

31-201

C.3

8

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

---

# The Manufacturing Industries of Canada, 1943

---

SUMMARY REPORT

---

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



OTTAWA  
EDMOND CLOUTIER  
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY  
1946

Price 50 cents



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

---

# The Manufacturing Industries of Canada, 1943

---

SUMMARY REPORT

---

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



OTTAWA  
EDMOND CLOUTIER  
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY  
1946



# TABLE OF CONTENTS

|   | Pages |
|---|-------|
| <b>Part 1.—General Analysis of Manufacturing in the Dominion</b> .....  | 5     |
| Section 1. <i>Growth of Manufacturing in Canada</i> .....   | 7     |
| 1. Historical Summary of Statistics of Manufactures for the Dominion, 1917-43.....  | 7     |
| 2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-43.....  | 8     |
| 3. Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-43... 10   | 10    |
| 4. Summary of Statistics of Manufactures, Significant Years, 1917-43.....   | 13    |
| 5. Consumption of Manufactured Products, 1928-43.....   | 14    |
| Section 2. <i>Value and Volume of Manufactured Products</i> .....   | 14    |
| 6. Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, Significant Years, 1923-43.....  | 15    |
| 7. Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-43.....  | 16    |
| Section 3. <i>Production by Industrial Groups and Individual Industries</i> .....   | 16    |
| Subsection 1. <i>Manufactures Grouped by Chief Component Materials</i> .....  | 16    |
| 8. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-43.....   | 17    |
| 9. Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Canadian Manufacturing Industries, 1943.....                                      | 18    |
| Subsection 2. <i>Manufactures Classified by the Purpose of the Products</i> .....   | 24    |
| 10. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-43, and in Detail for 1943..... | 24    |
| 11. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1943.....  | 27    |
| Subsection 3. <i>Manufactures Classified by Origin of the Materials</i> .....   | 29    |
| 12. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Materials Used, by Main Groups, Significant Years, 1924-43.....                             | 29    |
| Subsection 4. <i>Leading Manufacturing Industries</i> .....   | 31    |
| 13. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1942.....  | 32    |
| 14. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1943.....  | 33    |
| Section 4. <i>Principal Factors in Manufacturing Production</i> .....   | 34    |
| Subsection 1. <i>Capital Employed</i> .....   | 34    |
| 15. Percentage Distribution of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, Significant Years, 1917-43.....  | 34    |
| 16. Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42.....  | 35    |
| Subsection 2. <i>Employment in Manufactures</i> .....   | 35    |
| 17. Salaried Employees and Wage-Earners in the Manufacturing Industries of Canada, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-43.....                         | 36    |
| 18. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-43.....   | 37    |
| 19. Wage-Earners in Manufacturing Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-43.....  | 38    |
| 20. Wage-Earners Working Specified Weekly Hours in the Month of Highest Employment, by Sex, Province and Industrial Group, 1943.....  | 39    |
| 21. Male Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1943.....  | 41    |
| 22. Female Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1943.....  | 42    |
| Subsection 3. <i>Salaries and Wages in Canadian Manufacturing Industries</i> .....  | 43    |
| 23. Salaries and Wages Paid in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1917-42.....  | 43    |
| 24. Salaries and Wages Paid in the Forty Leading Industries, 1943, with Comparative Figures of Average Salaries and Wages Paid in 1942.....   | 45    |
| 25. Average Annual, Weekly and Hourly Earnings of the Male and Female Wage-Earners, 1934-43.....  | 47    |
| 26. Average Annual, Weekly and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1943.....   | 48    |
| 27. The Forty Leading Industries Employing the Greatest Number of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1943.....  | 49    |
| 28. The Forty Leading Industries Employing the Greatest Number of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1943.....                                      | 50    |

## TABLE OF CONTENTS—Concluded

|   | PAGE |
|---|------|
| <b>Part I.—General Analysis of Manufacturing in the Dominion—concluded</b>  |      |
| 29. Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-43   | 51   |
| 30. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-43   | 52   |
| Subsection 4. Size of Manufacturing Establishments  | 52   |
| 31. Manufacturing Establishments Grouped According to Gross Values of Products, with Total and Average Values of Products in each Class, for Canada, 1929, 1939, 1942 and 1943  | 53   |
| 32. Manufacturing Establishments Classified by Number of Employees, by Provinces, 1943  | 54   |
| 33. Establishments and Employees in Canadian Manufactures, Grouped According to the Number of Employees per Establishment, 1929, 1939, 1942 and 1943  | 54   |
| 34. Percentage Importance of Establishments, Each Employing 200 or more Persons, in the Twenty-five Leading Industries, 1943  | 55   |
| 35. Principal Statistics of the Twenty-Five Leading Industries, Grouped According to Number of Employees per Establishment, 1943  | 55   |
| Subsection 5. Power and Fuel  | 59   |
| 36. Power Equipment Installed in the Manufacturing Industries of Canada, 1931-42, with Details by Provinces and Industrial Groups, 1943   | 60   |
| 37. Fuel and Electricity Used in the Manufacturing Industries of Canada, 1931-42, with Details by Provinces and Industrial Groups, 1943   | 62   |
| <b>Part II.—Provincial and Local Distribution of Manufacturing Production</b>   | 63   |
| 1. Summary Statistics of Manufactures in Each Province, Classified by Industrial Groups, 1943   | 63   |
| 2. Concentration of Manufacturing Production in Each Province, 1943   | 66   |
| 3. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1943   | 66   |
| Section 1. The Manufactures of the Maritime Provinces, 1943   | 68   |
| 4. Statistics of the Leading Industries of the Maritime Provinces, 1943   | 68   |
| Section 2. The Manufactures of Quebec, 1943   | 69   |
| 5. Statistics of the Leading Industries of the Province of Quebec, 1943   | 70   |
| Section 3. The Manufactures of Ontario, 1943  | 71   |
| 6. Statistics of the Leading Industries of the Province of Ontario, 1943  | 71   |
| Section 4. The Manufactures of the Prairie Provinces, 1943  | 72   |
| 7. Statistics of the Leading Industries of the Prairie Provinces, 1943  | 73   |
| Section 5. The Manufactures of British Columbia, 1943   | 74   |
| 8. Statistics of the Leading Industries of British Columbia, 1943   | 74   |
| Section 6. Manufacturing Industries in Cities and Towns   | 75   |
| 9. Cities and Towns with a Gross Manufacturing Production of over \$1,000,000 each, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1943 | 75   |
| 10. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-43   | 76   |
| 11. Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1943  | 77   |
| 12. Principal Statistics by Counties and Census Divisions, 1943   | 80   |
| <b>Appendix I—</b>  |      |
| Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1943  | 85   |
| <b>Appendix II—</b>   |      |
| Alphabetical List of Products Manufactured in Canada, 1943  | 96   |
| List of Publications on the Census of Manufactures  | 133  |

DEPARTMENT OF TRADE AND COMMERCE

**Dominion Bureau of Statistics—General Manufactures Branch**

OTTAWA, CANADA

---

**Dominion Statistician: HERBERT MARSHALL, B.A., F.S.S.**

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

---

## **THE MANUFACTURING INDUSTRIES OF CANADA, 1943**

### **Introduction**

This report deals with manufacturing industries in Canada in two main Parts. Part I gives general analyses of manufactures in the Dominion including: the historical development of manufacturing in Canada in so far as statistical data are available; production by industrial groups and individual industries, i.e., a detailed treatment of current production under various groupings and individual industries; general analyses of the principal factors in manufacturing production under such sub-headings as capital, employment, salaries and wages, size of establishment, power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to the first section of Part I, dealing with 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.

The far-reaching influence of the War of 1914-18 was, of course, the outstanding factor in the growth recorded prior to the war now concluded. It was during these years that Canadian manufactures began to develop on a really large scale. Munitions contracts placed by the Imperial Munitions Board of Canada in those

years totalled well over \$1,000,000,000 and these did not include such fields of production as shipbuilding and aviation. Shipbuilding construction alone during the War of 1914-18 amounted to \$35,000,000 in 1917, \$75,000,000 in 1918 and \$86,000,000 in 1919. In the same three years, employees in the shipbuilding industry numbered 12,000, 22,000 and 25,000, respectively.

Canada's effort in the Second World War brought manufacturing production to a much higher level than ever before. The output of manufactured products in 1943 amounted to \$8,732,860,999 which represented an increase of 151.3 p.c. over the pre-war year of 1939, and an increase of 124.9 p.c. compared with the pre-war maximum attained in 1929. There is little doubt that the diversified development that took place during the war years will have a permanent effect on Canadian manufacturing production in the post-war period. Undoubtedly, the effects of the thorough-going transformation in industrial production will be far-reaching and will complicate the post-war readjustment in industry.



PART I.—GENERAL ANALYSES OF MANUFACTURING  
IN THE DOMINION

Section 1.—Growth of Manufacturing in Canada

This section gives 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. Other useful comparisons are made in Table 4 and figures of consumption are given in Table 5. Tables 6 and 7 show volume comparisons.

1.—Historical Summary of Statistics of Manufactures for the Dominion, 1917-1943

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 former editions of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

| Year              | Estab-<br>lish-<br>ments | Capital       | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Net<br>Value<br>of<br>Products <sup>1</sup> | Gross<br>Value<br>of<br>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 | 594,060        | 601,715,668              | 1,779,056,765           | 1,442,400,638                               | 3,221,457,403                    |
| 1920              | 22,532                   | 2,923,067,011 | 598,893        | 717,493,876              | 2,085,271,649           | 1,021,273,348                               | 3,706,544,097                    |
| 1921              | 20,848                   | 2,697,858,073 | 438,555        | 497,399,761              | 1,385,292,885           | 1,123,694,263                               | 2,488,987,148                    |
| 1922              | 21,016                   | 2,667,493,290 | 456,250        | 489,397,230              | 1,272,651,585           | 1,103,266,106                               | 2,375,917,691                    |
| 1923              | 21,080                   | 2,788,051,630 | 505,203        | 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                               | 2,670,561,931                    |
| 1925 <sup>2</sup> | 20,981                   | 3,065,730,916 | 522,924        | 569,944,442              | 1,571,788,252           | 1,167,936,726                               | 2,811,864,956                    |
| 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           | 1,697,887,676                               | 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 | 614,896        | 697,555,378              | 1,664,787,763           | 1,522,737,125                               | 3,280,236,603                    |
| 1931              | 23,083                   | 3,705,701,893 | 528,040        | 587,566,990              | 1,221,911,982           | 1,252,017,246                               | 2,555,128,448                    |
| 1932              | 23,102                   | 3,380,475,500 | 468,833        | 473,601,716              | 954,381,097             | 955,960,724                                 | 1,980,471,543                    |
| 1933              | 23,780                   | 3,270,259,838 | 468,658        | 436,247,824              | 1,007,788,928           | 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                               | 2,303,692,729                    |
| 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              | 24,534                   | 3,465,227,831 | 669,451        | 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                               | 3,337,684,366                    |
| 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              | 2,449,921,903           | 1,942,471,238                               | 4,529,173,316                    |
| 1941              | 26,293                   | 4,905,503,066 | 961,178        | 1,264,862,643            | 3,296,547,019           | 2,905,119,788                               | 6,076,398,124                    |
| 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                    |

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

<sup>2</sup> A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

## 2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-43

| Province and Year                | Estab-<br>lish-<br>ments | Capital       | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Net<br>Value<br>of<br>Products <sup>1</sup> | Gross<br>Value<br>of<br>Products |
|----------------------------------|--------------------------|---------------|----------------|--------------------------|-------------------------|---|----------------------------------|
|                                  |                          | \$            | No.            | \$                       | \$                      | \$  | \$                               |
| <b>Prince Edward<br/>Island—</b> | <b>No.</b>               | <b>\$</b>     | <b>No.</b>     | <b>\$</b>                | <b>\$</b>               | <b>\$</b>                                   | <b>\$</b>                        |
| 1917                             | 411                      | 2,008,082     | 1,556          | 663,251                  | 3,087,021               | 1,750,135                                   | 4,837,756                        |
| 1920                             | 370                      | 2,328,686     | 1,287          | 855,210                  | 4,164,223               | 2,135,857                                   | 6,300,080                        |
| 1922                             | 340                      | 2,446,574     | 1,086          | 693,660                  | 2,020,235               | 1,660,282                                   | 4,280,517                        |
| 1929                             | 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                        |
| 1937                             | 240                      | 2,637,472     | 1,062          | 607,547                  | 2,380,001               | 1,117,298                                   | 3,566,991                        |
| 1939                             | 222                      | 2,682,900     | 1,088          | 617,945                  | 2,239,117               | 1,243,679                                   | 3,543,681                        |
| 1940                             | 219                      | 2,940,818     | 1,057          | 645,800                  | 2,518,232               | 1,270,233                                   | 3,856,544                        |
| 1941                             | 213                      | 3,106,369     | 1,105          | 689,883                  | 3,220,433               | 1,347,999                                   | 4,649,476                        |
| 1942                             | 243                      | 3,367,368     | 1,261          | 842,061                  | 4,789,315               | 1,973,540                                   | 6,855,344                        |
| 1943                             | 230                      | 3,881,832     | 1,562          | 1,208,112                | 6,432,079               | 3,021,548                                   | 9,577,446                        |
| <b>Nova Scotia—</b>              |                          |               |                |                          |                         |   |                                  |
| 1917                             | 1,337                    | 124,357,851   | 25,252         | 18,838,051               | 102,415,215             | 57,505,703                                  | 159,980,918                      |
| 1920                             | 1,345                    | 135,679,188   | 23,425         | 25,625,089               | 85,724,785              | 61,371,243                                  | 147,096,028                      |
| 1922                             | 1,092                    | 98,117,897    | 13,678         | 11,586,235               | 37,080,329              | 27,516,271                                  | 65,466,660                       |
| 1929                             | 1,094                    | 118,951,398   | 19,986         | 16,905,885               | 50,725,562              | 35,670,421                                  | 89,787,548                       |
| 1933                             | 1,277                    | 92,004,624    | 12,211         | 9,604,680                | 25,354,319              | 19,988,257                                  | 47,912,432                       |
| 1937                             | 1,135                    | 94,054,082    | 17,627         | 16,651,885               | 43,332,195              | 31,146,796                                  | 84,303,656                       |
| 1939                             | 1,083                    | 101,652,959   | 21,062         | 21,519,617               | 62,160,537              | 35,885,563                                  | 83,139,572                       |
| 1940                             | 1,156                    | 124,409,791   | 24,577         | 27,527,339               | 76,779,821              | 40,548,446                                  | 113,814,650                      |
| 1941                             | 1,177                    | 152,668,789   | 31,318         | 41,273,942               | 85,103,680              | 51,318,369                                  | 133,873,428                      |
| 1942                             | 1,332                    | 179,363,703   | 37,445         | 55,205,712               | 96,551,817              | 63,615,890                                  | 155,931,264                      |
| 1943                             | 1,278                    |               |                |                          |                         | 84,909,868                                  | 188,463,088                      |
| <b>New Brun-<br/>swick—</b>      |                          |               |                |                          |                         |   |                                  |
| 1917                             | 643                      | 60,300,967    | 19,710         | 12,893,014               | 32,380,621              | 27,027,725                                  | 59,408,346                       |
| 1920                             | 901                      | 101,216,395   | 19,007         | 19,208,821               | 60,812,041              | 45,803,164                                  | 106,615,805                      |
| 1922                             | 846                      | 77,036,627    | 13,934         | 11,801,670               | 38,032,067              | 25,163,444                                  | 63,196,411                       |
| 1929                             | 803                      | 91,376,948    | 17,952         | 15,127,716               | 39,800,366              | 26,640,756                                  | 68,145,012                       |
| 1933                             | 747                      | 90,148,317    | 11,336         | 9,308,100                | 20,442,421              | 18,166,713                                  | 41,345,622                       |
| 1937                             | 805                      | 80,797,597    | 15,612         | 14,663,310               | 36,983,284              | 28,770,727                                  | 60,479,207                       |
| 1939                             | 803                      | 91,171,323    | 14,501         | 13,659,162               | 35,617,614              | 27,041,105                                  | 66,068,151                       |
| 1940                             | 777                      | 93,108,166    | 16,850         | 17,639,789               | 46,939,040              | 38,253,475                                  | 89,281,098                       |
| 1941                             | 791                      | 97,952,799    | 19,600         | 21,718,407               | 59,234,107              | 47,290,960                                  | 111,433,726                      |
| 1942                             | 867                      | 105,056,835   | 22,182         | 26,546,806               | 64,891,227              | 53,920,484                                  | 123,839,475                      |
| 1943                             | 862                      | 111,287,910   | 23,225         | 30,451,181               | 76,711,513              | 58,956,676                                  | 140,034,879                      |
| <b>Quebec—</b>                   |                          |               |                |                          |                         |   |                                  |
| 1917                             | 7,032                    | 662,012,975   | 188,043        | 141,008,616              | 385,212,984             | 380,882,400                                 | 766,005,393                      |
| 1920                             | 7,530                    | 878,859,638   | 183,748        | 202,510,550              | 553,558,520             | 499,643,217                                 | 1,053,291,737                    |
| 1922                             | 7,190                    | 800,859,568   | 143,564        | 139,876,821              | 333,298,544             | 346,029,126                                 | 679,318,670                      |
| 1929                             | 6,048                    | 1,246,208,650 | 206,580        | 225,226,808              | 537,270,055             | 537,796,395                                 | 1,108,502,775                    |
| 1933                             | 7,856                    | 1,035,339,591 | 157,481        | 134,696,366              | 292,560,568             | 288,504,782                                 | 604,406,078                      |
| 1937                             | 8,518                    | 1,117,772,721 | 219,033        | 216,971,297              | 562,886,160             | 445,885,666                                 | 1,046,470,796                    |
| 1939                             | 8,373                    | 1,182,538,441 | 220,321        | 223,757,767              | 536,823,039             | 470,385,279                                 | 1,045,757,585                    |
| 1940                             | 8,381                    | 1,345,927,411 | 252,402        | 277,639,876              | 713,132,575             | 505,552,990                                 | 1,357,375,776                    |
| 1941                             | 8,711                    | 1,700,527,405 | 327,591        | 393,819,671              | 961,162,209             | 815,086,832                                 | 1,841,088,523                    |
| 1942                             | 9,349                    | 1,883,353,668 | 399,017        | 536,329,170              | 1,193,445,432           | 1,059,823,943                               | 2,333,303,012                    |
| 1943                             | 9,372                    | 2,230,620,386 | 437,247        | 658,323,620              | 1,483,627,797           | 1,280,097,615                               | 2,852,191,853                    |
| <b>Ontario—</b>                  |                          |               |                |                          |                         |   |                                  |
| 1917                             | 9,061                    | 1,157,850,643 | 290,389        | 258,393,065              | 794,556,502             | 662,174,261                                 | 1,450,730,763                    |
| 1920                             | 9,113                    | 1,404,097,346 | 295,674        | 362,941,317              | 1,071,843,374           | 792,267,592                                 | 1,964,110,936                    |
| 1922                             | 8,763                    | 1,409,041,955 | 235,070        | 265,818,003              | 674,025,732             | 572,098,704                                 | 1,240,124,830                    |
| 1929                             | 9,348                    | 1,986,736,556 | 328,533        | 406,622,627              | 1,056,530,202           | 916,071,816                                 | 2,020,492,433                    |
| 1933                             | 9,542                    | 1,587,947,947 | 324,816        | 220,530,088              | 464,544,563             | 465,163,842                                 | 958,776,858                      |
| 1937                             | 9,796                    | 1,674,896,201 | 321,743        | 373,018,048              | 1,025,871,741           | 804,703,114                                 | 1,880,388,188                    |
| 1939                             | 9,824                    | 1,762,517,689 | 318,871        | 378,376,209              | 907,011,461             | 791,428,569                                 | 1,745,674,707                    |
| 1940                             | 10,040                   | 1,988,401,940 | 372,043        | 479,399,188              | 1,236,738,529           | 1,004,529,583                               | 2,302,014,654                    |
| 1941                             | 10,250                   | 2,336,788,884 | 468,230        | 660,722,278              | 1,683,912,216           | 1,369,055,756                               | 3,121,756,568                    |
| 1942                             | 10,711                   | 2,632,519,471 | 542,958        | 840,783,795              | 2,056,746,983           | 1,671,130,314                               | 3,817,396,404                    |
| 1943                             | 10,587                   | 2,994,953,988 | 570,017        | 956,399,212              | 2,278,871,611           | 1,844,651,587                               | 4,221,101,063                    |

