—	1
Stencils.....	—	—	334,377
Stockinette (see "Knitted fabrics")	—	—	
Stocking dryers.....	—	—	33,085
Stokers, mechanical.....	—	—	1,358,400
Stoker parts.....	—	—	779,008
Stone, artificial.....	—	—	2,529,703
Store fixtures, n.e.s.....	—	—	1
Stoves, heating and cooking:			
Coal, wood or sawdust.....	No.	98,388	5,360,864
Solid fuel or oil with electric or gas combination.....	"	22,173	3,455,425
Electric stoves or ranges, all styles.....	—	—	28,126,689
Electric rangettes.....	No.	51,828	1,873,194
Gasoline, fuel oil, or kerosene stoves or ranges, (cooking).....	"	48,396	1,442,317
Gasoline, fuel oil, or kerosene stoves or space-heaters (heating).....	"	55,160	2,843,579
Gas stoves and ranges (cooking).....	"	31,300	3,693,445
Gas stoves (heating).....	"	8,853	275,938
Gas cooking plates, no oven.....	"	1,592	18,229
Other stoves and parts including cafeteria, restaurant, etc.....	—	—	2,307,093
Stove pipes and elbows.....	—	—	1,446,446
Straps, leather.....	doz.	57,934	154,105
Straws, drinking.....	M.	789,483	449,756
Streptomycin (included in "Antibiotics")	—	—	
Streptomycin preparations.....	—	—	127,865
Styrene.....	—	—	1
Sugar butter.....	lb.	4,494,917	828,029
Sugar, granulated:			
Beet.....	"	273,238,450	24,363,969
Cane.....	"	914,562,024	72,448,355
Sugar, brown or yellow.....	"	123,609,259	9,529,497
Sugar, icing (starch added).....	"	66,598,855	6,024,617
Sugar, invert.....	—	—	1
Sugar, loaf.....	lb.	11,840,435	1,257,230
Sugar of milk.....	—	—	1
Sugar, pulverized (no starch added).....	lb.	3,512,825	300,246
Suits: (see also "Clothing, suits, sport")			
Boys':			
Rayon.....	No.	43,277	450,845
Rayon and wool, chiefly rayon.....	"	23,782	212,041
Rayon and wool, chiefly wool.....	"	37,513	353,231
Wool.....	"	53,761	735,182
Children's:			
Cotton.....	"	128,028	225,583
Silk and rayon.....	"	55,875	228,060
Wool.....	"	18,537	128,101
Playsuits and wash suits, n.s.....	doz.	108,510	1,359,620
Not specified.....	No.	3,993	8,848
Men's and youths':			
Rayon.....	"	94,656	1,809,499
Rayon and wool, chiefly rayon.....	"	147,575	3,317,734
Rayon and wool, chiefly wool.....	"	167,646	4,952,532
Wool.....	"	1,417,235	53,917,459
Not specified.....	"	8,825	34,396
Women's and misses':			
Cotton.....	"	8,349	82,567
Linen.....	"	28,704	258,493
Silk and rayon.....	"	213,525	2,944,299
Wool.....	"	457,623	11,861,131
Not specified.....	"	20,496	937,586
Suits and dresses, women's and children's, knitted see ("Dresses, wool, knitted")			
Suits, slack:			
Boys':			
Cotton and other.....	No.	9,964	53,758
Men's and youths':			
Cotton.....	"	4,766	72,926
Other.....	"	2,500	25,000
Suits, uniform:			
Men's and youths':			
Military.....	"	160,210	3,825,814
Non-military.....	"	91,915	3,247,047
Sulphonamide (sulpha) preparations.....	—	—	1,235,853
Sulphur.....	—	—	1
Sulphur dioxide, liquid.....	—	—	1
Superheaters.....	—	—	1
Superphosphate milled, screened and bagged.....	ton	14,479	521,064

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Superphosphate, other (included in "Fertilizers, other than mixed")			
Surfacers, wood-working.....	No.	99	35,084