<sup>1</sup> See footnote 1, Table 1.<sup>2</sup> See footnote 2, Table 1.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-43  
—concluded

| Province and Year                  | Estab-lish-ments | Capital     | Em-ployees | Salaries and Wages | Cost of Materials | Net Value of Products <sup>1</sup> | 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             |
| 1922                               | 697              | 95,172,676  | 13,076     | 16,853,345         | 54,373,811        | 30,842,899                         | 91,216,710              |
| 1929 <sup>2</sup>                  | 861              | 121,363,898 | 24,012     | 31,224,596         | 87,832,324        | 63,925,615                         | 155,266,294             |
| 1933                               | 1,010            | 100,074,404 | 18,871     | 18,687,430         | 44,579,968        | 37,390,275                         | 81,934,777              |
| 1937                               | 1,043            | 119,363,026 | 23,706     | 27,198,978         | 87,684,514        | 49,950,465                         | 140,805,451             |
| 1939                               | 1,087            | 119,659,365 | 23,910     | 28,444,798         | 82,408,293        | 48,810,544                         | 134,293,595             |
| 1940                               | 1,171            | 132,978,496 | 26,679     | 31,940,562         | 101,693,250       | 62,352,998                         | 167,919,165             |
| 1941                               | 1,184            | 163,480,471 | 32,262     | 40,804,267         | 132,330,823       | 74,453,721                         | 211,534,751             |
| 1942                               | 1,287            | 175,992,477 | 37,519     | 51,095,139         | 159,248,396       | 94,856,679                         | 259,554,359             |
| 1943                               | 1,245            | 173,752,507 | 37,003     | 53,841,825         | 200,464,756       | 99,146,670                         | 304,867,912             |
| <b>Sas'atchewan—</b>               |                  |             |            |                    |                   |                                    |                         |
| 1917                               | 590              | 24,372,585  | 6,230      | 5,403,332          | 22,040,674        | 13,894,179                         | 35,934,853              |
| 1920                               | 554              | 24,640,520  | 6,709      | 5,571,175          | 34,894,165        | 22,610,801                         | 57,594,966              |
| 1922                               | 490              | 22,734,460  | 3,494      | 4,734,885          | 22,366,120        | 13,186,266                         | 35,552,395              |
| 1929 <sup>2</sup>                  | 594              | 43,925,797  | 7,025      | 9,105,547          | 51,093,566        | 23,093,952                         | 75,368,605              |
| 1933                               | 673              | 38,688,433  | 4,782      | 4,848,763          | 19,124,030        | 11,478,634                         | 31,559,387              |
| 1937                               | 689              | 39,279,059  | 6,107      | 6,758,154          | 43,782,090        | 17,068,655                         | 62,205,884              |
| 1939                               | 737              | 37,654,095  | 6,475      | 7,346,127          | 38,782,135        | 20,283,273                         | 60,159,589              |
| 1940                               | 814              | 40,698,082  | 7,415      | 8,412,580          | 48,634,473        | 25,857,683                         | 76,284,332              |
| 1941                               | 945              | 42,158,738  | 8,540      | 9,979,974          | 65,836,308        | 28,172,441                         | 96,029,975              |
| 1942                               | 966              | 45,013,677  | 9,801      | 12,543,965         | 84,208,291        | 33,033,836                         | 129,256,733             |
| 1943                               | 976              | 60,674,093  | 11,683     | 16,445,866         | 111,193,185       | 37,895,459                         | 152,123,360             |
| <b>Alberta—</b>                    |                  |             |            |                    |                   |                                    |                         |
| 1917                               | 636              | 49,146,241  | 9,461      | 8,662,417          | 42,632,212        | 23,883,673                         | 66,515,885              |
| 1920                               | 666              | 48,316,655  | 10,955     | 15,210,628         | 56,130,648        | 29,812,891                         | 85,952,537              |
| 1922                               | 556              | 41,154,178  | 6,516      | 8,293,572          | 30,189,648        | 18,939,659                         | 49,129,207              |
| 1929 <sup>2</sup>                  | 736              | 81,875,952  | 12,216     | 14,585,734         | 62,590,175        | 36,524,909                         | 100,960,196             |
| 1933                               | 874              | 69,094,563  | 9,753      | 9,573,468          | 29,425,975        | 18,576,929                         | 49,395,514              |
| 1937                               | 895              | 79,894,079  | 12,524     | 13,993,052         | 55,898,599        | 28,025,965                         | 89,225,099              |
| 1939                               | 961              | 78,284,225  | 12,712     | 14,977,790         | 53,151,149        | 32,618,133                         | 87,474,080              |
| 1940                               | 1,068            | 78,440,596  | 14,191     | 16,824,993         | 67,429,671        | 37,747,215                         | 107,333,964             |
| 1941                               | 1,108            | 95,676,318  | 16,761     | 21,151,705         | 94,176,887        | 45,958,219                         | 142,951,493             |
| 1942                               | 1,115            | 101,491,133 | 18,397     | 23,992,613         | 117,617,599       | 57,479,836                         | 178,103,011             |
| 1943                               | 1,133            | 111,682,419 | 20,613     | 29,494,369         | 142,057,051       | 65,796,813                         | 211,159,142             |
| <b>British Columbia and Yukon—</b> |                  |             |            |                    |                   |                                    |                         |
| 1917                               | 1,133            | 171,375,087 | 37,943     | 35,426,675         | 87,637,633        | 71,673,094                         | 159,310,927             |
| 1920                               | 1,396            | 174,110,438 | 34,369     | 49,135,095         | 125,405,084       | 104,851,641                        | 230,256,725             |
| 1922                               | 1,192            | 159,929,346 | 25,818     | 29,839,039         | 79,764,190        | 61,838,455                         | 141,692,845             |
| 1929 <sup>2</sup>                  | 1,569            | 311,806,456 | 48,153     | 57,764,968         | 141,145,838       | 113,082,137                        | 260,418,645             |
| 1933                               | 1,552            | 293,195,652 | 28,417     | 28,469,225         | 79,166,220        | 59,034,923                         | 133,879,330             |
| 1937                               | 1,713            | 256,011,693 | 42,576     | 51,979,391         | 144,466,346       | 99,359,951                         | 251,924,258             |
| 1939 <sup>3</sup>                  | 1,710            | 274,968,592 | 49,758     | 53,881,994         | 138,855,872       | 103,263,292                        | 247,948,690             |
| 1940 <sup>3</sup>                  | 1,876            | 309,841,877 | 49,768     | 66,727,184         | 179,357,991       | 130,296,263                        | 311,040,478             |
| 1941 <sup>3</sup>                  | 1,905            | 340,696,179 | 62,447     | 80,256,478         | 219,755,738       | 181,232,637                        | 412,957,807             |
| 1942 <sup>3</sup>                  | 1,990            | 388,649,300 | 89,570     | 148,782,063        | 270,823,072       | 272,926,065                        | 568,137,066             |
| 1943 <sup>3</sup>                  | 1,951            | 459,360,048 | 102,223    | 185,711,773        | 294,445,095       | 341,699,478                        | 652,046,313             |
| <b>Yukon and N.W.T.—</b>           |                  |             |            |                    |                   |                                    |                         |
| 1939                               | 5                | 538,847     | 55         | 97,766             | 138,500           | 92,054                             | 242,968                 |
| 1940                               | 9                | 666,281     | 78         | 123,276            | 179,249           | 162,733                            | 269,745                 |
| 1941                               | 9                | 785,012     | 59         | 111,641            | 129,477           | 199,863                            | 341,377                 |
| 1942                               | 9                | 852,827     | 68         | 106,278            | 139,096           | 263,471                            | 417,773                 |
| 1943                               | 8                | 589,841     | 62         | 120,714            | 138,399           | 237,709                            | 395,943                 |

<sup>1</sup> See footnote 1, Table 1.

<sup>2</sup> See footnote 2, Table 1.

<sup>3</sup> British Columbia only.

## 3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-43

| Industrial Group and Year             | Estab-lish-ments | Capital       | Em-ploy-ees | Salaries and Wages | Cost of Materials | Net Value of Products <sup>1</sup> | Gross Value of Products |
|---------------------------------------|------------------|---------------|-------------|--------------------|-------------------|------------------------------------|-------------------------|
|                                       | No.              | \$            | No.         | \$                 | \$                | \$                                 | \$                      |
| <b>Vegetable Products—</b>            |                  |               |             |                    |                   |                                    |                         |
| 1917                                  | 4,151            | 279,627,827   | 82,777      | 45,915,557         | 387,214,061       | 183,782,501                        | 550,096,562             |
| 1920                                  | 4,540            | 402,383,047   | 74,241      | 77,750,189         | 536,828,044       | 239,328,371                        | 776,156,415             |
| 1922                                  | 4,638            | 379,567,139   | 64,753      | 66,228,286         | 333,295,009       | 210,835,301                        | 544,130,310             |
| 1929 <sup>2</sup>                     | 5,350            | 581,820,861   | 81,032      | 95,853,121         | 431,565,751       | 341,688,938                        | 783,706,883             |
| 1933                                  | 5,910            | 522,380,736   | 75,416      | 68,535,349         | 266,879,373       | 196,820,952                        | 432,315,617             |
| 1937                                  | 5,968            | 539,531,357   | 94,258      | 94,632,901         | 395,491,147       | 266,869,693                        | 672,540,163             |
| 1939                                  | 5,872            | 539,446,225   | 99,447      | 104,248,785        | 356,726,155       | 292,129,840                        | 659,624,014             |
| 1940                                  | 5,861            | 586,790,195   | 103,634     | 111,915,850        | 430,120,353       | 295,582,069                        | 738,432,443             |
| 1941                                  | 5,948            | 634,728,760   | 113,753     | 131,066,093        | 532,876,217       | 349,912,287                        | 897,978,448             |
| 1942                                  | 5,985            | 656,756,413   | 115,479     | 145,000,211        | 552,791,525       | 396,956,313                        | 965,896,035             |
| 1943                                  | 5,913            | 684,292,303   | 117,243     | 157,733,379        | 635,042,582       | 410,340,183                        | 1,062,561,932           |
| <b>Animal Products—</b>               |                  |               |             |                    |                   |                                    |                         |
| 1917                                  | 5,486            | 207,165,245   | 46,994      | 35,753,133         | 320,302,039       | 124,103,990                        | 444,406,029             |
| 1920                                  | 4,823            | 221,792,457   | 48,687      | 54,291,606         | 400,496,354       | 152,995,130                        | 553,491,484             |
| 1922                                  | 5,118            | 201,829,414   | 49,505      | 49,933,679         | 264,078,631       | 107,473,382                        | 371,552,013             |
| 1929 <sup>2</sup>                     | 4,490            | 243,825,065   | 67,670      | 62,081,423         | 345,351,882       | 127,929,857                        | 477,761,855             |
| 1933                                  | 4,466            | 201,993,642   | 53,111      | 46,454,188         | 179,429,948       | 87,629,444                         | 271,068,210             |
| 1937                                  | 4,435            | 230,312,163   | 67,996      | 64,816,361         | 326,537,087       | 118,117,971                        | 494,783,908             |
| 1939                                  | 4,362            | 250,335,831   | 69,358      | 68,231,871         | 333,647,306       | 122,821,410                        | 461,983,262             |
| 1940                                  | 4,250            | 261,794,531   | 73,666      | 75,226,038         | 398,487,114       | 141,233,679                        | 546,336,264             |
| 1941                                  | 4,240            | 303,657,373   | 82,131      | 90,185,037         | 534,909,242       | 165,416,939                        | 708,220,447             |
| 1942                                  | 4,392            | 322,045,016   | 87,038      | 103,620,997        | 640,160,318       | 203,152,956                        | 861,100,126             |
| 1943                                  | 4,380            | 324,811,863   | 88,037      | 114,467,581        | 750,435,541       | 211,149,715                        | 971,100,128             |
| <b>Textiles and Textile Products—</b> |                  |               |             |                    |                   |                                    |                         |
| 1917                                  | 1,067            | 191,338,745   | 76,978      | 47,764,436         | 131,225,632       | 109,004,530                        | 241,120,562             |
| 1920                                  | 1,304            | 302,758,185   | 87,730      | 84,433,609         | 256,233,300       | 173,741,035                        | 429,074,335             |
| 1922                                  | 1,080            | 259,324,870   | 80,558      | 69,635,520         | 151,333,320       | 142,577,057                        | 293,910,377             |
| 1929 <sup>2</sup>                     | 1,534            | 360,762,584   | 103,881     | 94,969,433         | 217,954,088       | 180,460,064                        | 493,205,809             |
| 1933                                  | 1,740            | 298,730,436   | 95,707      | 72,818,424         | 143,184,861       | 131,065,992                        | 279,475,267             |
| 1937                                  | 1,941            | 332,204,189   | 121,677     | 105,056,051        | 179,813,775       | 174,076,945                        | 400,383,726             |
| 1939                                  | 1,930            | 347,248,927   | 121,022     | 107,117,035        | 203,918,197       | 181,927,898                        | 392,657,769             |
| 1940                                  | 1,958            | 394,463,058   | 138,973     | 139,136,316        | 298,956,288       | 240,338,903                        | 547,451,110             |
| 1941                                  | 2,104            | 439,078,775   | 156,892     | 159,339,028        | 367,149,392       | 290,165,448                        | 666,438,539             |
| 1942                                  | 2,369            | 464,161,573   | 165,478     | 185,731,313        | 441,718,052       | 341,475,081                        | 793,304,750             |
| 1943                                  | 2,384            | 455,056,029   | 157,987     | 191,305,628        | 446,136,675       | 334,242,717                        | 790,659,927             |
| <b>Wood and Paper Products—</b>       |                  |               |             |                    |                   |                                    |                         |
| 1917                                  | 7,263            | 536,320,247   | 152,277     | 113,359,997        | 148,277,935       | 245,372,487                        | 393,650,422             |
| 1920                                  | 7,881            | 774,937,232   | 144,391     | 172,368,578        | 309,813,724       | 417,256,115                        | 727,099,839             |
| 1922                                  | 6,980            | 761,029,831   | 118,364     | 132,092,240        | 296,860,089       | 283,000,203                        | 489,866,289             |
| 1929 <sup>2</sup>                     | 7,392            | 1,151,463,962 | 164,572     | 192,088,948        | 313,797,201       | 381,485,477                        | 724,072,308             |
| 1933                                  | 7,891            | 892,652,622   | 105,080     | 102,218,652        | 134,063,641       | 184,233,540                        | 341,336,701             |
| 1937                                  | 8,497            | 927,070,757   | 147,254     | 165,298,485        | 256,269,941       | 306,961,553                        | 597,061,878             |
| 1939                                  | 8,538            | 960,804,672   | 144,782     | 165,287,455        | 246,292,820       | 303,662,441                        | 579,892,183             |
| 1940                                  | 9,276            | 1,021,849,742 | 160,888     | 193,765,565        | 315,995,317       | 396,891,561                        | 750,631,337             |
| 1941                                  | 9,426            | 1,086,022,546 | 179,967     | 227,821,739        | 386,999,813       | 463,967,834                        | 892,036,114             |
| 1942                                  | 10,222           | 1,080,457,129 | 186,106     | 252,179,776        | 428,529,286       | 488,433,355                        | 991,842,906             |
| 1943                                  | 9,974            | 1,103,984,216 | 183,805     | 264,844,792        | 447,399,954       | 508,835,982                        | 1,001,563,243           |
| <b>Iron and Its Products</b>          |                  |               |             |                    |                   |                                    |                         |
| 1917                                  | 1,495            | 695,677,552   | 161,745     | 161,875,424        | 378,193,116       | 371,792,489                        | 749,955,605             |
| 1920                                  | 1,789            | 726,371,335   | 164,087     | 231,595,911        | 377,499,134       | 411,875,057                        | 780,374,191             |
| 1922                                  | 1,083            | 567,011,222   | 78,565      | 95,445,053         | 171,529,909       | 170,769,391                        | 342,299,300             |
| 1929 <sup>2</sup>                     | 1,224            | 826,063,042   | 142,772     | 203,740,658        | 405,818,468       | 367,465,582                        | 790,726,338             |
| 1933                                  | 1,334            | 614,632,403   | 73,348      | 72,296,179         | 98,293,191        | 109,198,169                        | 216,828,932             |
| 1937                                  | 1,345            | 651,398,528   | 127,148     | 163,261,130        | 328,991,063       | 290,165,582                        | 624,819,877             |
| 1939                                  | 1,394            | 697,893,720   | 121,041     | 158,559,728        | 262,292,761       | 275,774,796                        | 553,468,880             |
| 1940                                  | 1,433            | 837,382,032   | 164,325     | 242,737,569        | 454,479,763       | 429,461,950                        | 906,103,055             |
| 1941                                  | 1,750            | 1,138,701,660 | 253,701     | 408,064,135        | 715,995,922       | 735,511,841                        | 1,483,199,765           |
| 1942                                  | 1,931            | 1,446,215,017 | 360,845     | 639,330,991        | 985,960,237       | 1,084,424,334                      | 2,112,292,237           |
| 1943                                  | 2,044            | 1,852,506,052 | 435,744     | 833,383,684        | 1,131,858,008     | 1,396,768,112                      | 2,576,976,547           |

<sup>1</sup> See footnote 1, Table 1.<sup>2</sup> See footnote 2, Table 1.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-43—concluded

| Industrial Group and Year             | Estab-lish-ments | Capital     | Em-ployees | Salaries and Wages | Cost of Materials | Net Value of Products <sup>1</sup> | Gross Value of Products |
|---------------------------------------|------------------|-------------|------------|--------------------|-------------------|------------------------------------|-------------------------|
|                                       | No.              | \$          | No.        | \$                 | \$                | \$                                 | \$                      |
| <b>Non-Ferrous Metal Products—</b>    |                  |             |            |                    |                   |                                    |                         |
| 1917                                  | 290              | 69,421,911  | 18,220     | 15,898,890         | 46,445,469        | 41,030,351                         | 87,484,820              |
| 1920                                  | 324              | 109,382,033 | 23,162     | 27,895,343         | 48,434,120        | 52,847,178                         | 101,281,298             |
| 1922                                  | 325              | 102,208,275 | 18,222     | 21,451,629         | 30,861,895        | 39,993,798                         | 79,855,603              |
| 1929 <sup>2</sup>                     | 408              | 298,721,106 | 39,807     | 54,591,800         | 124,900,032       | 150,415,215                        | 283,515,660             |
| 1933                                  | 478              | 266,266,443 | 25,273     | 28,099,020         | 71,990,098        | 88,427,984                         | 164,765,004             |
| 1937                                  | 526              | 306,522,643 | 44,614     | 57,722,728         | 282,532,128       | 182,968,223                        | 482,440,562             |
| 1939                                  | 526              | 346,489,890 | 44,563     | 59,684,858         | 242,063,177       | 155,898,806                        | 416,060,459             |
| 1940                                  | 545              | 425,766,852 | 54,317     | 75,655,811         | 307,808,225       | 210,352,784                        | 540,781,367             |
| 1941                                  | 579              | 545,862,427 | 73,450     | 108,895,000        | 406,132,161       | 288,823,325                        | 726,348,447             |
| 1942                                  | 596              | 612,513,064 | 90,937     | 146,690,366        | 505,122,844       | 355,005,408                        | 901,569,437             |
| 1943                                  | 597              | 674,802,402 | 109,522    | 186,874,396        | 615,283,895       | 369,005,912                        | 1,034,390,379           |
| <b>Non-Metallic Mineral Products—</b> |                  |             |            |                    |                   |                                    |                         |
| 1917                                  | 1,075            | 145,423,082 | 20,795     | 18,224,724         | 30,994,362        | 58,092,366                         | 95,086,788              |
| 1920                                  | 846              | 215,281,921 | 25,500     | 32,351,764         | 69,856,558        | 80,205,472                         | 159,062,030             |
| 1922                                  | 812              | 230,486,004 | 20,932     | 25,401,278         | 60,671,305        | 74,022,607                         | 134,693,912             |
| 1929 <sup>2</sup>                     | 843              | 316,692,818 | 29,257     | 38,958,390         | 112,573,103       | 99,005,847                         | 231,774,300             |
| 1933                                  | 770              | 295,139,543 | 16,975     | 19,282,401         | 69,077,701        | 52,817,078                         | 131,325,706             |
| 1937                                  | 823              | 287,473,542 | 23,837     | 30,389,958         | 115,938,578       | 77,667,225                         | 238,295,148             |
| 1939                                  | 809              | 290,865,285 | 23,026     | 30,067,034         | 107,979,292       | 85,511,631                         | 208,166,781             |
| 1940                                  | 804              | 309,092,155 | 25,415     | 34,897,235         | 139,312,380       | 97,693,069                         | 255,624,328             |
| 1941                                  | 773              | 325,032,038 | 28,820     | 42,376,214         | 183,140,990       | 117,435,887                        | 324,289,898             |
| 1942                                  | 782              | 329,401,312 | 30,707     | 48,702,880         | 191,143,787       | 141,216,996                        | 358,075,414             |
| 1943                                  | 747              | 351,164,254 | 30,994     | 53,282,340         | 215,199,225       | 146,460,170                        | 388,718,942             |
| <b>Chemicals and Allied Products—</b> |                  |             |            |                    |                   |                                    |                         |
| 1917                                  | 539              | 175,836,690 | 56,153     | 51,595,484         | 69,068,092        | 131,381,995                        | 230,450,087             |
| 1920                                  | 464              | 122,123,730 | 17,653     | 22,193,421         | 62,644,608        | 65,183,212                         | 127,827,820             |
| 1922                                  | 469              | 118,025,483 | 14,082     | 16,770,503         | 37,650,061        | 48,981,277                         | 86,631,338              |
| 1929 <sup>2</sup>                     | 554              | 165,880,912 | 16,094     | 22,039,449         | 55,184,337        | 78,785,911                         | 138,545,221             |
| 1933                                  | 606              | 153,000,930 | 15,397     | 18,738,620         | 34,271,854        | 55,394,284                         | 92,820,761              |
| 1937                                  | 754              | 161,165,068 | 21,968     | 28,612,719         | 64,460,947        | 79,290,240                         | 148,973,220             |
| 1939                                  | 808              | 172,459,365 | 22,595     | 31,567,558         | 65,239,839        | 89,046,832                         | 159,536,984             |
| 1940                                  | 804              | 213,610,510 | 27,882     | 38,640,990         | 82,534,474        | 104,121,900                        | 193,890,338             |
| 1941                                  | 849              | 358,429,529 | 54,014     | 75,634,741         | 134,924,947       | 157,394,359                        | 304,490,569             |
| 1942                                  | 928              | 471,679,779 | 93,030     | 134,345,942        | 233,386,894       | 252,390,766                        | 591,656,123             |
| 1943                                  | 945              | 759,864,951 | 92,288     | 146,677,194        | 368,111,343       | 379,453,873                        | 765,217,887             |
| <b>Misc. Industries—</b>              |                  |             |            |                    |                   |                                    |                         |
| 1917                                  | 473              | 33,179,930  | 10,584     | 7,504,199          | 11,958,675        | 15,862,241                         | 27,620,916              |
| 1920                                  | 552              | 48,637,071  | 13,442     | 14,613,455         | 23,465,897        | 27,841,778                         | 51,307,585              |
| 1922                                  | 516              | 48,020,052  | 11,185     | 12,391,024         | 16,371,366        | 25,697,093                         | 41,978,459              |
| 1929 <sup>2</sup>                     | 421              | 59,654,759  | 10,786     | 12,457,989         | 22,495,351        | 28,081,046                         | 51,207,736              |
| 1933                                  | 459              | 33,554,083  | 8,351      | 7,810,976          | 9,497,751         | 14,083,738                         | 24,138,927              |
| 1937                                  | 545              | 39,549,593  | 11,699     | 11,936,704         | 17,792,121        | 22,897,435                         | 41,251,081              |
| 1939                                  | 566              | 41,480,534  | 12,280     | 13,045,929         | 18,308,810        | 24,368,247                         | 43,393,206              |
| 1940                                  | 582              | 44,037,760  | 13,364     | 14,897,461         | 22,328,067        | 26,795,383                         | 49,923,074              |
| 1941                                  | 621              | 73,990,849  | 18,441     | 21,480,656         | 34,818,275        | 36,651,877                         | 72,525,897              |
| 1942                                  | 657              | 105,556,242 | 22,474     | 27,202,456         | 49,292,782        | 46,918,549                         | 97,437,944              |
| 1943                                  | 668              | 110,684,657 | 25,388     | 38,723,390         | 81,085,860        | 60,156,877                         | 142,587,014             |

<sup>1</sup> See footnote 1, Table 1.

<sup>2</sup> See footnote 2, Table 1.

**Summary Statistics of Manufactures.**—The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible through the latest period of their development. In analysing statistics of production and materials used, it should be borne in mind that, due to the inflation of values from 1914 through the immediate post-war period and the drop in prices of commodities during the depressions following 1921 and 1930, the figures for these periods are not completely comparable. One very important figure, however, which shows the trend of development clearly, is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 6,415,851 in 1943, an increase of about 287 p.c. in 26 years. In the same period, horse-power per wage-earner 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 wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.12 in 1943. The significant feature is the increase in both the absolute figures of power employed and the averages per wage-earner 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 1943. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1920.

**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 1943 was \$7,594,000,000, 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 past years there have always been large amounts of manufactured animal, wood and non-ferrous metal products available for consumption in Canada with considerable surplus left for export. With the commencement of the War, however, it was necessary to export more and more of such goods to the United Kingdom, and while this was done mainly by increasing production, Government control of consumption at home grew stronger as the War advanced. In the case of manufactured vegetable products, the figures for 1943 showed large excesses of exports over imports for such products as cereal foods (including flour), canned and dehydrated vegetables, etc. Excesses of imports were chiefly confined to cocoa, tea, coffee and preserved fruits and fruit juices, in which cases domestic production cannot be substituted.

On balance, Canada, in the past, imported large quantities of iron and steel, textile and non-metallic mineral products in spite of large home production. The urgent requirements for munitions of war brought about an expansion of the iron and steel, chemical and non-ferrous metals industries that will enable Canada to meet most requirements for home consumption in the future as these industries are adjusted for peacetime needs.

4—Summary Statistics of Manufactures, Significant Years, 1917-43

| Item   | 1917          | 1920          | 1929 <sup>1</sup> | 1933          | 1937          | 1939          | 1942          | 1943          |
|--|---------------|---------------|-------------------|---------------|---------------|---------------|---------------|---------------|
| Establishments.....No.                           | 21,845        | 22,532        | 22,216            | 23,780        | 24,834        | 24,805        | 27,862        | 27,652        |
| Capital.....\$                                   | 2,333,991,229 | 2,923,667,011 | 4,004,892,009     | 3,279,259,838 | 3,465,227,831 | 3,647,024,449 | 5,488,785,545 | 6,317,156,727 |
| Averages, per establishment.....\$               | 106,843       | 129,756       | 180,201           | 137,000       | 139,536       | 147,028       | 196,999       | 228,452       |
| Averages, per employee.....\$                    | 3,848         | 4,882         | 6,009             | 6,007         | 5,247         | 5,542         | 4,764         | 5,090         |
| Averages, per wage-earner.....\$                 | 4,300         | 5,616         | 6,933             | 8,584         | 6,363         | 6,838         | 5,630         | 6,029         |
| Totals, employees.....No.                        | 606,523       | 598,893       | 686,531           | 468,658       | 660,451       | 658,114       | 1,152,091     | 1,241,068     |
| Averages, per establishment....."                | 27.8          | 26.6          | 30.0              | 19.7          | 26.6          | 26.5          | 41.4          | 44.9          |
| Totals, salaries and wages.....\$                | 497,801,844   | 717,493,576   | 777,201,217       | 436,247,824   | 721,727,037   | 737,811,153   | 1,692,804,842 | 1,987,292,384 |
| Averages, per establishment.....\$               | 22,788        | 31,843        | 34,988            | 18,345        | 29,062        | 29,744        | 60,398        | 71,868        |
| Averages, per employee.....\$                    | 821           | 1,198         | 1,166             | 931           | 1,093         | 1,121         | 1,461         | 1,601         |
| Employees on salaries.....No.                    | 64,918        | 78,334        | 88,841            | 86,636        | 115,827       | 124,772       | 177,187       | 193,195       |
| Averages, per establishment....."                | 3.0           | 3.5           | 4.0               | 3.6           | 4.7           | 5.0           | 6.4           | 7.0           |
| Salaries.....\$                                  | 85,353,667    | 141,837,361   | 175,553,710       | 139,317,946   | 195,983,475   | 217,839,334   | 334,870,793   | 398,857,505   |
| Averages, per salaried employee.....\$           | 1,315         | 1,811         | 1,976             | 1,608         | 1,692         | 1,746         | 1,890         | 2,013         |
| Employees on wages.....No.                       | 541,605       | 520,559       | 577,690           | 382,022       | 544,624       | 533,342       | 974,904       | 1,047,873     |
| Averages, per establishment....."                | 24.8          | 23.1          | 26.0              | 16.1          | 21.9          | 21.5          | 35.0          | 37.9          |
| Wages.....\$                                     | 412,448,177   | 575,656,515   | 601,737,507       | 296,929,878   | 525,743,562   | 519,971,819   | 1,347,934,049 | 1,598,434,879 |
| Averages, per wage-earner.....\$                 | 762           | 1,106         | 1,042             | 777           | 965           | 975           | 1,383         | 1,525         |
| Cost of materials.....\$                         | 1,539,678,811 | 2,085,276,649 | 2,029,670,813     | 967,788,928   | 2,006,926,787 | 1,836,159,375 | 4,037,102,725 | 4,690,493,083 |
| Averages, per establishment.....\$               | 70,482        | 92,547        | 91,361            | 40,698        | 80,814        | 74,024        | 144,890       | 189,626       |
| Averages, per employee.....\$                    | 2,539         | 3,482         | 3,045             | 2,065         | 3,039         | 2,790         | 3,594         | 3,779         |
| Values added in manufacture <sup>2</sup> .....\$ | 1,281,131,980 | 1,621,273,348 | 1,755,386,937     | 919,671,181   | 1,538,924,867 | 1,531,051,901 | 3,309,973,758 | 3,816,413,541 |
| Averages, per establishment <sup>2</sup> .....\$ | 58,646        | 71,954        | 79,015            | 38,674        | 60,790        | 61,724        | 118,799       | 138,016       |
| Averages, per employee <sup>2</sup> .....\$      | 2,112         | 2,707         | 2,634             | 1,962         | 2,285         | 2,326         | 2,873         | 3,075         |
| Gross value of products.....\$                   | 2,820,810,791 | 3,706,544,997 | 3,883,446,116     | 1,954,075,785 | 3,625,459,500 | 3,474,783,528 | 7,553,794,972 | 8,732,860,999 |
| Averages, per establishment.....\$               | 129,128       | 164,511       | 174,804           | 82,173        | 145,988       | 140,084       | 271,115       | 315,813       |
| Averages, per employee.....\$                    | 4,651         | 6,189         | 5,826             | 4,170         | 5,489         | 5,280         | 6,557         | 7,037         |
| Power employed.....h.p.                          | 1,658,475     | 2,068,875     | 3,855,648         | 4,135,008     | 4,712,283     | 5,045,287     | 6,062,020     | 6,415,851     |
| Averages, per establishment....."                | 76            | 92            | 174               | 174           | 190           | 203           | 218           | 232           |
| Averages, per wage-earner....."                  | 3.06          | 3.07          | 6.67              | 10.82         | 8.65          | 9.46          | 6.22          | 6.12          |

<sup>1</sup> A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

<sup>2</sup> Net values of products; see footnote 1, Table 1.

## 5.—Consumption of Manufactured Products, 1928-43

| 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               | 4,135,700,240  |
| 1930..... | 3,280,236,603                  | 675,828,233   | 490,108,470               | 3,465,056,366  |
| 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               | 2,793,068,992  |
| 1937..... | 3,625,459,500                  | 566,876,483   | 781,009,407               | 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   | 640,853,938               | 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..... | 8,732,860,099                  | 1,305,838,746   | 2,444,862,298             | 7,593,837,447  |

<sup>1</sup> Imports and exports of manufactured and partly manufactured goods for the years 1928 to 1938 are for the fiscal years ended Mar. 31 of the following years, while for 1939 to 1943 they are for the calendar year. Net imports are total imports less foreign products re-exported.

## 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, especially when such variations have been as great as those in the period since the annual Census of Manufactures was begun in 1917. The index number of wholesale prices in Canada, on the 1926 base, compiled by the Dominion Bureau of Statistics, stood at 114.3 in 1917, 155.9 in 1920, 97.3 in 1922, 95.6 in 1929, 67.1 in 1933, 84.6 in 1937, 75.3 in 1939 and 100.0 p.c. in 1943. Index numbers of the prices of fully or chiefly manufactured goods were: 113.5 in 1917, 156.5 in 1920, 100.4 in 1922, 93.0 in 1929, 70.2 in 1933, 80.5 in 1937, 75.3 in 1939 and 93.1 p.c. in 1943.

**Volume of Manufacturing Production.**—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, not whether they are expending more dollars and cents.