Surgical and orthopaedic appliances and surgical dressings:			
Surgical bandages and dressings .....	—	—	1
Surgical belts.....	No.	110,985	951,695
Surgical stockings, elastic .....	—	—	518,152
Orthopaedic corsets .....	pr.	14,060	79,638
Artificial limbs .....	No.	1,005	248,561
Foot easers, arch supports, knee caps, etc. ....	—	—	192,511
Trusses.....	No.	71,082	210,036
Other surgical supports .....	—	—	640,080
Surgical instruments and orthopaedic appliances, not specified .....	—	—	458,432
Suspenders, supporters and garters .....	doz.	295,769	1,363,954
Swathers.....	No.	11,671	6,675,766
Sweaters, jackets, etc.....	doz.	1,011,743	25,748,971
Sweeping compounds.....	—	—	634,919
Switch gear and protective equipment (except telephone switch-boards).....	—	—	40,907,862
Synthetic and plastic products, n.e.s. ....	—	—	40,440,094
Syringes, fountain and attachments* .....	doz.	27,354	151,174
Syrup, beverage .....	gal.	504,535	1,044,018
Syrup, corn .....	—	—	1
Syrup, fountain, fruit, etc. ....	—	—	3,010,827
Syrup, table .....	—	—	677,630
Syrups from cane, not including molasses.....	—	—	1
Syrups for soft drinks (for sale) .....	gal.	3,398,381	6,707,276
Syrup making equipment (maple).....	—	—	1,320,488
Table cloths and napkins (fabric).....	—	—	830,231
Table cloths, plastic .....	doz.	49,283	437,439
Tableware, plastic .....	—	—	1,622,034
Tableware, pottery .....	—	—	3,013,343
Tacks, cut, wire .....	—	—	917,309
Tags and labels, shipping.....	—	—	18,840,609
Tags and tickets, price .....	—	—	3,024,126
Tailors' supplies, n.e.s. ....	—	—	4,095,609
Tallow.....	—	—	6,471,452
Tankage, animal .....	ton	42,045,613	1,934,626
Tanks, steel, storage, black, galvanized, etc. ....	—	—	21,451,124
Tanks, pressure, n.e.s. ....	—	—	5,869,646
Tanks, steel, pneumatic.....	—	—	725,208
Tanks, steel, septic.....	—	—	546,083
Tanks, other, not specified .....	—	—	3,897,851
Tanners' bate.....	—	—	1
Tape, adhesive .....	—	—	1,556,397
Tape, rubber and friction* .....	lb.	2,340,590	1,634,571
Tape, paper, gummed .....	—	—	4,589,847
Tape, pressure, sensitive* .....	—	—	1
Tape, telegraph.....	—	—	1
Tapes, fabric.....	—	—	2,790,602
Tapes, measuring, steel, etc. ....	—	—	1
Tapestries and other upholstering fabrics.....	—	—	7,593,957
Tapioca.....	—	—	1
Tar, coal, crude*.....	Imp. gal.	45,893,876	5,596,529
Tar, refined* .....	—	4,742,967	842,477
Targets, clay.....	—	—	1
Tea, blended, etc.....	lb.	44,053,607	41,067,683
Telephone material.....	—	—	43,974,589
Television receiving sets and equipment .....	—	—	82,851,518
Tenoners, wood-working.....	No.	20	23,755
Tents.....	"	33,867	1,160,889
Textile and leather specialties, n.e.s. ....	No.	621,100	2,903,760
Thermometers, all kinds.....	—	—	552,776
Thickeners, mining and metallurgical .....	—	—	1
Thinners, pyroxylin.....	Imp. gal.	2,292,978	3,471,035
Thiourea .....	—	—	1
Thread, cotton .....	—	—	10,434,015
Thread, rayon, silk, etc. ....	—	—	1,290,950
Threading machines .....	—	—	1
Threshers, and combine reaper-threshers and attachments.....	No.	32,679	63,768,611
Ties, wooden* .....	"	7,646,227	14,552,626