The index of volume (Table 6) is based on the quantities of manufactured products reported. The industry indexes are weighted according to the values added by manufacture. The indexes for the years 1923-31 are based on the values added in



1926. The weights and products were changed in 1931, 1936 and then again in 1941. By changing the weights and products used in the construction of the index every five years, current changes in production are thereby reflected more accurately.

The physical volume of manufacturing production increased 50.2 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11.1 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 11.1 p.c. Exports of partly and fully manufactured goods increased from \$591,830,000 in the fiscal year ended Mar. 31, 1924, to \$686,876,000 in the fiscal year 1930, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929 in relation to population and exports would show that the decline in the depression preceding the Second World War was due chiefly to reduced exports and a cessation in production of capital equipment. As a result of the expansion in production resulting from the demands created by the War, the physical volume of production in 1943 increased by 76.6 p.c. since 1939 and by 85.1 p.c. since 1929. The chemical and allied products group, with an increase of 262.5 p.c., reported the greatest expansion in output since 1939. This was followed by the iron and its products group with an increase of 222.2 p.c., non-ferrous metal products 129.9 p.c., miscellaneous industries 68.0 p.c., non-metallic mineral products 55.6 p.c., animal products 40.4 p.c., textiles and textile products 33.7 p.c., vegetable products 24.6 p.c., and wood and paper products 21.4 p.c. There was also an increase in the volume of consumer goods. As was to be expected, the increase was not so great as that for the output of equipment and supplies needed by the Armed Forces. Drink and tobacco increased by 50.5 p.c., food 26.8 p.c., and clothing 24.7 p.c.

#### 6.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, Significant Years, 1923-43

(1935-39=100)

| Group and Classification                  | 1923        | 1929         | 1933        | 1939         | 1941         | 1942         | 1943         |
|---|-------------|--------------|-------------|--------------|--------------|--------------|--------------|
| <b>Component Material Classification—</b> |             |              |             |              |              |              |              |
| Vegetable products .....                  | 63.6        | 98.7         | 73.8        | 109.0        | 137.2        | 136.3        | 135.8        |
| Animal products .....                     | 75.0        | 87.9         | 79.6        | 107.2        | 138.2        | 145.2        | 150.5        |
| Textiles and textile products .....       | 64.3        | 86.1         | 81.1        | 104.9        | 143.1        | 152.3        | 140.2        |
| Wood and paper products .....             | 65.0        | 99.4         | 69.6        | 104.4        | 131.3        | 131.2        | 126.7        |
| Iron and its products .....               | 81.5        | 128.5        | 50.0        | 101.9        | 217.1        | 289.3        | 325.3        |
| Non-ferrous metal products .....          | 42.7        | 81.3         | 57.6        | 111.1        | 165.4        | 213.7        | 255.4        |
| Non-metallic mineral products .....       | 76.4        | 124.6        | 66.8        | 105.1        | 148.8        | 157.6        | 163.5        |
| Chemicals and allied products .....       | 59.2        | 84.8         | 69.9        | 108.9        | 219.6        | 369.6        | 394.8        |
| Miscellaneous industries .....            | 89.9        | 123.5        | 66.1        | 110.7        | 157.4        | 180.2        | 186.0        |
| <b>Totals, All Industries .....</b>       | <b>67.5</b> | <b>101.4</b> | <b>67.7</b> | <b>106.3</b> | <b>153.9</b> | <b>179.9</b> | <b>187.7</b> |
| <b>Purpose Classification—</b>            |             |              |             |              |              |              |              |
| Food .....                                | 73.7        | 89.4         | 79.9        | 107.0        | 131.7        | 130.7        | 135.7        |
| Clothing .....                            | 69.2        | 95.8         | 81.7        | 108.2        | 136.0        | 142.7        | 134.9        |
| Drink and tobacco .....                   | 50.1        | 92.6         | 63.4        | 111.6        | 149.5        | 171.1        | 167.9        |
| Personal utilities .....                  | 85.1        | 101.5        | 70.7        | 108.5        | 140.0        | 144.6        | 141.7        |
| House furnishings .....                   | 62.1        | 108.3        | 68.7        | 106.5        | 140.4        | 149.5        | 149.7        |
| Books and stationery .....                | 56.1        | 79.3         | 73.5        | 104.7        | 112.8        | 106.7        | 107.2        |
| Producers materials .....                 | 60.3        | 101.8        | 63.6        | 106.9        | 151.1        | 172.3        | 172.7        |
| Industrial equipment .....                | 64.3        | 109.2        | 59.2        | 105.1        | 184.9        | 222.8        | 257.0        |
| Vehicles and vessels .....                | 77.4        | 142.6        | 57.7        | 97.4         | 230.8        | 310.2        | 373.0        |
| Miscellaneous .....                       | 45.0        | 66.2         | 59.9        | 115.5        | 230.8        | 430.9        | 405.1        |

### 7.—Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-43

(1935-39=100)

| Group and Classification          | 1923        | 1929         | 1933        | 1939         | 1941         | 1942         | 1943         |
|-----------------------------------|-------------|--------------|-------------|--------------|--------------|--------------|--------------|
| <b>Food</b>                       | <b>73.7</b> | <b>89.4</b>  | <b>79.9</b> | <b>107.0</b> | <b>131.7</b> | <b>130.7</b> | <b>135.7</b> |
| Breadstuffs                       | 81.0        | 98.7         | 84.3        | 106.9        | 128.3        | 130.0        | 138.7        |
| Fish                              | 108.5       | 114.1        | 86.7        | 98.8         | 164.0        | 145.4        | 131.9        |
| Fruit and vegetable preparations  | 32.9        | 70.8         | 64.5        | 109.9        | 330.8        | 123.0        | 107.0        |
| Meats                             | 72.7        | 78.5         | 76.2        | 106.0        | 143.4        | 153.1        | 165.3        |
| Milk products                     | 69.8        | 77.2         | 78.7        | 107.3        | 325.4        | 130.5        | 145.5        |
| Oils and fats                     | 52.0        | 40.9         | 41.9        | 156.4        | 243.0        | 296.4        | 314.0        |
| Sugar                             | 79.2        | 88.5         | 82.5        | 109.4        | 115.7        | 76.9         | 83.3         |
| Infusions                         | 64.4        | 75.0         | 82.5        | 105.8        | 111.5        |              |              |
| Miscellaneous                     | 46.5        | 67.4         | 60.5        | 110.4        | 143.8        | 145.3        | 156.2        |
| <b>Clothing</b>                   | <b>69.2</b> | <b>95.8</b>  | <b>81.7</b> | <b>108.2</b> | <b>136.0</b> | <b>142.7</b> | <b>134.9</b> |
| Hats and shoes                    | 73.0        | 100.6        | 80.0        | 113.4        | 115.8        | 114.1        | 107.9        |
| Fur goods                         | 41.1        | 97.6         | 81.0        | 118.3        | 154.4        | 157.5        | 169.7        |
| Garments and personal furnishings | 75.3        | 94.2         | 80.2        | 103.1        | 148.7        | 166.5        | 153.9        |
| Gloves and mittens                | 59.2        | 84.0         | 76.4        | 100.4        | 148.3        | 166.4        | 167.1        |
| Hats and caps                     | 58.6        | 95.3         | 74.3        | 104.5        | 131.8        | 133.8        | 130.9        |
| Knitted goods                     | 64.8        | 86.1         | 83.1        | 112.4        | 128.1        | 124.0        | 118.2        |
| Waterproofs                       | 48.9        | 89.8         | 65.7        | 100.4        | 300.4        | 329.2        | 250.0        |
| <b>Drink and Tobacco</b>          | <b>50.1</b> | <b>92.6</b>  | <b>63.4</b> | <b>111.6</b> | <b>149.5</b> | <b>171.1</b> | <b>167.9</b> |
| Beverages, alcoholic              | 49.5        | 105.9        | 60.5        | 102.8        | 147.0        | 170.2        | 165.8        |
| Beverages, non-alcoholic          | 35.0        | 61.3         | 54.0        | 136.4        | 183.9        | 179.9        | 178.6        |
| Tobacco                           | 55.3        | 90.7         | 77.1        | 111.3        | 134.4        | 162.7        | 170.6        |
| <b>Personal Utilities</b>         | <b>85.1</b> | <b>101.5</b> | <b>70.7</b> | <b>108.5</b> | <b>140.0</b> | <b>144.6</b> | <b>141.7</b> |
| Jewellery and time-pieces         | 78.4        | 88.5         | 67.7        | 108.1        | 155.9        | 151.8        | 140.0        |
| Recreational supplies             | 193.3       | 176.7        | 48.2        | 114.1        | 124.7        | 131.8        | 152.4        |
| Personal utilities                | 56.1        | 79.8         | 78.1        | 107.5        | 135.9        | 139.6        | 142.6        |
| <b>House Furnishings</b>          | <b>62.1</b> | <b>108.3</b> | <b>68.7</b> | <b>106.5</b> | <b>140.4</b> | <b>149.5</b> | <b>149.7</b> |
| <b>Books and Stationery</b>       | <b>56.1</b> | <b>79.3</b>  | <b>73.5</b> | <b>104.7</b> | <b>112.8</b> | <b>106.7</b> | <b>107.2</b> |
| <b>Producers Materials</b>        | <b>69.3</b> | <b>101.8</b> | <b>63.6</b> | <b>106.9</b> | <b>151.1</b> | <b>172.3</b> | <b>172.7</b> |
| Farm materials (fertilizers)      | 8.0         | 13.4         | 51.7        | 124.8        | 122.1        | 159.2        | 204.5        |
| Manufacturers materials           | 58.7        | 88.1         | 64.4        | 105.6        | 148.7        | 167.8        | 169.1        |
| Building materials                | 109.3       | 152.0        | 58.8        | 111.2        | 100.9        | 167.1        | 154.8        |
| General materials                 | 86.0        | 120.3        | 69.3        | 108.5        | 171.3        | 183.7        | 190.0        |
| <b>Industrial Equipment</b>       | <b>64.3</b> | <b>109.2</b> | <b>59.2</b> | <b>105.1</b> | <b>184.9</b> | <b>222.8</b> | <b>257.0</b> |
| Farming equipment                 | 97.7        | 144.7        | 43.3        | 85.1         | 152.8        | 206.6        | 240.7        |
| Manufacturing equipment           | 66.5        | 101.3        | 44.9        | 107.6        | 241.0        | 284.3        | 293.5        |
| Trading equipment                 | 55.2        | 77.2         | 80.0        | 107.7        | 120.8        | Nil          | Nil          |
| Service equipment                 | 67.7        | 75.5         | 72.5        | 100.4        | 127.1        | 166.2        | 317.8        |
| Light, heat and power equipment   | 46.6        | 104.8        | 61.7        | 105.0        | 109.8        | 196.6        | 220.7        |
| General equipment                 | 74.2        | 114.4        | 58.5        | 106.4        | 212.2        | 260.5        | 292.8        |
| <b>Vehicles and Vessels</b>       | <b>77.4</b> | <b>142.6</b> | <b>57.7</b> | <b>97.4</b>  | <b>239.8</b> | <b>310.2</b> | <b>373.0</b> |
| <b>Miscellaneous</b>              | <b>45.0</b> | <b>66.2</b>  | <b>59.9</b> | <b>115.5</b> | <b>230.8</b> | <b>439.9</b> | <b>405.1</b> |
| <b>Totals, All Manufactures</b>   | <b>67.5</b> | <b>101.4</b> | <b>67.7</b> | <b>106.3</b> | <b>155.9</b> | <b>179.9</b> | <b>187.7</b> |

### Section 3.—Production by Industrial Groups and Individual Industries.

For the purposes of the Census of Manufactures, the main detailed analysis is made under a classification in which industries are grouped according to the chief component materials of the goods manufactured. This is, therefore, the grouping used in Table 9, where the statistics of individual industries are presented in detail, and in the historical series shown in Table 3. However, there are also less detailed analyses under purpose groupings given in Table 10 and under origin groupings in Table 12.

#### Subsection 1.—Manufactures Grouped by Chief Component Materials

A classification based on the chief component materials in the various products of each manufacturing establishment was applied for the first time in the compilation of the returns for 1920. The number of groups was reduced from fifteen to nine to correspond with the external trade classification and the classes of industry were somewhat altered to conform with recent industrial developments. Subsequently, a number of minor changes were made, the most important being the elimination of central electric stations and the dyeing, cleaning and laundry industry from the compilation in 1936. Revisions due to these changes have been carried back to 1917 in so far as possible.

**Recent Changes in Manufacturing Production.**—Table 8 shows the effects of the depression, the recovery since 1933, and the impact of the Second World War upon the main groups of industries with regard to the numbers employed, the salaries and wages paid, and the gross value of products. Owing to the price decline during the depression, money values of both wages and products were naturally affected more than number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 8 are to be compared with those of Table 6 which show changes in volume of production. Compared with 1939, the number of employees in 1943 increased by 88.6 p.c. as compared with an increase of 76.6 p.c. in the physical volume of production. Salaries and wages paid were 169.3 p.c. higher and the gross value of production 151.3 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 1943 this figure jumped to 392.

**8.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-13**

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

| Industrial Group                  | 1933<br>Compared with<br>1929 |                          |                                    | 1939<br>Compared with<br>1929 |                          |                                    | 1943<br>Compared with<br>1939 |                          |                                    |
|-----------------------------------|-------------------------------|--------------------------|------------------------------------|-------------------------------|--------------------------|------------------------------------|-------------------------------|--------------------------|------------------------------------|
|                                   | Em-<br>ployees                | Salaries<br>and<br>Wages | Gross<br>Value of<br>Pro-<br>ducts | Em-<br>ployees                | Salaries<br>and<br>Wages | Gross<br>Value of<br>Pro-<br>ducts | Em-<br>ployees                | Salaries<br>and<br>Wages | Gross<br>Value of<br>Pro-<br>ducts |
| Vegetable products . . . . .      | -17.2                         | -28.5                    | -44.8                              | + 9.2                         | + 8.8                    | -15.8                              | +17.9                         | + 51.3                   | + 61.1                             |
| Animal products . . . . .         | -21.5                         | -25.2                    | -43.3                              | + 2.5                         | + 9.9                    | - 3.3                              | + 26.9                        | + 67.8                   | +110.2                             |
| Textile products . . . . .        | - 7.9                         | -23.3                    | -30.7                              | +16.5                         | +12.8                    | - 2.6                              | + 30.5                        | + 78.6                   | +101.4                             |
| Wood and paper products . . . . . | -36.1                         | -46.8                    | -52.9                              | -12.0                         | -14.0                    | -20.0                              | + 27.0                        | + 60.2                   | + 72.7                             |
| Iron and its products . . . . .   | -48.6                         | -64.5                    | -72.6                              | -15.2                         | -22.2                    | -30.0                              | +260.0                        | +425.6                   | +365.4                             |
| Non-ferrous metals . . . . .      | -36.6                         | -48.4                    | -41.9                              | +11.8                         | + 9.5                    | +46.7                              | +145.8                        | +213.1                   | +148.6                             |
| Non-metallic minerals . . . . .   | -42.0                         | -50.5                    | -42.8                              | -21.3                         | -22.8                    | - 9.4                              | + 34.6                        | + 77.2                   | + 86.7                             |
| Chemicals . . . . .               | - 7.9                         | -17.2                    | -33.0                              | +35.3                         | +30.4                    | +15.2                              | +308.4                        | +364.6                   | +379.6                             |
| Miscellaneous products . . . . .  | -22.6                         | -37.3                    | -52.9                              | +13.9                         | + 4.7                    | -15.3                              | +106.7                        | +196.8                   | +228.6                             |
| <b>Averages, All Industries</b>   | <b>-29.7</b>                  | <b>-43.9</b>             | <b>-49.7</b>                       | <b>- 1.3</b>                  | <b>- 5.1</b>             | <b>-10.5</b>                       | <b>+ 88.6</b>                 | <b>+169.3</b>            | <b>+151.3</b>                      |

**Detailed Statistics by Groups and Individual Industries.**—Table 9 presents for the year 1943 detailed statistics regarding the individual industries under which all industrial plants in the Dominion are classified. The industries are further assembled under nine main groups according to the principal component material of their products.

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 pleasure cars, radios, washing

(Concluded on page 24)

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

| Industry and Group                              | Establishments<br>No. | Capital<br>Employed<br>\$ | Employees on Salaries |               |                    |
|---|-----------------------|---------------------------|-----------------------|---------------|--------------------|
|   |                       |                           | Male                  | Female        | Salaries           |
|   |                       |                           | No.                   | No.           | \$                 |
| <b>PROVINCE</b>                                 |                       |                           |                       |               |                    |
| 1 Prince Edward Island.....                     | 230                   | 3,881,832                 | 271                   | 68            | 307,540            |
| 2 Nova Scotia.....                              | 1,278                 | 179,393,703               | 2,972                 | 1,199         | 6,625,069          |
| 3 New Brunswick.....                            | 862                   | 111,287,910               | 2,380                 | 867           | 5,664,351          |
| 4 Quebec.....                                   | 9,372                 | 2,230,620,386             | 43,885                | 18,757        | 124,885,674        |
| 5 Ontario.....                                  | 10,587                | 2,994,953,988             | 60,493                | 35,552        | 202,362,514        |
| 6 Manitoba.....                                 | 1,245                 | 173,752,507               | 4,408                 | 1,878         | 11,704,728         |
| 7 Saskatchewan.....                             | 976                   | 60,674,093                | 2,196                 | 803           | 4,474,979          |
| 8 Alberta.....                                  | 1,133                 | 111,682,419               | 3,018                 | 1,181         | 6,035,127          |
| 9 British Columbia.....                         | 1,961                 | 450,360,048               | 9,039                 | 4,301         | 25,812,131         |
| 10 Yukon and Northwest Territories.....         | 8                     | 580,841                   | 17                    | —             | 29,383             |
| <b>Totals.....</b>                              | <b>27,652</b>         | <b>6,317,166,727</b>      | <b>178,679</b>        | <b>61,516</b> | <b>398,857,405</b> |
| <b>INDUSTRIAL GROUP</b>                         |                       |                           |                       |               |                    |
| 1 Vegetable products.....                       | 5,913                 | 684,292,303               | 17,007                | 7,262         | 40,834,700         |
| 2 Animal products.....                          | 4,380                 | 324,811,863               | 12,564                | 4,629         | 20,678,029         |
| 3 Textiles and textile products.....            | 2,384                 | 455,056,029               | 11,987                | 6,888         | 43,890,793         |
| 4 Wood and paper products.....                  | 9,974                 | 1,103,984,216             | 26,767                | 9,768         | 68,030,425         |
| 5 Iron and its products.....                    | 2,044                 | 1,852,500,052             | 31,852                | 19,312        | 105,475,801        |
| 6 Non-ferrous metal products.....               | 597                   | 674,802,402               | 10,521                | 6,178         | 36,085,180         |
| 7 Non-metallic mineral products.....            | 747                   | 351,184,254               | 3,781                 | 1,583         | 11,927,013         |
| 8 Chemicals and allied products.....            | 945                   | 759,864,851               | 10,430                | 6,722         | 35,091,843         |
| 9 Miscellaneous industries.....                 | 668                   | 110,684,057               | 3,770                 | 2,174         | 11,837,721         |
| <b>1.—Vegetable Products—</b>                   |                       |                           |                       |               |                    |
| 1 Aerated and mineral waters.....               | 455                   | 23,593,578                | 1,091                 | 397           | 2,950,464          |
| 2 Biscuits, confectionery, cocoa, etc.....      | 211                   | 45,319,223                | 1,950                 | 787           | 6,050,742          |
| 3 Bread and other bakery products.....          | 2,096                 | 57,097,417                | 3,211                 | 1,166         | 6,153,520          |
| 4 Breweries.....                                | 61                    | 71,607,123                | 1,420                 | 274           | 4,594,285          |
| 5 Distilleries.....                             | 16                    | 46,805,170                | 448                   | 208           | 1,637,800          |
| 6 Flour and feed mills.....                     | 1,131                 | 70,869,815                | 1,725                 | 493           | 3,375,757          |
| 7 Foods, breakfast.....                         | 34                    | 7,145,901                 | 134                   | 69            | 392,104            |
| 8 Foods, stock and poultry.....                 | 138                   | 15,522,877                | 506                   | 229           | 1,344,002          |
| 9 Foods, miscellaneous.....                     | 259                   | 38,991,544                | 1,382                 | 624           | 4,071,424          |
| 10 Fruit and vegetable preparations.....        | 382                   | 60,753,837                | 1,155                 | 630           | 3,158,358          |
| 11 Ice cream cones.....                         | 6                     | 683,678                   | 13                    | 12            | 35,717             |
| 12 Macaroni, vermicelli, etc.....               | 16                    | 2,955,700                 | 59                    | 27            | 155,614            |
| 13 Malt and malt products.....                  | 11                    | 11,191,838                | 60                    | 28            | 237,013            |
| 14 Rubber goods, including rubber footwear..... | 51                    | 73,550,768                | 1,754                 | 1,009         | 5,772,177          |
| 15 Starch and glucose.....                      | 8                     | 6,835,054                 | 120                   | 79            | 463,253            |
| 16 Sugar refineries.....                        | 10                    | 44,141,876                | 305                   | 119           | 1,186,270          |
| 17 Tobacco, cigars and cigarettes.....          | 70                    | 78,331,842                | 1,337                 | 989           | 4,997,173          |
| 18 Tobacco processing.....                      | 15                    | 13,891,592                | 159                   | 35            | 481,558            |
| 19 Vegetable oil mills.....                     | 11                    | 4,249,673                 | 47                    | 30            | 154,992            |
| 20 Wine.....                                    | 30                    | 8,997,862                 | 116                   | 52            | 459,310            |
| 21 All other industries.....                    | 2                     | 2,082,920                 | 15                    | 5             | 64,111             |
| <b>Totals, Vegetable Products.....</b>          | <b>5,913</b>          | <b>684,292,303</b>        | <b>17,007</b>         | <b>7,262</b>  | <b>46,834,700</b>  |
| <b>2.—Animal Products—</b>                      |                       |                           |                       |               |                    |
| 1 Animal oils and fats.....                     | 8                     | 396,162                   | 21                    | 8             | 50,986             |
| 2 Belting, leather.....                         | 17                    | 1,538,450                 | 63                    | 30            | 210,679            |
| 3 Boot and shoe findings, leather.....          | 20                    | 1,659,158                 | 56                    | 20            | 177,726            |
| 4 Boots and shoes, leather.....                 | 222                   | 34,873,991                | 1,601                 | 609           | 4,839,365          |
| 5 Butter and cheese.....                        | 2,314                 | 72,237,363                | 4,393                 | 1,427         | 7,091,185          |
| 6 Cheese, processed.....                        | 22                    | 5,012,787                 | 115                   | 78            | 306,152            |
| 7 Condensed milk.....                           | 26                    | 7,134,362                 | 171                   | 87            | 452,994            |
| 8 Dairy products, other.....                    | 86                    | 3,487,871                 | 140                   | 59            | 320,067            |
| 9 Fish curing and packing.....                  | 523                   | 30,741,194                | 874                   | 196           | 1,552,071          |
| 10 Fur dressing and dyeing.....                 | 16                    | 2,045,693                 | 126                   | 41            | 378,824            |
| 11 Fur goods.....                               | 495                   | 21,722,623                | 958                   | 377           | 2,570,989          |
| 12 Gloves and mittens, leather.....             | 65                    | 3,563,928                 | 198                   | 80            | 474,534            |
| 13 Hair goods, animal and human.....            | 15                    | 386,837                   | 21                    | 10            | 76,160             |
| 14 Leather tanneries.....                       | 78                    | 26,093,568                | 361                   | 131           | 1,444,218          |
| 15 Miscellaneous leather goods.....             | 244                   | 9,397,166                 | 638                   | 222           | 1,538,862          |
| 16 Sausage and sausage casings.....             | 76                    | 1,572,082                 | 114                   | 29            | 190,331            |
| 17 Slaughtering and meat packing.....           | 153                   | 102,948,528               | 2,714                 | 1,225         | 7,988,986          |
| <b>Totals, Animal Products.....</b>             | <b>4,380</b>          | <b>324,811,863</b>        | <b>12,564</b>         | <b>4,629</b>  | <b>20,678,029</b>  |

Materials, and Values of Products of Canadian Manufacturing Industries, 1943

| Employees on Wages |                |                      | Power Installed  | Cost of Fuel and Electricity | Cost of Materials    | Value of Products    |                      |    |
|--------------------|----------------|----------------------|------------------|------------------------------|----------------------|----------------------|----------------------|----|
| Male               | Female         | Wages                |                  |                              |                      | Net                  | Gross                |    |
| No.                | No.            | \$                   | h.p.             | \$                           | \$                   | \$                   | \$                   |    |
| 815                | 398            | 990,563              | 4,559            | 123,519                      | 6,432,070            | 3,021,848            | 9,577,446            | 1  |
| 28,033             | 5,331          | 48,580,643           | 195,706          | 7,004,585                    | 96,551,817           | 84,909,680           | 188,463,088          | 2  |
| 16,029             | 3,949          | 24,786,830           | 249,785          | 5,206,690                    | 70,711,513           | 58,856,670           | 140,934,879          | 3  |
| 262,141            | 112,464        | 533,437,040          | 2,230,564        | 88,466,441                   | 1,483,027,797        | 1,280,097,015        | 2,852,101,583        | 4  |
| 337,710            | 136,262        | 754,036,698          | 2,671,084        | 97,577,960                   | 2,278,871,511        | 1,844,051,587        | 4,221,101,063        | 5  |
| 22,940             | 7,777          | 42,081,097           | 165,924          | 5,250,485                    | 200,464,750          | 99,146,070           | 304,867,912          | 6  |
| 7,114              | 1,570          | 11,970,887           | 78,208           | 3,034,710                    | 111,193,185          | 37,935,459           | 152,123,360          | 7  |
| 13,097             | 3,407          | 22,559,242           | 138,842          | 3,305,278                    | 112,057,051          | 65,700,813           | 211,159,142          | 8  |
| 75,022             | 19,549         | 159,890,542          | 672,023          | 15,901,830                   | 294,445,065          | 341,699,478          | 652,046,313          | 9  |
| 43                 | 2              | 91,331               | 156              | 19,896                       | 138,369              | 237,709              | 395,943              | 10 |
| <b>762,854</b>     | <b>285,019</b> | <b>1,598,131,879</b> | <b>6,415,831</b> | <b>225,951,375</b>           | <b>1,690,493,081</b> | <b>3,816,413,541</b> | <b>8,732,860,999</b> |    |
| 57,854             | 35,120         | 110,808,679          | 414,933          | 17,179,167                   | 635,042,582          | 410,340,183          | 1,062,561,932        | 1  |
| 49,415             | 21,429         | 84,780,552           | 179,322          | 9,604,872                    | 750,435,541          | 211,149,715          | 971,190,128          | 2  |
| 52,733             | 86,379         | 147,414,835          | 266,834          | 10,280,535                   | 446,136,675          | 334,242,717          | 790,659,927          | 3  |
| 124,277            | 29,053         | 196,808,367          | 2,760,491        | 45,327,307                   | 447,399,054          | 508,835,982          | 1,001,563,243        | 4  |
| 330,763            | 53,817         | 727,907,883          | 1,209,202        | 47,350,427                   | 1,131,858,008        | 1,396,768,112        | 2,575,976,547        | 5  |
| 68,147             | 24,676         | 150,789,216          | 701,970          | 50,100,572                   | 1,165,288,585        | 369,005,912          | 1,934,390,379        | 6  |
| 22,716             | 2,014          | 41,355,327           | 314,221          | 27,114,547                   | 215,130,225          | 146,460,170          | 388,713,942          | 7  |
| 45,338             | 29,708         | 111,585,351          | 525,702          | 17,652,671                   | 368,111,343          | 379,453,873          | 705,217,887          | 8  |
| 11,611             | 7,833          | 26,885,669           | 37,096           | 1,344,277                    | 81,055,860           | 60,156,877           | 142,587,014          | 9  |
| 3,537              | 559            | 5,304,958            | 5,909            | 757,384                      | 13,742,105           | 26,514,280           | 41,013,775           | 1  |
| 3,968              | 6,764          | 9,988,145            | 25,650           | 1,081,470                    | 39,346,522           | 39,833,554           | 80,261,546           | 2  |
| 16,082             | 6,370          | 26,737,540           | 10,721           | 3,951,112                    | 56,051,269           | 59,543,244           | 120,445,025          | 3  |
| 4,556              | 363            | 8,257,811            | 26,356           | 1,246,925                    | 15,918,326           | 52,403,557           | 69,658,808           | 4  |
| 1,277              | 809            | 2,694,071            | 10,859           | 1,031,114                    | 15,038,821           | 18,076,155           | 34,146,090           | 5  |
| 4,691              | 254            | 6,639,981            | 131,522          | 1,912,200                    | 169,488,522          | 29,726,569           | 201,127,201          | 6  |
| 4,493              | 322            | 1,191,347            | 6,640            | 264,354                      | 6,350,264            | 7,457,569            | 14,072,197           | 7  |
| 1,410              | 88             | 1,989,766            | 15,377           | 351,434                      | 33,041,989           | 7,201,290            | 40,694,703           | 8  |
| 1,552              | 2,234          | 3,673,273            | 12,037           | 521,416                      | 50,194,167           | 22,092,845           | 72,798,428           | 9  |
| 4,990              | 5,113          | 9,192,110            | 27,644           | 1,365,602                    | 44,564,481           | 26,298,014           | 72,228,697           | 10 |
| 35                 | 57             | 98,050               | 52               | 23,591                       | 283,269              | 391,780              | 608,789              | 11 |
| 254                | 245            | 496,290              | 1,994            | 104,797                      | 1,736,082            | 1,324,838            | 3,165,717            | 12 |
| 330                | 10             | 616,136              | 6,073            | 475,359                      | 7,542,967            | 3,985,832            | 12,004,149           | 13 |
| 8,681              | 4,469          | 19,570,331           | 83,052           | 1,908,247                    | 68,297,492           | 59,952,041           | 130,157,780          | 14 |
| 673                | 145            | 1,088,500            | 4,944            | 463,164                      | 8,197,669            | 3,224,088            | 11,884,918           | 15 |
| 1,537              | 313            | 2,884,197            | 25,427           | 1,191,889                    | 38,618,892           | 11,429,028           | 51,296,794           | 16 |
| 2,350              | 6,129          | 7,987,208            | 3,864            | 262,220                      | 31,476,712           | 32,353,003           | 64,093,956           | 17 |
| 718                | 758            | 1,412,976            | 959              | 74,642                       | 21,023,500           | 3,228,516            | 24,326,718           | 18 |
| 311                | 5              | 437,081              | 4,502            | 114,341                      | 7,609,395            | 1,764,887            | 9,488,624            | 19 |
| 347                | 115            | 558,830              | 1,364            | 72,001                       | 2,403,109            | 2,794,035            | 5,269,145            | 20 |
| 59                 | .....          | 80,488               | 862              | 5,837                        | 3,217,029            | 664,462              | 3,887,328            | 21 |
| <b>57,854</b>      | <b>35,120</b>  | <b>110,808,679</b>   | <b>414,933</b>   | <b>17,179,167</b>            | <b>635,042,582</b>   | <b>410,340,183</b>   | <b>1,062,561,932</b> |    |
| 88                 | .....          | 135,446              | 797              | 60,340                       | 500,157              | 374,390              | 934,887              | 1  |
| 194                | 50             | 298,317              | 302              | 19,763                       | 1,272,048            | 721,062              | 2,012,873            | 2  |
| 453                | 202            | 681,953              | 3,644            | 106,283                      | 1,419,334            | 1,709,838            | 3,235,455            | 3  |
| 8,967              | 7,488          | 16,838,433           | 8,908            | 398,810                      | 42,648,779           | 32,536,365           | 75,583,054           | 4  |
| 11,748             | 1,613          | 10,745,181           | 50,165           | 3,570,718                    | 166,881,687          | 45,318,999           | 215,771,404          | 5  |
| 285                | 417            | 758,837              | 1,463            | 63,207                       | 13,745,245           | 4,527,909            | 18,336,361           | 6  |
| 960                | 136            | 1,207,477            | 7,290            | 731,659                      | 21,448,238           | 5,891,919            | 28,971,816           | 7  |
| 309                | 95             | 501,422              | 2,853            | 119,923                      | 2,600,923            | 2,525,581            | 5,240,427            | 8  |
| 5,526              | 2,025          | 7,585,018            | 21,766           | 850,145                      | 43,366,785           | 20,588,939           | 64,894,969           | 9  |
| 693                | 290            | 1,135,327            | 2,210            | 64,785                       | 588,801              | 2,208,185            | 2,940,771            | 10 |
| 1,874              | 1,641          | 4,659,347            | 8,814            | 115,030                      | 26,486,962           | 12,529,622           | 39,131,614           | 11 |
| 825                | 1,585          | 2,147,865            | 425              | 38,284                       | 4,590,836            | 3,919,807            | 8,548,987            | 12 |
| 176                | 53             | 214,352              | 114              | 8,329                        | 589,611              | 455,886              | 1,053,826            | 13 |
| 3,653              | 451            | 5,713,432            | 17,492           | 810,557                      | 28,786,142           | 15,176,348           | 44,773,047           | 14 |
| 1,845              | 2,099          | 3,688,434            | 2,198            | 98,797                       | 9,674,884            | 8,086,643            | 18,760,294           | 15 |
| 244                | 85             | 383,011              | 685              | 65,152                       | 3,552,310            | 1,128,398            | 4,745,896            | 16 |
| 11,637             | 3,199          | 22,005,654           | 58,136           | 2,483,120                    | 382,294,793          | 52,460,664           | 437,228,577          | 17 |
| <b>49,415</b>      | <b>21,429</b>  | <b>84,789,552</b>    | <b>179,322</b>   | <b>9,604,872</b>             | <b>750,435,541</b>   | <b>211,149,715</b>   | <b>971,190,128</b>   |    |