Tile, asphalt .....	—	—	1,963,090
Tile, drain (from domestic clay).....	No.	36,998,000	2,194,449
Tile, floor (from domestic clay).....	sq. ft.	182,466	75,982
Tile, floor and wall (from imported clay).....	—	—	1
Tile, gypsum .....	—	—	1
Tile, hollow blocks including fireproofing and load-bearing tile.....	ton	209,879	3,582,625
Tile, haydite and other haydite products.....	—	—	1
Tile, plastic.....	—	—	2,294,797
Tile, other, not specified.....	—	—	693,311
Tiling and flooring, rubber*.....	lb.	10,299,105	2,642,896
Time switches .....	—	—	1
Tin alloys.....	—	—	1
Tin.....	lb.	250,949	207,036
Tinned plate and scrap.....	—	—	304,970
Tinware, japanned or not.....	—	—	800,910
Tire braids, auto.....	—	—	1
Tire fabrics* .....	lb.	29,235,247	23,059,763
Tires and tubes*:			
Balloon, casings .....	No.	5,615,040	131,731,596
High pressure casings .....	—	—	1
Balloon and high pressure inner tubes.....	No.	4,341,361	11,733,246

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Tires and tubes - Concluded:			
Aeroplane tires .....	No.	19,893	823,469
Aeroplane tubes .....	"	10,756	52,437
Bicycle tires .....	"	524,403	627,373
Bicycle tubes .....	"	454,483	281,453
Implement and tractor tires .....	"	448,110	9,678,456
Implement and tractor tubes .....	"	407,855	1,237,786
Industrial tires .....	"	25,352	259,883
Motorcycle tires .....	"	4,287	51,143
Motorcycle tubes .....	"	—	1
Other rubber tires, n.e.s. ....	"	—	315,762
Tires, railway car .....	"	—	1
Tissues, cleansing, paper .....	"	—	1
Toasters, electric .....	No.	306,044	2,522,067
Tobacco:			
Chewing, cut and twist .....	lb.	166,922	351,926
Chewing, plug .....	"	1,281,183	2,900,875
Smoking, leaf .....	"	53,360	42,162
Smoking, cut .....	"	26,307,476	64,995,098
Smoking, plug .....	"	297,924	679,020
Snuff .....	"	834,251	2,161,738
Stems and cuttings .....	"	—	18,495
Tobacco, raw leaf, processed*	lb.	120,793,167	66,757,162
Tobacco curing equipment .....	"	—	166,300
Tobacco pouches .....	"	—	46,094
Toboggans .....	"	—	367,642
Toilet preparations, n.e.s.:			
Bath salts and bath oils .....	"	—	488,605
Brilliantine, solid .....	"	—	65,543
Compacts (powder and rouge) .....	"	—	140,881
Creams, solid or liquid, all kinds .....	"	—	3,271,621
Home permanent wave kits .....	"	—	3,548,569
Rouge and lipsticks .....	"	—	1,884,495
Shampoos and hair rinses .....	"	—	3,724,399
Bay rum, hair tonics, brilliantine, liquid .....	"	—	3,557,393
Toilet water and lotions .....	"	—	4,792,535
All other .....	"	—	5,714,602
Toiletware, silver and brass .....	"	—	353,422
Toiletware and dresserware .....	"	—	520,852
Toluene*	"	—	782,981
Tomato catsup, canned*	lb.	1,740,711	223,121
Tomato catsup, other*	"	23,652,484	5,642,124
Tomato juice*	"	105,678,492	8,748,155
Tomato paste and puree*	"	2,940,247	459,401
Tomato pulp*	"	3,131,129	238,683
Tools, carpenters' and mechanics' other than portable pneumatic and electric tools .....	"	—	4,181,551
Tools, machine, n.e.s. ....	"	—	6,528,343
Tools, small, cutting .....	"	—	7,063,976
Tools, n.e.s. ....	"	—	8,210,097
Toothpicks .....	"	—	1