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

|  | Industry and Group                        | Establishments<br>No. | Capital Employed<br>\$ | Employees on Salaries |               |                   |
|--|---|-----------------------|------------------------|-----------------------|---------------|-------------------|
|  |   |                       |                        | Male<br>No.           | Female<br>No. | Salaries          |
|  |   |                       |                        |                       |               | \$                |
| <b>3.—Textiles and Textile Products—</b> |   |                       |                        |                       |               |                   |
| 1  | Awnings, tents and sails                  | 77                    | 4,110,935              | 196                   | 79            | 533,852           |
| 2  | Bags, cotton and jute                     | 30                    | 9,899,757              | 110                   | 61            | 495,402           |
| 3  | Batting and wadding                       | 4                     | 1,477,355              | 35                    | 11            | 132,902           |
| 4  | Carpets, mats and rugs                    | 17                    | 7,504,095              | 134                   | 72            | 505,043           |
| 5  | Clothing, men's factory                   | 410                   | 60,916,655             | 2,774                 | 1,277         | 9,371,388         |
| 6  | Clothing, women's factory                 | 781                   | 44,299,242             | 2,736                 | 1,552         | 9,614,045         |
| 7  | Clothing contractors, men's               | 106                   | 936,176                | 173                   | 27            | 361,376           |
| 8  | Clothing contractors, women's             | 61                    | 458,423                | 83                    | 27            | 221,459           |
| 9  | Cordage, rope and twine                   | 11                    | 13,532,590             | 101                   | 49            | 411,100           |
| 10                                       | Cussets                                   | 27                    | 4,776,317              | 204                   | 282           | 935,756           |
| 11                                       | Cotton and wool waste                     | 25                    | 1,861,763              | 62                    | 30            | 259,113           |
| 12                                       | Cotton textiles, miscellaneous            | 81                    | 4,481,545              | 215                   | 108           | 649,316           |
| 13                                       | Cotton thread                             | 7                     | 4,284,795              | 114                   | 72            | 390,748           |
| 14                                       | Cotton yarn and cloth                     | 40                    | 85,090,925             | 666                   | 510           | 3,019,462         |
| 15                                       | Dyeing and finishing of textiles          | 40                    | 7,897,269              | 214                   | 113           | 866,066           |
| 16                                       | Flax, fibre                               | 41                    | 2,467,138              | 67                    | 5             | 140,312           |
| 17                                       | Gloves and mittens, fabric                | 14                    | 705,855                | 45                    | 26            | 106,015           |
| 18                                       | Hats and caps                             | 167                   | 9,583,006              | 650                   | 324           | 2,189,272         |
| 19                                       | Hosiery and knitted goods                 | 191                   | 58,023,438             | 1,393                 | 917           | 5,053,371         |
| 20                                       | Miscellaneous textiles                    | 19                    | 15,750,343             | 279                   | 167           | 1,234,207         |
| 21                                       | Narrow fabrics, laces, etc.               | 38                    | 7,628,076              | 256                   | 213           | 1,028,107         |
| 22                                       | Oiled and waterproofed clothing           | 11                    | 1,561,621              | 47                    | 24            | 169,924           |
| 23                                       | Silk and artificial silk                  | 33                    | 50,361,261             | 661                   | 436           | 2,666,842         |
| 24                                       | Woolen cloth                              | 73                    | 29,598,069             | 479                   | 303           | 2,064,278         |
| 25                                       | Woolen goods, miscellaneous               | 35                    | 12,980,371             | 159                   | 85            | 734,466           |
| 26                                       | Woolen yarn                               | 43                    | 14,359,917             | 220                   | 116           | 712,470           |
| 27                                       | All other industries                      | 2                     | 517,292                | 5                     | 2             | 14,701            |
| <b>Totals, Textiles and Products</b>     |   | <b>2,384</b>          | <b>455,656,629</b>     | <b>11,987</b>         | <b>6,888</b>  | <b>43,890,793</b> |
| <b>4.—Wood and Paper Products—</b>       |   |                       |                        |                       |               |                   |
| 1  | Beekeepers' and poultrymen's supplies     | 9                     | 276,572                | 10                    | 9             | 23,710            |
| 2  | Blueprinting                              | 25                    | 374,304                | 35                    | 18            | 110,067           |
| 3  | Boat building                             | 98                    | 2,289,804              | 134                   | 30            | 226,769           |
| 4  | Boxes and bags, paper                     | 155                   | 28,216,082             | 878                   | 563           | 3,343,532         |
| 5  | Boxes, wooden                             | 164                   | 12,604,915             | 432                   | 166           | 1,134,210         |
| 6  | Carrriages, wagons and sleighs            | 57                    | 918,939                | 88                    | 12            | 117,292           |
| 7  | Coffins and caskets                       | 56                    | 4,318,971              | 144                   | 43            | 357,317           |
| 8  | Cooperage                                 | 56                    | 2,127,128              | 81                    | 25            | 152,695           |
| 9  | Engraving, stereotyping and electrotyping | 104                   | 9,080,378              | 504                   | 257           | 1,835,344         |
| 10                                       | Excelsior                                 | 9                     | 303,383                | 15                    | 7             | 32,450            |
| 11                                       | Flooring, hardwood                        | 21                    | 4,780,878              | 90                    | 44            | 312,931           |
| 12                                       | Furniture                                 | 449                   | 32,174,700             | 1,307                 | 477           | 3,634,325         |
| 13                                       | Laths, trees and shoe findings            | 17                    | 1,490,590              | 75                    | 45            | 204,162           |
| 14                                       | Lithographing                             | 42                    | 13,236,554             | 427                   | 292           | 1,978,652         |
| 15                                       | Miscellaneous paper products              | 170                   | 29,511,735             | 819                   | 533           | 3,112,805         |
| 16                                       | Miscellaneous wooden products             | 193                   | 7,610,979              | 331                   | 136           | 905,577           |
| 17                                       | Planing mills, sash and door factories    | 827                   | 42,184,892             | 1,611                 | 446           | 3,525,505         |
| 18                                       | Printing and bookbinding                  | 1,328                 | 48,615,815             | 2,936                 | 1,234         | 7,793,465         |
| 19                                       | Printing and publishing                   | 771                   | 57,723,311             | 5,599                 | 3,150         | 15,209,561        |
| 20                                       | Pulp and paper                            | 106                   | 667,458,143            | 3,972                 | 1,412         | 14,663,655        |
| 21                                       | Refrigerators, other than electric        | 14                    | 776,682                | 34                    | 15            | 100,417           |
| 22                                       | Roofing paper, etc.                       | 17                    | 5,493,441              | 211                   | 135           | 841,253           |
| 23                                       | Sawmills                                  | 5,140                 | 115,273,788            | 6,648                 | 564           | 7,139,172         |
| 24                                       | Trade composition                         | 36                    | 1,189,197              | 63                    | 27            | 188,716           |
| 25                                       | Woodenware                                | 18                    | 1,095,672              | 34                    | 13            | 79,389            |
| 26                                       | Wood turning                              | 63                    | 3,760,138              | 131                   | 48            | 307,971           |
| 27                                       | All other industries                      | 29                    | 11,095,109             | 158                   | 67            | 704,577           |
| <b>Totals, Wood and Paper Products</b>   |   | <b>9,974</b>          | <b>1,103,984,216</b>   | <b>26,767</b>         | <b>9,768</b>  | <b>68,636,425</b> |
| <b>5.—Iron and Its Products—</b>         |   |                       |                        |                       |               |                   |
| 1  | Agricultural implements                   | 37                    | 61,820,335             | 1,204                 | 715           | 3,734,420         |
| 2  | Aircraft                                  | 45                    | 228,616,099            | 5,302                 | 4,632         | 15,346,887        |
| 3  | Automobiles                               | 5                     | 139,610,450            | 2,145                 | 1,219         | 8,426,267         |
| 4  | Automobile supplies                       | 101                   | 78,194,016             | 1,455                 | 1,012         | 5,396,823         |
| 5  | Bicycles                                  | 8                     | 4,064,999              | 68                    | 51            | 1,522,311         |
| 6  | Boilers, tanks and plate work             | 38                    | 25,122,738             | 698                   | 336           | 2,446,482         |
| 7  | Bridge and structural steel               | 22                    | 39,458,775             | 980                   | 369           | 3,479,351         |
| 8  | Castings, iron                            | 198                   | 60,193,907             | 1,065                 | 562           | 3,607,731         |
| 9  | Hardware and tools                        | 241                   | 62,873,901             | 1,477                 | 1,181         | 6,153,810         |
| 10                                       | Heating and cooking apparatus             | 72                    | 20,176,358             | 622                   | 350           | 2,077,557         |
| 11                                       | Iron and steel products, miscellaneous    | 161                   | 276,501,433            | 3,764                 | 2,299         | 13,092,925        |
| 12                                       | Machinery                                 | 256                   | 123,621,515            | 3,186                 | 1,917         | 10,905,591        |
| 13                                       | Machine shops                             | 405                   | 15,820,936             | 953                   | 325           | 2,529,538         |
| 14                                       | Primary iron and steel                    | 63                    | 235,386,238            | 1,734                 | 953           | 6,263,681         |

Materials, and Values of Products of Canadian Manufacturing Industries, 1943—con.

| Employees on Wages |               |                    | Power Installed<br>h.p. | Cost of Fuel and Electricity<br>\$ | Cost of Materials<br>\$ | Value of Products  |                      |    |
|--------------------|---------------|--------------------|-------------------------|------------------------------------|-------------------------|--------------------|----------------------|----|
| Male               | Female        | Wages              |                         |                                    |                         | Net                | Gross                |    |
| No.                | No.           | \$                 |                         |                                    |                         | \$                 | \$                   |    |
| 565                | 1,029         | 1,614,098          | 544                     | 43,925                             | 7,279,923               | 3,799,846          | 11,073,694           | 1  |
| 279                | 968           | 1,178,850          | 1,628                   | 67,882                             | 19,822,334              | 4,195,192          | 24,085,408           | 2  |
| 168                | 96            | 300,993            | 1,712                   | 43,075                             | 1,687,955               | 1,121,459          | 2,852,489            | 3  |
| 497                | 464           | 1,193,074          | 3,117                   | 121,940                            | 2,553,349               | 3,088,636          | 5,763,925            | 4  |
| 7,355              | 19,479        | 27,895,687         | 5,512                   | 463,079                            | 91,554,837              | 57,782,196         | 149,800,112          | 5  |
| 4,657              | 16,807        | 22,771,432         | 3,126                   | 301,546                            | 69,264,831              | 55,271,412         | 124,837,789          | 6  |
| 833                | 1,558         | 2,519,521          | 2,888                   | 58,088                             | 212,513                 | 3,432,004          | 3,792,605            | 7  |
| 169                | 892           | 1,094,426          | 136                     | 16,444                             | 61,297                  | 1,626,646          | 1,704,387            | 8  |
| 798                | 583           | 1,808,698          | 8,376                   | 153,051                            | 8,197,636               | 4,309,242          | 12,650,931           | 9  |
| 139                | 1,505         | 1,309,058          | 570                     | 26,875                             | 2,891,021               | 2,914,043          | 7,132,539            | 10 |
| 190                | 171           | 411,491            | 1,047                   | 59,791                             | 3,770,209               | 1,338,393          | 5,168,303            | 11 |
| 282                | 1,213         | 1,235,406          | 733                     | 33,032                             | 5,294,156               | 3,449,441          | 8,686,629            | 12 |
| 182                | 602           | 738,859            | 2,466                   | 98,714                             | 3,345,189               | 2,888,622          | 6,332,525            | 13 |
| 12,057             | 10,293        | 25,196,740         | 113,097                 | 3,005,541                          | 80,663,200              | 43,121,017         | 129,879,874          | 14 |
| 1,003              | 326           | 1,579,704          | 4,984                   | 517,124                            | 2,981,932               | 5,599,861          | 9,008,917            | 15 |
| 897                | 18            | 788,707            | 2,996                   | 54,058                             | 54,058                  | 3,437,298          | 3,401,296            | 16 |
| 74                 | 466           | 403,973            | 248                     | 9,174                              | 997,060                 | 915,838            | 1,852,072            | 17 |
| 1,682              | 2,658         | 4,683,644          | 2,632                   | 182,290                            | 10,921,710              | 10,962,150         | 22,066,150           | 18 |
| 6,086              | 14,038        | 18,796,615         | 22,988                  | 1,171,847                          | 38,532,495              | 40,504,777         | 80,209,129           | 19 |
| 1,274              | 778           | 2,946,920          | 9,160                   | 315,130                            | 10,681,139              | 13,325,047         | 21,321,306           | 20 |
| 857                | 1,608         | 2,549,264          | 2,278                   | 106,552                            | 7,257,795               | 8,067,921          | 15,431,308           | 21 |
| 202                | 550           | 882,610            | 273                     | 24,250                             | 3,175,467               | 1,718,206          | 4,971,923            | 22 |
| 5,600              | 4,223         | 11,047,316         | 38,079                  | 1,709,918                          | 19,454,469              | 29,275,791         | 50,440,088           | 23 |
| 4,239              | 3,673         | 9,075,309          | 19,531                  | 1,013,492                          | 31,434,044              | 20,776,418         | 53,221,954           | 24 |
| 1,351              | 4,671         | 2,280,140          | 11,490                  | 280,120                            | 11,126,574              | 5,893,707          | 17,390,401           | 25 |
| 1,275              | 1,777         | 3,049,059          | 9,851                   | 307,836                            | 12,773,403              | 7,125,410          | 20,206,649           | 26 |
| 22                 | 63            | 79,221             | 166                     | 5,659                              | 382,047                 | 171,698            | 559,404              | 27 |
| <b>52,733</b>      | <b>86,379</b> | <b>147,414,835</b> | <b>266,834</b>          | <b>10,280,535</b>                  | <b>446,136,675</b>      | <b>334,242,717</b> | <b>780,679,927</b>   |    |
| 36                 | 2             | 35,291             | 356                     | 6,186                              | 160,452                 | 248,375            | 415,013              | 1  |
| 83                 | 33            | 125,668            | 81                      | 11,361                             | 174,268                 | 457,713            | 643,342              | 2  |
| 628                | 49            | 914,807            | 2,214                   | 40,668                             | 1,708,157               | 1,818,731          | 3,587,556            | 3  |
| 3,883              | 4,719         | 8,768,242          | 12,272                  | 466,583                            | 30,492,491              | 22,996,602         | 53,865,676           | 4  |
| 4,674              | 4,929         | 6,110,841          | 18,764                  | 343,160                            | 12,376,958              | 10,822,682         | 23,542,800           | 5  |
| 246                | 1             | 278,568            | 1,338                   | 37,606                             | 455,115                 | 558,764            | 1,051,485            | 6  |
| 742                | 159           | 927,438            | 2,379                   | 66,155                             | 1,577,752               | 2,234,490          | 3,578,397            | 7  |
| 668                | 27            | 855,916            | 2,884                   | 59,404                             | 2,651,493               | 1,583,692          | 4,294,499            | 8  |
| 1,464              | 621           | 3,898,138          | 3,002                   | 126,292                            | 1,954,901               | 8,324,625          | 10,495,728           | 9  |
| 92                 | 23            | 111,520            | 885                     | 15,508                             | 151,231                 | 238,099            | 494,838              | 10 |
| 1,182              | 67            | 1,447,121          | 6,814                   | 141,393                            | 4,023,952               | 3,466,570          | 7,671,915            | 11 |
| 9,378              | 1,678         | 14,289,491         | 26,174                  | 741,242                            | 19,062,790              | 27,301,493         | 47,107,525           | 12 |
| 456                | 248           | 694,889            | 1,975                   | 39,194                             | 888,047                 | 1,125,961          | 2,053,202            | 13 |
| 1,431              | 882           | 3,232,807          | 2,984                   | 113,137                            | 5,974,949               | 8,113,027          | 14,291,113           | 14 |
| 2,501              | 2,598         | 5,735,296          | 12,198                  | 469,438                            | 27,192,425              | 20,747,351         | 48,409,214           | 15 |
| 2,104              | 893           | 3,361,952          | 7,876                   | 216,134                            | 4,884,538               | 6,790,846          | 11,891,518           | 16 |
| 9,986              | 1,374         | 13,643,433         | 65,630                  | 895,402                            | 34,864,939              | 27,658,085         | 63,418,429           | 17 |
| 6,714              | 4,060         | 13,431,838         | 15,991                  | 606,135                            | 20,280,797              | 33,217,585         | 51,194,517           | 18 |
| 7,570              | 1,644         | 14,514,898         | 29,179                  | 990,130                            | 16,268,501              | 58,785,598         | 76,051,247           | 19 |
| 30,507             | 1,120         | 56,535,797         | 2,081,573               | 36,211,064                         | 143,956,462             | 165,485,944        | 345,653,470          | 20 |
| 273                | 35            | 378,070            | 594                     | 17,177                             | 600,199                 | 773,314            | 1,390,600            | 21 |
| 598                | 154           | 1,030,796          | 3,005                   | 209,677                            | 5,030,933               | 5,368,153          | 10,698,763           | 22 |
| 35,409             | 1,273         | 42,425,131         | 454,451                 | 3,149,576                          | 101,021,970             | 91,714,000         | 195,885,336          | 23 |
| 233                | 9             | 413,300            | 124                     | 17,156                             | 76,389                  | 868,072            | 961,617              | 24 |
| 583                | 162           | 701,953            | 2,619                   | 21,659                             | 772,733                 | 1,057,848          | 1,852,240            | 25 |
| 1,176              | 232           | 1,345,850          | 4,941                   | 73,731                             | 1,808,946               | 2,602,658          | 4,485,335            | 26 |
| 1,020              | 142           | 1,598,296          | 6,276                   | 242,229                            | 8,978,776               | 6,732,798          | 13,694,891           | 27 |
| <b>124,277</b>     | <b>23,073</b> | <b>193,898,367</b> | <b>2,765,491</b>        | <b>15,327,397</b>                  | <b>417,393,954</b>      | <b>508,835,982</b> | <b>1,001,561,241</b> |    |
| 10,297             | 1,819         | 20,863,460         | 31,302                  | 1,210,780                          | 25,213,399              | 30,528,390         | 56,952,569           | 1  |
| 44,420             | 15,175        | 111,479,821        | 35,203                  | 1,749,421                          | 60,448,010              | 183,831,155        | 246,028,586          | 2  |
| 20,890             | 271           | 49,142,998         | 92,219                  | 2,297,727                          | 248,652,602             | 101,340,623        | 352,229,955          | 3  |
| 14,748             | 4,416         | 34,931,744         | 69,052                  | 2,201,570                          | 89,986,643              | 82,884,776         | 175,074,983          | 4  |
| 515                | 104           | 1,290,499          | 2,333                   | 77,470                             | 1,543,280               | 1,748,290          | 3,309,010            | 5  |
| 4,225              | 210           | 8,640,089          | 19,075                  | 547,891                            | 16,270,970              | 20,547,071         | 37,365,939           | 6  |
| 9,228              | 497           | 19,696,521         | 37,671                  | 1,005,517                          | 24,014,652              | 47,495,696         | 72,515,834           | 7  |
| 13,484             | 802           | 25,120,125         | 60,074                  | 2,414,611                          | 28,677,705              | 46,388,833         | 75,479,128           | 8  |
| 12,686             | 3,884         | 27,098,277         | 33,336                  | 1,347,034                          | 24,233,712              | 65,715,287         | 91,296,033           | 9  |
| 4,936              | 418           | 8,041,547          | 12,441                  | 519,943                            | 10,382,209              | 16,723,729         | 27,645,874           | 10 |
| 28,999             | 13,595        | 82,717,380         | 127,511                 | 3,294,764                          | 181,658,309             | 179,745,001        | 364,698,074          | 11 |
| 20,740             | 2,396         | 41,912,453         | 80,686                  | 1,799,257                          | 48,685,814              | 101,874,475        | 152,359,576          | 12 |
| 4,956              | 376           | 8,865,464          | 11,004                  | 366,569                            | 4,649,965               | 18,234,599         | 23,251,034           | 13 |
| 30,032             | 1,501         | 59,390,887         | 303,570                 | 18,985,135                         | 101,413,794             | 103,552,130        | 223,951,059          | 14 |

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

|   | Industry and Group                           | Establishments<br>No. | Capital<br>Employed<br>\$ | Employees on Salaries |               |                    |
|---|--|-----------------------|---------------------------|-----------------------|---------------|--------------------|
|   |  |                       |                           | Male<br>No.           | Female<br>No. | Salaries<br>\$     |
| <b>5.—Iron and Its Products—concluded</b> |  |                       |                           |                       |               |                    |
| 15  | Railway rolling stock                        | 34                    | 125,160,005               | 1,870                 | 389           | 5,118,819          |
| 16  | Sheet metal products                         | 191                   | 77,846,582                | 1,365                 | 897           | 4,712,927          |
| 17  | Shipbuilding and repairs                     | 87                    | 241,992,825               | 3,568                 | 1,776         | 10,054,058         |
| 18  | Wire and wire goods                          | 80                    | 36,044,940                | 498                   | 317           | 1,977,603          |
|   | <b>Totals, Iron and Its Products</b>         | <b>2,044</b>          | <b>1,852,506,032</b>      | <b>31,852</b>         | <b>19,312</b> | <b>165,475,901</b> |
| <b>6.—Non-ferrous Metal Products—</b>     |  |                       |                           |                       |               |                    |
| 1   | Aluminum products                            | 17                    | 19,180,869                | 389                   | 316           | 1,194,325          |
| 2   | Brass and copper products                    | 158                   | 73,747,578                | 1,387                 | 761           | 5,100,651          |
| 3   | Electrical apparatus and supplies            | 223                   | 161,290,825               | 5,497                 | 3,616         | 19,509,958         |
| 4   | Jewellery, silverware, etc.                  | 124                   | 13,924,608                | 456                   | 305           | 1,795,267          |
| 5   | Miscellaneous non-ferrous metal products     | 23                    | 3,691,479                 | 80                    | 74            | 377,408            |
| 6   | Non-ferrous metal smelting and refining      | 16                    | 392,217,159               | 2,456                 | 919           | 7,160,200          |
| 7   | White metal alloys                           | 36                    | 10,779,884                | 256                   | 187           | 948,184            |
|   | <b>Totals, Non-ferrous Metal Products</b>    | <b>597</b>            | <b>674,902,402</b>        | <b>10,521</b>         | <b>6,178</b>  | <b>36,085,180</b>  |
| <b>7.—Non-metallic Mineral Products—</b>  |  |                       |                           |                       |               |                    |
| 1   | Abrasive products                            | 15                    | 13,172,836                | 257                   | 229           | 1,083,113          |
| 2   | Asbestos products                            | 13                    | 5,798,080                 | 95                    | 36            | 293,318            |
| 3   | Cement                                       | 8                     | 59,438,932                | 75                    | 16            | 215,137            |
| 4   | Cement products                              | 140                   | 4,442,971                 | 221                   | 45            | 469,687            |
| 5   | Clay products from domestic clay             | 105                   | 17,162,747                | 190                   | 58            | 570,800            |
| 6   | Clay products from imported clay             | 24                    | 5,542,318                 | 121                   | 65            | 423,659            |
| 7   | Coke and gas products                        | 33                    | 109,465,222               | 813                   | 375           | 2,290,284          |
| 8   | Glass products                               | 91                    | 21,412,222                | 385                   | 217           | 1,397,584          |
| 9   | Gypsum products                              | 9                     | 4,092,304                 | 39                    | 12            | 97,405             |
| 10  | Lime   | 45                    | 4,607,651                 | 78                    | 21            | 168,629            |
| 11  | Miscellaneous non-metallic mineral products  | 48                    | 15,637,818                | 198                   | 86            | 839,498            |
| 12  | Petroleum products                           | 52                    | 90,196,659                | 1,006                 | 342           | 3,524,801          |
| 13  | Salt   | 9                     | 5,490,504                 | 82                    | 53            | 366,555            |
| 14  | Sand-lime brick                              | 4                     | 358,158                   | 10                    | .....         | 25,355             |
| 15  | Stone, monumental and ornamental             | 151                   | 3,245,642                 | 211                   | 28            | 371,688            |
|   | <b>Totals, Non-metallic Mineral Products</b> | <b>747</b>            | <b>351,161,254</b>        | <b>3,781</b>          | <b>1,583</b>  | <b>11,927,913</b>  |
| <b>8.—Chemicals and Allied Products—</b>  |  |                       |                           |                       |               |                    |
| 1   | Acids, nitrates and salts                    | 38                    | 102,927,307               | 1,086                 | 388           | 3,519,362          |
| 2   | Adhesives                                    | 22                    | 4,088,819                 | 129                   | 53            | 418,465            |
| 3   | Coal tar distillation                        | 10                    | 5,087,610                 | 77                    | 23            | 254,427            |
| 4   | Fertilizers                                  | 26                    | 17,913,098                | 281                   | 129           | 995,264            |
| 5   | Gases, compressed                            | 38                    | 7,519,123                 | 199                   | 247           | 776,314            |
| 6   | Inks, printing and writing                   | 32                    | 3,041,328                 | 152                   | 89            | 749,447            |
| 7   | Medicinal and pharmaceutical preparations    | 205                   | 41,791,686                | 1,674                 | 1,594         | 5,744,243          |
| 8   | Miscellaneous chemical products              | 200                   | 605,359,005               | 4,424                 | 2,579         | 13,594,284         |
| 9   | Paints, pigments and varnishes               | 96                    | 33,330,845                | 1,145                 | 767           | 4,329,273          |
| 10  | Polishes and dressings                       | 52                    | 3,793,548                 | 158                   | 115           | 492,760            |
| 11  | Soaps, washing compounds, etc.               | 134                   | 22,765,347                | 800                   | 429           | 2,840,746          |
| 12  | Toilet preparations                          | 86                    | 9,980,810                 | 293                   | 335           | 1,344,790          |
| 13  | Wood distillation                            | 6                     | 1,937,425                 | 14                    | 4             | 32,468             |
|   | <b>Totals, Chemicals and Allied Products</b> | <b>945</b>            | <b>759,864,951</b>        | <b>10,430</b>         | <b>6,722</b>  | <b>35,091,848</b>  |
| <b>9.—Miscellaneous Industries—</b>       |  |                       |                           |                       |               |                    |
| 1   | Artificial flowers and feathers              | 26                    | 750,517                   | 52                    | 34            | 156,185            |
| 2   | Automobile accessories, fabric               | 9                     | 1,522,402                 | 78                    | 39            | 280,553            |
| 3   | Brooms, brushes and mops                     | 85                    | 6,155,907                 | 301                   | 147           | 801,422            |
| 4   | Buttons                                      | 25                    | 2,353,642                 | 117                   | 40            | 373,404            |
| 5   | Candles                                      | 12                    | 989,423                   | 51                    | 21            | 137,282            |
| 6   | Fountain pens and pencils                    | 11                    | 3,429,912                 | 114                   | 116           | 490,481            |
| 7   | Ice, artificial                              | 53                    | 4,529,794                 | 94                    | 38            | 230,911            |
| 8   | Jewellery cases and silverware cabinets      | 4                     | 472,695                   | 19                    | 20            | 68,336             |
| 9   | Lamps, electric and lamp shades              | 24                    | 799,121                   | 66                    | 20            | 210,362            |
| 10  | Mattresses and springs                       | 76                    | 10,080,510                | 341                   | 144           | 1,248,185          |
| 11  | Miscellaneous, including carpet sweepers     | 6                     | 161,615                   | 10                    | 5             | 26,171             |
| 12  | Motion pictures                              | 5                     | 1,042,955                 | 299                   | 102           | 973,441            |
| 13  | Musical instruments                          | 25                    | 3,365,348                 | 108                   | 38            | 283,690            |
| 14  | Pipes, tobacco                               | 5                     | 74,690                    | 7                     | .....         | 9,691              |
| 15  | Regalia and society emblems                  | 12                    | 155,114                   | 13                    | 8             | 29,680             |
| 16  | Scientific and professional equipment        | 46                    | 63,633,603                | 1,512                 | 1,010         | 4,804,517          |
| 17  | Signs, electric, neon and other              | 31                    | 2,703,325                 | 98                    | 39            | 292,847            |
| 18  | Sporting goods                               | 34                    | 3,161,913                 | 129                   | 56            | 322,344            |
| 19  | Stamps and stencils, rubber and metal        | 43                    | 1,035,442                 | 91                    | 44            | 250,127            |
| 20  | Statuary, art goods and novelties            | 65                    | 1,093,961                 | 94                    | 40            | 238,201            |
| 21  | Store display accessories                    | 9                     | 156,781                   | 18                    | 7             | 38,806             |
| 22  | Toys   | 45                    | 1,200,220                 | 83                    | 48            | 217,455            |
| 23  | Typewriter supplies                          | 8                     | 1,404,799                 | 55                    | 30            | 268,122            |
| 24  | Umbrellas                                    | 6                     | 329,959                   | 20                    | 11            | 87,448             |
|   | <b>Totals, Miscellaneous Industries</b>      | <b>668</b>            | <b>110,684,657</b>        | <b>3,770</b>          | <b>2,174</b>  | <b>11,837,721</b>  |
|   | <b>Grand Totals, all Industries</b>          | <b>27,632</b>         | <b>6,317,166,727</b>      | <b>128,679</b>        | <b>61,516</b> | <b>388,857,595</b> |



Materials, and Values of Products of Canadian Manufacturing Industries, 1943—con.

| Employees on Wages |                |                      | Power Installed<br>h.p. | Cost of Fuel and Electricity<br>\$ | Cost of Materials<br>\$ | Value of Products    |                      |    |
|--------------------|----------------|----------------------|-------------------------|------------------------------------|-------------------------|----------------------|----------------------|----|
| Male               | Female         | Wages                |                         |                                    |                         | Net                  | Gross                |    |
| No.                | No.            | \$                   |                         |                                    |                         | \$                   | \$                   |    |
| 27,649             | 577            | 54,323,860           | 130,456                 | 4,097,840                          | 83,069,419              | 72,079,328           | 150,156,587          | 15 |
| 10,746             | 3,947          | 21,865,881           | 27,469                  | 1,240,412                          | 48,922,922              | 46,760,057           | 96,923,991           | 16 |
| 68,153             | 2,359          | 143,541,278          | 113,759                 | 3,428,518                          | 123,317,336             | 249,815,120          | 376,560,974          | 17 |
| 4,319              | 1,540          | 9,015,708            | 22,041                  | 903,977                            | 12,717,237              | 27,496,094           | 41,117,308           | 18 |
| <b>330,763</b>     | <b>53,817</b>  | <b>727,907,883</b>   | <b>1,209,202</b>        | <b>47,350,427</b>                  | <b>1,131,858,008</b>    | <b>1,396,768,112</b> | <b>2,575,976,547</b> |    |
| 3,583              | 1,449          | 7,599,498            | 28,034                  | 758,124                            | 15,136,675              | 17,041,486           | 32,936,285           | 1  |
| 15,719             | 4,032          | 35,630,550           | 73,169                  | 3,254,224                          | 108,330,435             | 81,403,059           | 192,987,718          | 2  |
| 22,132             | 15,683         | 57,397,936           | 103,572                 | 2,440,467                          | 109,281,060             | 134,049,332          | 245,770,859          | 3  |
| 2,080              | 1,495          | 4,721,865            | 4,658                   | 163,887                            | 11,882,521              | 11,866,959           | 23,913,367           | 4  |
| 477                | 251            | 965,772              | 1,059                   | 42,275                             | 1,906,068               | 3,388,471            | 5,336,814            | 5  |
| 22,577             | 797            | 41,331,442           | 484,572                 | 43,195,101                         | 356,251,255             | 111,857,029          | 511,213,376          | 6  |
| 1,378              | 969            | 3,172,153            | 6,966                   | 336,494                            | 12,493,881              | 9,399,685            | 22,231,960           | 7  |
| <b>68,147</b>      | <b>24,676</b>  | <b>150,789,216</b>   | <b>701,970</b>          | <b>50,100,572</b>                  | <b>615,283,895</b>      | <b>368,995,912</b>   | <b>1,034,399,379</b> |    |
| 2,542              | 308            | 5,370,656            | 13,971                  | 2,988,814                          | 11,581,923              | 22,039,191           | 36,609,928           | 1  |
| 684                | 133            | 1,103,390            | 4,250                   | 180,871                            | 2,424,245               | 2,639,922            | 5,244,788            | 2  |
| 1,091              | 27             | 1,939,081            | 96,980                  | 3,089,380                          | 2,467,709               | 7,152,763            | 12,709,852           | 3  |
| 944                | 12             | 1,285,744            | 5,018                   | 244,805                            | 2,343,350               | 3,051,105            | 5,639,260            | 4  |
| 1,718              | 207            | 2,339,541            | 21,448                  | 1,157,471                          | 104,336                 | 6,340,386            | 6,008,193            | 5  |
| 737                | 104            | 1,344,702            | 2,896                   | 332,902                            | 929,854                 | 3,122,060            | 4,385,416            | 6  |
| 3,130              | 63             | 5,665,314            | 40,563                  | 5,078,010                          | 32,434,667              | 23,387,021           | 60,949,598           | 7  |
| 3,419              | 1,667          | 6,917,107            | 17,376                  | 1,965,967                          | 9,095,016               | 15,238,556           | 26,299,338           | 8  |
| 376                | 9              | 534,807              | 4,759                   | 397,748                            | 2,707,124               | 2,402,171            | 5,417,045            | 9  |
| 797                | 2              | 1,249,764            | 9,820                   | 1,747,012                          | 177,470                 | 4,808,510            | 6,832,992            | 10 |
| 1,544              | 78             | 2,581,151            | 12,512                  | 1,023,575                          | 10,182,144              | 10,254,834           | 21,460,559           | 11 |
| 4,614              | 123            | 9,223,031            | 71,838                  | 8,240,688                          | 138,159,884             | 40,705,482           | 187,106,054          | 12 |
| 495                | 52             | 856,454              | 5,871                   | 596,252                            | 943,522                 | 3,848,854            | 5,188,628            | 13 |
| 45                 | 1              | 58,958               | 699                     | 22,025                             | 66,673                  | 124,540              | 213,247              | 14 |
| 580                | 38             | 884,727              | 6,229                   | 138,127                            | 1,521,308               | 2,438,665            | 4,198,190            | 15 |
| <b>22,716</b>      | <b>2,914</b>   | <b>41,855,327</b>    | <b>314,221</b>          | <b>27,114,517</b>                  | <b>215,139,225</b>      | <b>146,469,170</b>   | <b>388,713,912</b>   |    |
| 6,122              | 449            | 11,538,361           | 198,667                 | 8,502,717                          | 27,714,019              | 42,142,717           | 78,359,453           | 1  |
| 414                | 55             | 673,256              | 2,276                   | 211,889                            | 3,037,649               | 2,486,922            | 5,736,151            | 2  |
| 314                | 10             | 534,908              | 1,209                   | 326,448                            | 4,059,598               | 2,154,239            | 6,540,285            | 3  |
| 1,691              | 103            | 3,319,478            | 33,713                  | 1,141,339                          | 19,036,806              | 6,927,212            | 27,105,357           | 4  |
| 614                | 20             | 1,072,439            | 9,940                   | 344,136                            | 1,380,575               | 7,487,515            | 9,212,226            | 5  |
| 277                | 73             | 534,422              | 2,271                   | 41,897                             | 1,920,857               | 2,694,771            | 4,657,465            | 6  |
| 1,512              | 2,407          | 4,248,319            | 5,993                   | 352,555                            | 18,997,079              | 31,423,052           | 50,772,686           | 7  |
| 20,043             | 24,482         | 80,901,747           | 250,540                 | 5,198,468                          | 242,940,411             | 234,521,138          | 482,660,017          | 8  |
| 2,242              | 445            | 3,932,450            | 11,135                  | 510,175                            | 22,754,700              | 21,802,970           | 45,067,845           | 9  |
| 190                | 242            | 415,459              | 307                     | 30,652                             | 3,556,818               | 2,791,572            | 6,382,042            | 10 |
| 1,428              | 563            | 3,012,280            | 8,329                   | 661,730                            | 16,625,211              | 14,204,387           | 31,491,328           | 11 |
| 312                | 949            | 1,041,243            | 1,087                   | 51,749                             | 5,123,030               | 10,335,425           | 15,510,204           | 12 |
| 279                |                | 340,989              | 385                     | 278,976                            | 991,590                 | 822,262              | 1,722,828            | 13 |
| <b>45,338</b>      | <b>29,798</b>  | <b>111,585,351</b>   | <b>525,762</b>          | <b>17,652,621</b>                  | <b>368,111,343</b>      | <b>379,453,873</b>   | <b>765,217,882</b>   |    |
| 83                 | 482            | 404,783              | 362                     | 6,316                              | 522,641                 | 956,426              | 1,485,383            | 1  |
| 177                | 384            | 875,912              | 969                     | 25,982                             | 4,549,381               | 1,772,048            | 6,347,411            | 2  |
| 1,104              | 684            | 1,676,751            | 2,121                   | 81,598                             | 4,539,338               | 4,729,206            | 9,350,199            | 3  |
| 451                | 418            | 640,435              | 1,325                   | 55,163                             | 1,428,330               | 2,537,689            | 3,821,182            | 4  |
| 73                 | 58             | 130,813              | 97                      | 14,791                             | 561,683                 | 501,533              | 1,148,007            | 5  |
| 169                | 357            | 542,246              | 648                     | 30,339                             | 2,082,623               | 1,970,339            | 4,092,301            | 6  |
| 562                | 14             | 890,729              | 11,585                  | 287,119                            | 132,777                 | 2,274,298            | 2,674,294            | 7  |
| 73                 | 117            | 192,702              | 1,854                   | 7,334                              | 237,861                 | 389,084              | 634,479              | 8  |
| 158                | 230            | 342,682              | 404                     | 13,971                             | 611,338                 | 792,697              | 1,388,006            | 9  |
| 1,760              | 611            | 3,053,496            | 6,111                   | 185,051                            | 9,898,511               | 7,699,398            | 17,088,860           | 10 |
| 59                 | 27             | 33,102               | 58                      | 4,038                              | 82,334                  | 71,039               | 157,471              | 11 |
| 17                 | 35             | 146,097              | 86                      | 10,925                             | 973,905                 | 2,391,770            | 3,376,690            | 12 |
| 615                | 45             | 757,825              | 1,889                   | 67,742                             | 828,539                 | 1,344,001            | 2,240,373            | 13 |
| 30                 | 7              | 32,568               | 24                      | 1,568                              | 45,929                  | 66,480               | 113,974              | 14 |
| 15                 | 28             | 38,781               | 25                      | 845                                | 117,587                 | 122,120              | 240,552              | 15 |
| 4,700              | 2,975          | 13,935,440           | 7,974                   | 397,094                            | 48,383,410              | 24,320,313           | 73,191,627           | 16 |
| 244                | 19             | 418,794              | 179                     | 61,599                             | 289,210                 | 1,707,673            | 2,958,482            | 17 |
| 409                | 221            | 713,977              | 1,661                   | 42,923                             | 2,377,897               | 1,670,660            | 4,091,480            | 18 |
| 188                | 39             | 285,787              | 258                     | 13,217                             | 294,925                 | 897,228              | 1,115,379            | 19 |
| 234                | 401            | 495,708              | 161                     | 14,272                             | 726,281                 | 1,040,321            | 1,780,874            | 20 |
| 34                 | 13             | 40,791               | 31                      | 3,243                              | 68,135                  | 142,337              | 213,815              | 21 |
| 307                | 537            | 670,210              | 416                     | 21,279                             | 1,118,028               | 1,748,216            | 2,887,523            | 22 |
| 138                | 74             | 270,139              | 119                     | 14,558                             | 1,096,512               | 669,992              | 2,047,073            | 23 |
| 13                 | 77             | 86,504               | 73                      | 1,409                              | 231,589                 | 303,508              | 536,688              | 24 |
| <b>11,611</b>      | <b>7,833</b>   | <b>26,885,669</b>    | <b>37,096</b>           | <b>1,344,277</b>                   | <b>8,085,860</b>        | <b>60,156,827</b>    | <b>142,587,014</b>   |    |
| <b>762,854</b>     | <b>285,019</b> | <b>1,598,434,879</b> | <b>6,415,851</b>        | <b>225,934,376</b>                 | <b>1,690,493,083</b>    | <b>3,816,413,511</b> | <b>8,732,860,999</b> |    |