Toppings for ice cream and cake .....	"	—	1,030,285
Towelling (included in "Cotton fabrics") .....	"	—	—
Towels, all kinds .....	"	—	5,486,998
Towels, paper .....	case	751,184	3,512,462
Toys:			
Metal .....	"	—	2,347,334
Plastic .....	"	—	4,346,095
Rubber*	doz.	117,021	569,836
Wooden .....	"	—	854,689
Miscellaneous, including model aeroplanes .....	"	—	2,735,038
Tractors .....	"	—	1
Trade work, n.e.s. (printing plant) .....	"	—	2,822,744
Trailers:			
Cabin or house type .....	"	—	2,091,014
Commercial (except logging) .....	"	—	14,613,086
Logging .....	"	—	470,633
Not specified .....	"	—	760,469
Transfers, paper, decalcomania .....	"	—	1,918,819
Transfers, paper, dry .....	"	—	161,754
Transformers .....	"	—	59,133,346
Transformer parts .....	"	—	1
Transmission towers, electric (see "Steel erected, structural work") .....	"	—	—
Traps and fittings, lead .....	lb.	1,660,715	607,018
Traps, mouse and rat, etc. ....	"	—	119,929
Trays, food .....	"	—	419,607
Trichlorethylene, refined .....	"	—	1
Trimings, not specified .....	"	—	908,059
Trophies .....	"	—	434,235
Trucks, factory and other hand trucks .....	"	—	1,743,662
Trucks, other n.e.s. ....	"	—	164,923
Trunks, all kinds .....	No.	133,410	1,243,668
Tubes, collapsible .....	"	—	1
Tubes, television .....	No.	279,319	4,929,984
Tubes, n.e.s. ....	"	—	643,974
Tubing, brass, bronze and aluminum .....	lb.	12,950,893	6,842,044
Tubing, rubber*	"	420,681	255,789
Tubing, steel .....	"	—	1
Tubing and wristing, knitted .....	lb.	523,250	738,995
Tubes, laundry, cement .....	No.	32,149	482,699
Turbines and water wheels .....	"	—	12,137,734

1. Indicates the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Turpentine .....	—	—	1
Twine and cordage:			
Baler twine, all sisal .....	lb.	22,823,373	3,864,113
Binder twine, all sisal and chiefly sisal .....	"	33,839,461	5,605,069
Binder twine, other .....	"	56,730	14,994
Other twine, all sisal .....	"	4,970,058	1,593,304
Other twine, all hemp and all flax .....	"	224,553	179,522
Other twine, all jute .....	"	1,355,064	514,953
Other twine and cordage, not specified .....	—	—	3,946,615
Type and type metal .....	—	—	1,729,250
Typesetting (trade composition) .....	—	—	5,714,290
Typewriters .....	No.	94,960	7,096,824
Typewriter and other ribbons .....	—	—	1,893,706
Typewriter parts n.s.* .....	—	—	25,744
Umbrellas .....	doz.	40,671	1,193,940
Undertakers' supplies, n.e.s. (see "Morticians' goods")			
Underwear, knitted, or of knitted fabrics:			
Men's and youths':			
Combinations:			
Cotton or chiefly cotton .....	"	228,698	5,559,238
Rayon or chiefly rayon .....	"	2,052	37,997
Wool or chiefly wool .....	"	32,205	1,686,822
Shirts:			
Cotton or chiefly cotton .....	"	457,373	3,474,630
Rayon or chiefly rayon .....	"	3,990	31,804
Wool or chiefly wool .....	"	16,361	482,888
Drawers:			
Cotton or chiefly cotton .....	"	167,437	2,029,186
Wool or chiefly wool .....	"	10,478	340,369
Shorts:			
Cotton or chiefly cotton .....	"	505,550	3,454,705
Other .....	"	18,633	210,228
Not specified .....	"	3,142	44,844
Boys':			
Combinations:			
Cotton or chiefly cotton .....	"	86,244	1,312,861
Wool or chiefly wool .....	"	1,059	31,796
Shirts:			
Cotton or chiefly cotton .....	"	76,485	399,421
Drawers:			
Cotton or chiefly cotton .....	"	40,026	295,021
Shorts:			
Cotton or chiefly cotton .....	"	99,797	451,608
Not specified .....	"	576	6,686
Women's and Misses':			
Combinations:			
Cotton or chiefly cotton .....	"	28,136	211,568
Rayon or chiefly rayon .....	"	94	1,244
Wool or chiefly wool .....	"	390	14,488
Drawers:			
All kinds .....	"	55,180	215,568
Bloomers, panties, etc:			
Cotton or chiefly cotton .....	"	221,703	1,355,396
Nylon .....	"	154,334	1,161,982
Rayon or chiefly rayon .....	"	865,520	4,498,676
Wool or chiefly wool .....	"	9,290	169,187
Vests:			
Cotton or chiefly cotton .....	"	119,969	847,960
Rayon or chiefly rayon .....	"	24,430	176,700
Wool or chiefly wool .....	"	8,980	176,156
Other, n.e.s. ....	"	2,306	12,341
Girls':			
Combinations:			
Cotton or chiefly cotton .....	"	1,831	19,141
Bloomers, panties, etc.:			
Cotton or chiefly cotton .....	"	114,167	497,821
Rayon or chiefly rayon .....	"	16,829	59,455
Other n.s. ....	"	4,369	19,394
Drawers:			
Not specified .....	"	2,143	13,348
Vests:			
Cotton or chiefly cotton .....	"	88,224	415,022
Not specified .....	"	1,230	9,600
Children's and infants':			
Combinations:			
Cotton or chiefly cotton .....	"	13,595	78,734
Not specified .....	"	587	10,354
Drawers, bloomers and panties:			
Cotton or chiefly cotton .....	"	429,815	1,234,352
Nylon and chiefly nylon .....	"	7,808	33,963
Rayon or chiefly rayon .....	"	200,615	560,456
Wool or chiefly wool .....	"	300	3,475
Vests:			
Cotton or chiefly cotton .....	"	230,194	1,177,070
Rayon or chiefly rayon .....	"	1,488	21,162
Wool or chiefly wool .....	"	4,905	57,735
Not specified .....	"	3,954	31,844

1. Indicates that the commodity was reported by only one or two concerns.



## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Underwear, woven fabrics:			
Men's and youths':			
Shorts:			
Rayon .....	doz.	2,576	27,995
Cotton .....	"	116,001	1,029,964
Nylon .....	"	1,384	16,834
Not specified .....	"	7,813	53,166
Women's and misses':			
Bloomers, panties, etc.:			
Cotton or chiefly cotton .....	"	6,786	28,085
Rayon or chiefly rayon .....	"	96,339	409,850
Nylon or chiefly nylon .....	"	35,875	256,547
Children's:			
Bloomers, panties, etc.:			
Cotton or chiefly cotton .....	"	146	1,686
Rayon or chiefly rayon .....	"	11,156	35,637
Other .....	"	260	3,249
Underwear, not specified:			
Men's and boys' .....	"	13,262	132,004
Women's and misses' .....	"	14,169	150,525
Children's .....	"	179	958
Not specified .....	"	52,041	527,953
Underslips:			
Rayon .....	"	304,682	5,211,794
Rayon mixtures .....	"	117,113	2,208,522
Cotton .....	"	143,327	2,077,363
Nylon .....	"	164,298	3,974,718
Not specified .....	"	105,551	2,487,532
Uniforms, cotton (nurses, maids, etc.) .....	"	57,119	2,094,452
Uniforms, military (see "Jackets," "Pants" and "Suits") .....			
Uniforms, other (see also "Pants, uniform" and "Suits, uniform") .....	"	6,651	284,085
Upholstering materials, (see "Tapestries") .....			
Valves, brass and bronze .....	—	—	6,915,720
Valves, iron .....	—	—	5,636,209
Valves, steel .....	—	—	2,871,331
Valves, tire .....	—	—	1,892,241
Valves, not specified .....	—	—	1,494,476
Varnishes .....	—	—	9,878,783
Vaults, burial, cement and other .....	No.	6,717	367,361
Vegetable salad .....	—	—	1
Vegetables, canned:*			
Asparagus .....	lb.	3,895,794	1,345,804
Beans, baked .....	"	84,352,210	9,400,554
Beans, green or wax .....	"	53,291,761	5,821,429
Beans, lima .....	"	1,066,162	131,550
Beets .....	"	10,481,486	989,207
Carrots .....	"	6,121,984	483,208
Carrots and peas .....	"	6,211,507	826,714
Corn, cream of, whole grain, etc. ....	"	59,983,314	7,571,631
Mushrooms .....	"	1,483,894	914,687
Peas .....	"	98,225,045	13,505,117
Pumpkin and squash .....	"	6,983,982	537,440
Spinach .....	"	1,850,453	219,017
Tomatoes .....	"	87,288,398	6,918,796
Vegetables, mixed .....	"	9,849,875	1,039,284
Vegetables, other .....	"	5,768,292	732,188
Vegetables, evaporated and dehydrated* .....	"	106,370	62,992
Vegetables in brine* .....	"	510,030	56,550
Vegetables, frozen or cold pack .....	"	20,720,253	3,538,837
Vegetables in SO <sub>2</sub> .....	—	—	1
Vegetable juices, canned .....	—	—	1
Vegetable peelers and slicers .....	—	—	1
Vehicles, children's .....	—	—	2,270,529
Vehicles, farm sleighs, wagons and trucks (see also "Sleighs") .....	—	—	452,893
Veils and veiling .....	—	—	1
Veneer* .....	—	—	18,644,669
Veneer logs* .....	M ft. b.m.	6,254	696,643
Veneer and plywood products n.e.s. ....	—	—	849,188
Ventilators .....	—	—	1,578,377
Vermiculate .....	—	—	1,522,092
Vestments .....	—	—	427,029
Vest, woollen (outerwear) .....	No.	10,016	67,222
Vests, other (outerwear) .....	—	—	248,357
Vinegar made for own use .....	Imp. gal.	770,539	—
Vinegar made for sale:*			
Spirit .....	"	8,884,450	2,765,541
Cider .....	"	706,105	288,462
Malt .....	"	338,495	163,911
Vinyl acetate .....	—	—	1
Vitamin preparations .....	—	—	13,714,888
Waffle irons .....	No.	37,487	395,636
Wagons (see "Vehicles, farm sleighs, wagon and trucks") .....			
Wall board, asbestos cement .....	—	—	1,239,769
Wall board, gypsum .....	sq. ft.	251,784,173	8,703,184
Wall board, paper (see "Paper board") .....	—	—	4,031,755
Wall plaster, gypsum .....	—	—	683,427
Wall plaster, other .....	—	—	287,790
Wardrobes, wall board .....	—	—	47,792
Wash boards .....	No.	87,696	362,699
Washers, leather .....	doz.	6,056,696	—

1. Indicates the commodity reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Washers and gaskets, iron, steel, etc.	—	—	3,943,471
Washing compounds	—	—	637,187
Waste, cotton and wool	—	—	5,258,498
Waste, wood	—	—	481,775
Waste, other, not specified	ton	90,065	2,571,519
Watches, assembled	—	—	8,347,832
Watch bracelets, cases, etc.	No.	809,529	1,036,565
Water, aerated	—	—	94,076,502
Water, distilled	gal.	110,174,824	25,920
Water, mineral, natural	—	161,069	123,430
Waterproofing of fabrics*	—	—	419,919
Waterproofing preparations	—	—	301,251
Wax and wax compounds all kinds	—	—	3,609,695
Wax, sealing	—	—	1
Waxers and wax appliers	—	—	52,895
Weatherstrip	—	—	1,328,814
Weaving, custom	—	—	4,385,922
Webbing, elastic	—	—	2,738,108
Webbing, other	—	—	1,929,641
Weeders	No.	2,206	474,441
Weed killer	—	—	2,692,301
Welding apparatus, arc	—	—	1,589,737
Welding apparatus, gas and other	—	—	584,898
Welding compounds and fluxes	—	—	24,401
Welding apparatus with control equipment and accessories	—	—	2,170,405
Welding electrodes	ton	13,014	3,887,917
Welding	yds.	8,776,455	824,457
Wheelbarrows and parts	—	—	611,965
Wheels, automobile	—	—	1
Wheels, railway car*	ton	125,370	7,779,926
Wheels, not specified*	—	—	205,021
Whey	—	—	1
Whips	No.	4,417	3,518
Whiskies (see "Spirits")	—	—	—
Whisks	doz.	46,676	179,525
Windows, complete, aluminum and other	—	—	12,501,040
Wine cocktails	—	—	1
Wine sold during the year	gal.	4,355,934	10,952,615
Wine produced and placed in storage for maturing*	—	4,135,190	2,667,890
Wine spirit	—	—	1
Wiping cloths and rags, washed and sterilized	lb.	15,574,287	3,971,074
Wiping cloths and rags, other	—	—	373,471
Wire, brass and copper	—	—	1
Wire, gold filled and alloys	—	—	1
Wire, steel:	—	—	—
Barbed:	—	—	—
Quantity made	ton	7,410	—
Quantity shipped	—	7,278	1,209,228
Cold rolled flat, all sizes:	—	—	—
Quantity made	—	2,697	—
Quantity shipped	—	1,541	462,592
Galvanized:	—	—	—
Quantity made	—	55,518	—
Quantity shipped	—	25,746	5,357,696
Plain:	—	—	—
Quantity made	—	247,374	—
Quantity shipped	—	89,161	15,835,082
Strand, twisted:	—	—	—
Quantity shipped	—	7,870	2,693,564
Other, coated:	—	—	—
Quantity made	—	2,101	—
Quantity shipped	—	1,637	424,027
Wire and cable, electrical	—	—	123,298,751
Wire rope and cable, n.s.	—	—	10,911,582
Wire cloth, all metals, including screen cloth	—	—	9,396,772
Wire mesh, steel, woven or welded	—	—	2,335,329
Wire netting	—	—	1
Wire goods, not specified	—	—	6,758,262
Wiring devices, not elsewhere specified	—	—	14,794,119
Wooden products, n.e.s.	—	—	4,917,959
Wood flour	—	—	1
Woodenware, kitchen	—	—	72,768
Woodenware, not specified	—	—	1,162,310
Wood preservation	—	—	1
Wood preservatives	—	—	617,285
Wood turning, n.s.	—	—	878,045
Woodwork, sanitary	—	—	468,678
Wool pulled	lb.	2,147,003	1,541,251
Wool tops	—	—	1
Wool noils	—	—	1
Wool or part wool, reworked or reprocessed	lb.	11,419,843	3,084,597
Woollen cloth, woven:	—	—	—
Suitsings, dress goods, overcoatings, etc.:	—	—	—
All wool, woollen	sq. yd.	14,931,172	22,560,776
All wool, worsted	—	7,740,474	18,140,117
Woollen and worsted, mixed	—	233,414	578,396
Cotton warp, woollen	—	454,837	400,136
Other woollen and mixtures	—	5,937,335	6,900,141
Other woven fabrics, wool or containing wool	—	337,573	606,600
Woven goods (not fabric)	—	—	193,317

1. Indicates that the commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 - Continued

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Wrappers, waxed (see "Paper, waxed")	—	—	885,131
Wrappers, paper, other than waxed (see also "Boxes, paper, corrugated")	—	—	4,666,158
Wrappers, printed	—	—	1,714,091
Wringers, clothes	No.	146,590	1
Xylol	—	—	1
Yarns, spun for sale:			
Cotton:			
Grey, knitting	lb.	15,504,871	11,716,099
Grey, other, singles	"	8,277,825	5,890,071
Grey, other, plied	"	13,886,314	9,869,804
Bleached, knitting	"	556,951	544,863
Bleached, other	"	182,664	180,023
Coloured, knitting	"	2,485,938	2,221,749
Coloured, other	"	1,644,768	1,540,665
Other, including mercerized	"	3,068,928	2,879,749
Cotton and wool mixed:			
Grey	"	311,302	363,119
Bleached and coloured	"	53,789	75,083
Rayon, thrown	"	3,776,708	3,399,883
Nylon, thrown and other	"	1,402,033	5,220,921
Rubber covered	—	—	1
Synthetic mixtures	lb.	1,611,302	2,177,617
Synthetic singles	"	34,455,640	38,206,596
Spun rayon and spun rayon mixtures	"	5,198,435	4,196,158
Woolen:			
Hand knitting	"	523,270	887,385
Machine knitting	"	4,786,636	6,346,309
Weaving	"	1,197,810	2,348,267
Carpet	"	1,237,241	1,537,003
Not specified	"	124,810	381,439
Worsted, oil spun:			
Hand knitting	"	1,662,334	5,251,241
Machine knitting	"	4,604,419	11,535,020
Weaving	"	1,002,594	1,743,153
Carpet	"	8,311	17,890
Worsted, dry spun:			
Weaving	"	587,323	1,467,690
Knitting	"	1,094,183	3,011,645
Not specified	"	960,140	1,623,277
Yarns, not specified	—	—	3,897,856
Yeast, dry, bakers'	lb.	1,163,604	1,975,932
Yeast, dry, brewers'	"	2,275,326	216,823
Yeast, fresh (for sale)	"	25,138,975	4,126,107
Yeast, made for own use in breweries	"	3,590,406	—
Yeast food, bread improver, etc.	"	7,193,877	933,327
Yoghourt	gal.	53,819	176,765
Zinc, refined, zinc alloys, etc.	lb.	5,991,131	903,297
Zinc chloride	—	—	1
Zinc naphthanate	—	—	1
Zinc oxide and zinc dust	—	—	1
Manufactured food products, packaged only	lb.	15,515,414	3,037,939
Amount received by clothing contractors	—	—	16,277,337
Inter-company transfers	—	—	1,406,734
All other products, not specified:			
Foods and beverages	—	—	11,364,704
Tobacco and tobacco products	—	—	—
Rubber products	—	—	1,021,299
Leather products	—	—	3,823,896
Textiles	—	—	2,399,818
Knitting mills	—	—	37,068
Clothing	—	—	2,825,044
Wood products	—	—	3,738,187
Paper products	—	—	2,934,864
Printing, publishing and allied industries	—	—	7,911,212
Iron and steel products	—	—	143,627,169
Transportation equipment	—	—	98,465,879
Non-ferrous metal products	—	—	19,629,365
Electrical apparatus and supplies	—	—	15,162,099
Non-metallic mineral products	—	—	6,574,187
Products of petroleum and coal	—	—	2,883,478
Chemicals and allied products	—	—	20,232,964
Miscellaneous manufacturing industries	—	—	2,892,570
Custom work and repairs:			
Foods and beverages	—	—	5,088,945
Tobacco and tobacco products	—	—	—
Rubber products	—	—	—
Leather products	—	—	548,559
Textiles	—	—	3,641,123
Knitting mills	—	—	36,567
Clothing	—	—	1,501,242
Wood products	—	—	14,326,921
Paper products	—	—	89,078
Printing, publishing and allied industries	—	—	—
Iron and steel products	—	—	73,370,699
Transportation equipment	—	—	135,432,854
Non-ferrous metal products	—	—	2,069,366
Electrical apparatus and supplies	—	—	9,406,135
Non-metallic mineral products	—	—	367,944
Products of petroleum and coal	—	—	—
Chemicals and allied products	—	—	—

1. Indicates commodity was reported by only one or two concerns.

## Alphabetical List of Commodities, 1953 — Concluded

Items	Unit of measure	Quantity	Value of factory shipment
			\$
Custom work and repairs — Concluded:			
Miscellaneous manufacturing industries .....	—	—	17, 552, 671
Products which were reported by only one or two firms and for which figures cannot be shown separately (see commodities indicated by footnote 1) .....	—	—	663, 345, 499
<b>Total Value of Products Listed</b> .....	—	—	<b>18, 236, 346, 544</b>
Adjustments due to valuation of intermediate products, excise taxes, etc. ....	—	—	450, 929, 690
<b>Total</b> .....	—	—	<b>17, 785, 416, 854</b>

1. Indicates commodity was reported by only one or two concerns.

Note. In 1952 and subsequent years the basis of collection is "Value of Factory Shipments" instead of "Gross Value of Products". However, the commodities marked \* are still on a production basis.



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