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 on any industry, it is necessary to compare the nature of the products made before the War with that of the present. This should be borne in mind in making industrial comparisons with pre-war years. For example, the number of employees engaged in the agricultural implements industry increased by 7,208 between 1940 and 1943; this in 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.

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

Significant changes have occurred since 1922 in the importance of the various groups shown in the purpose classification. On the basis of percentage to gross value of production, the most striking change is in the food group which showed a substantial decline from 28.2 p.c. of the total in 1922 to 22.6 p.c. in 1939 and 16.8 p.c. in 1943. The producer materials group, which took the lead from the food group in 1923, showed a steady increase up to 1939, since when it has remained at about 32 p.c. of the total. Due to the production of war equipment, vehicles and vessels increased from 7.7 p.c. in 1939 to 14.6 p.c. in 1943 and industrial equipment from 15.2 p.c. to 17.1 p.c. The other groups with the exception of "miscellaneous" showed slight declines during the war years.

### 10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-43, and in Detail for 1943.

| Year and Purpose Heading  | Estab-lish-ments | Capital              | Em-ployees     | Salaries and Wages | Cost of Materials                | Gross Value of Products          |
|---------------------------|------------------|----------------------|----------------|--------------------|----------------------------------|----------------------------------|
|                           | No.              | \$                   | No.            | \$                 | \$                               | \$                               |
| <b>1922</b>               |                  |                      |                |                    |                                  |                                  |
| Food.....                 | 8,258            | 343,867,673          | 66,815         | 67,738,707         | 490,731,438                      | 673,794,031                      |
| Drink and Tobacco.....    | 496              | 104,047,461          | 13,402         | 13,777,986         | 33,027,203                       | 99,529,810                       |
| Clothing.....             | 659              | 166,336,316          | 63,441         | 59,056,687         | 117,015,780                      | 221,993,457                      |
| Personal utilities.....   | 936              | 56,060,202           | 16,904         | 17,080,049         | 21,870,031                       | 57,258,476                       |
| House furnishings.....    | 609              | 75,168,053           | 18,032         | 19,861,883         | 24,956,960                       | 62,961,050                       |
| Books and stationery..... | 1,557            | 82,249,601           | 28,103         | 36,920,804         | 27,100,071                       | 99,118,069                       |
| Vehicles and vessels..... | 1,154            | 191,257,804          | 30,067         | 37,237,412         | 87,840,814                       | 160,624,079                      |
| Producers materials.....  | 5,588            | 1,086,692,015        | 143,354        | 147,581,011        | 316,409,400                      | 666,241,271                      |
| Industrial equipment..... | 1,740            | 556,862,578          | 75,269         | 89,081,303         | 160,035,399                      | 338,882,958                      |
| Miscellaneous.....        | 30               | 4,960,434            | 869            | 1,061,388          | 2,964,354                        | 4,916,418                        |
| <b>Totals, 1922</b>       | <b>21,016</b>    | <b>2,667,493,290</b> | <b>456,256</b> | <b>489,397,230</b> | <b>1,282,041,450<sup>1</sup></b> | <b>2,385,239,536<sup>1</sup></b> |
| <b>1939</b>               |                  |                      |                |                    |                                  |                                  |
| Food.....                 | 8,351            | 403,984,558          | 94,707         | 87,960,036         | 597,396,238                      | 837,986,384                      |
| Drink and tobacco.....    | 599              | 201,365,785          | 18,976         | 21,670,376         | 65,440,053                       | 208,064,998                      |
| Clothing.....             | 1,680            | 223,376,104          | 63,935         | 88,914,849         | 172,726,557                      | 336,452,685                      |
| Personal utilities.....   | 380              | 56,155,234           | 11,148         | 13,595,331         | 20,389,246                       | 61,191,750                       |
| House furnishings.....    | 600              | 76,185,921           | 20,857         | 23,248,775         | 34,293,465                       | 77,811,331                       |
| Books and stationery..... | 1,917            | 144,222,278          | 38,141         | 56,003,183         | 45,384,362                       | 155,947,960                      |
| Vehicles and vessels..... | 781              | 319,942,038          | 61,835         | 91,239,185         | 243,258,350                      | 407,947,648                      |
| Producers materials.....  | 6,227            | 1,776,758,115        | 223,071        | 258,255,079        | 524,193,104                      | 1,154,908,260                    |
| Industrial equipment..... | 1,576            | 719,112,914          | 89,922         | 131,820,142        | 304,581,449                      | 614,827,756                      |
| Miscellaneous.....        | 105              | 32,789,065           | 3,939          | 4,584,261          | 13,007,989                       | 27,403,344                       |
| <b>Totals, 1939</b>       | <b>22,216</b>    | <b>4,004,892,909</b> | <b>666,531</b> | <b>777,291,217</b> | <b>2,029,670,813</b>             | <b>3,883,416,116</b>             |

<sup>1</sup> For the year 1922 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-43, and in Detail for 1943—continued

| Year and Purpose Heading | Estab-<br>lish-<br>ments | Capital              | Em-<br>ployees   | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value<br>of<br>Products |
|--------------------------|--------------------------|----------------------|------------------|--------------------------|-------------------------|----------------------------------|
|                          | No.                      | \$                   | No.              | \$                       | \$                      | \$                               |
| <b>1933</b>              |                          |                      |                  |                          |                         |                                  |
| Food                     | 8,750                    | 408,995,499          | 75,434           | 68,652,798               | 313,760,042             | 402,729,174                      |
| Drink and tobacco        | 670                      | 185,612,678          | 18,289           | 17,626,141               | 40,454,300              | 98,409,638                       |
| Clothing                 | 1,622                    | 143,382,092          | 75,363           | 56,001,234               | 103,200,050             | 194,627,734                      |
| Personal utilities       | 601                      | 39,681,900           | 8,938            | 8,616,372                | 15,323,848              | 35,589,061                       |
| House furnishings        | 654                      | 66,047,002           | 15,587           | 12,887,200               | 16,022,584              | 38,684,640                       |
| Books and stationery     | 2,170                    | 132,507,101          | 34,300           | 42,830,661               | 28,818,380              | 103,477,707                      |
| Vehicles and vessels     | 479                      | 232,153,543          | 37,618           | 35,725,625               | 56,917,292              | 120,992,781                      |
| Producers materials      | 6,564                    | 1,459,569,284        | 139,734          | 126,208,238              | 252,383,314             | 573,991,467                      |
| Industrial equipment     | 1,819                    | 588,147,285          | 60,061           | 64,155,426               | 133,382,392             | 277,075,032                      |
| Miscellaneous            | 142                      | 23,103,454           | 3,334            | 3,544,129                | 7,516,826               | 18,497,642                       |
| <b>Totals, 1933</b>      | <b>23,780</b>            | <b>3,779,259,838</b> | <b>468,658</b>   | <b>436,247,824</b>       | <b>967,788,928</b>      | <b>1,954,075,785</b>             |
| <b>1937</b>              |                          |                      |                  |                          |                         |                                  |
| Food                     | 8,696                    | 441,611,585          | 96,740           | 94,656,930               | 558,118,480             | 792,271,852                      |
| Drink and tobacco        | 668                      | 187,487,631          | 21,646           | 24,308,981               | 68,935,399              | 152,152,105                      |
| Clothing                 | 2,158                    | 173,474,209          | 95,274           | 79,547,935               | 148,901,374             | 271,690,917                      |
| Personal utilities       | 634                      | 43,476,516           | 12,420           | 12,729,626               | 28,185,411              | 55,289,473                       |
| House furnishings        | 800                      | 89,293,123           | 27,446           | 27,109,911               | 41,836,387              | 90,102,397                       |
| Books and stationery     | 2,349                    | 137,392,420          | 40,348           | 53,453,842               | 44,257,314              | 138,673,644                      |
| Vehicles and vessels     | 376                      | 248,949,257          | 55,141           | 71,890,706               | 186,070,917             | 319,280,534                      |
| Producers materials      | 6,892                    | 1,482,194,043        | 238,930          | 232,733,013              | 634,232,482             | 1,221,670,588                    |
| Industrial equipment     | 2,086                    | 629,908,231          | 97,250           | 119,070,287              | 280,546,886             | 551,891,976                      |
| Miscellaneous            | 175                      | 31,449,729           | 5,250            | 6,075,783                | 15,842,137              | 32,430,014                       |
| <b>Totals, 1937</b>      | <b>24,834</b>            | <b>3,165,227,831</b> | <b>660,451</b>   | <b>721,727,637</b>       | <b>2,006,926,787</b>    | <b>3,635,459,500</b>             |
| <b>1939</b>              |                          |                      |                  |                          |                         |                                  |
| Food                     | 8,529                    | 451,298,489          | 99,983           | 101,904,518              | 526,619,353             | 784,072,722                      |
| Drink and tobacco        | 657                      | 190,313,279          | 23,489           | 27,051,038               | 74,295,571              | 161,812,430                      |
| Clothing                 | 2,178                    | 187,495,826          | 97,220           | 83,762,588               | 148,201,614             | 275,567,762                      |
| Personal utilities       | 623                      | 46,896,657           | 12,623           | 13,771,704               | 26,408,179              | 57,043,584                       |
| House furnishings        | 767                      | 93,773,837           | 27,647           | 28,417,336               | 49,528,394              | 88,800,804                       |
| Books and stationery     | 2,452                    | 143,293,147          | 41,894           | 56,466,921               | 47,916,777              | 144,288,052                      |
| Vehicles and vessels     | 364                      | 269,734,181          | 54,673           | 72,238,599               | 141,704,269             | 260,089,493                      |
| Producers materials      | 7,095                    | 1,589,602,832        | 291,849          | 229,381,185              | 559,816,486             | 1,130,510,177                    |
| Industrial equipment     | 1,957                    | 659,305,878          | 93,245           | 117,751,269              | 257,416,596             | 528,678,421                      |
| Miscellaneous            | 183                      | 33,349,309           | 5,591            | 7,063,013                | 15,252,136              | 34,919,074                       |
| <b>Totals, 1939</b>      | <b>24,805</b>            | <b>3,647,021,419</b> | <b>658,114</b>   | <b>737,811,153</b>       | <b>1,836,159,375</b>    | <b>3,474,783,528</b>             |
| <b>1942</b>              |                          |                      |                  |                          |                         |                                  |
| Food                     | 8,492                    | 567,240,164          | 119,749          | 143,710,556              | 931,767,514             | 1,287,339,635                    |
| Drink and tobacco        | 676                      | 235,092,043          | 28,998           | 38,848,227               | 94,538,408              | 236,292,352                      |
| Clothing                 | 2,575                    | 243,759,659          | 124,316          | 134,956,299              | 281,402,163             | 497,675,551                      |
| Personal utilities       | 711                      | 67,082,124           | 18,203           | 23,393,832               | 49,485,895              | 98,406,172                       |
| House furnishings        | 878                      | 124,276,791          | 30,995           | 48,351,611               | 81,952,482              | 171,793,189                      |
| Books and stationery     | 2,538                    | 155,721,790          | 45,235           | 67,403,322               | 68,438,815              | 190,289,162                      |
| Vehicles and vessels     | 400                      | 504,753,604          | 168,479          | 306,339,794              | 535,568,046             | 1,003,563,576                    |
| Producers materials      | 8,769                    | 2,289,297,436        | 347,559          | 516,634,897              | 1,273,159,717           | 2,477,577,100                    |
| Industrial equipment     | 2,584                    | 978,137,068          | 195,096          | 311,065,219              | 616,802,683             | 1,315,623,021                    |
| Miscellaneous            | 239                      | 263,423,975          | 67,557           | 92,101,245               | 133,987,002             | 275,235,214                      |
| <b>Totals, 1942</b>      | <b>27,862</b>            | <b>5,188,785,345</b> | <b>1,152,091</b> | <b>1,682,804,842</b>     | <b>4,637,192,725</b>    | <b>7,553,794,972</b>             |
| <b>1943</b>              |                          |                      |                  |                          |                         |                                  |
| Food                     | 8,421                    | 592,585,732          | 123,531          | 159,966,391              | 1,094,859,728           | 1,464,737,993                    |
| Drink and tobacco        | 647                      | 242,927,173          | 28,044           | 40,435,534               | 99,692,633              | 238,596,471                      |
| Clothing                 | 2,592                    | 244,217,485          | 119,715          | 141,914,246              | 292,357,250             | 523,922,505                      |
| Personal utilities       | 730                      | 68,356,782           | 18,059           | 24,510,425               | 50,345,687              | 104,512,562                      |
| House furnishings        | 881                      | 121,791,799          | 38,472           | 54,067,442               | 80,661,310              | 178,461,622                      |
| Books and stationery     | 2,476                    | 159,733,494          | 45,647           | 71,581,405               | 72,022,230              | 204,779,758                      |
| Vehicles and vessels     | 385                      | 816,203,889          | 217,970          | 425,756,663              | 587,491,411             | 1,272,121,963                    |
| Producers materials      | 8,554                    | 2,503,815,480        | 361,570          | 582,769,064              | 1,449,892,836           | 2,748,227,657                    |
| Industrial equipment     | 2,724                    | 1,051,234,389        | 223,783          | 387,609,582              | 707,744,312             | 1,492,541,020                    |
| Miscellaneous            | 242                      | 516,300,504          | 64,277           | 98,675,638               | 255,518,686             | 505,040,448                      |
| <b>Totals, 1943</b>      | <b>27,652</b>            | <b>6,317,166,727</b> | <b>1,241,068</b> | <b>1,982,292,384</b>     | <b>4,630,493,033</b>    | <b>8,732,869,990</b>             |

**10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-43, and in Detail for 1943—concluded**

| Year and Purpose Heading                   | Estab-<br>lish-<br>ments | Capital              | Em-<br>ploy-<br>ees | Salaries<br>and<br>Wages | Cost of<br>Materials | Gross<br>Value of<br>Products |
|--|--------------------------|----------------------|---------------------|--------------------------|----------------------|-------------------------------|
|  | No.                      | \$                   | No.                 | \$                       | \$                   | \$                            |
| <b>1943—DETAIL</b>                         |                          |                      |                     |                          |                      |                               |
| <b>Food</b> .....                          | <b>8,421</b>             | <b>592,585,732</b>   | <b>123,531</b>      | <b>159,966,391</b>       | <b>1,094,856,728</b> | <b>1,464,737,993</b>          |
| Breadstuffs.....                           | 4,407                    | 197,316,501          | 49,685              | 62,312,545               | 284,915,924          | 435,662,563                   |
| Fish.....                                  | 523                      | 30,741,194           | 8,621               | 9,137,089                | 43,366,785           | 64,804,969                    |
| Fruit and vegetable pre-<br>parations..... | 352                      | 60,753,837           | 11,804              | 12,350,408               | 44,564,481           | 72,228,697                    |
| Meats.....                                 | 229                      | 104,520,610          | 19,247              | 30,576,992               | 385,837,109          | 441,974,443                   |
| Milk products.....                         | 2,448                    | 87,872,483           | 21,971              | 27,474,215               | 204,676,093          | 267,426,008                   |
| Oils and fats.....                         | 8                        | 396,162              | 117                 | 102,432                  | 500,157              | 934,887                       |
| Sugar.....                                 | 10                       | 44,144,876           | 2,274               | 4,068,473                | 38,618,832           | 51,239,749                    |
| Miscellaneous.....                         | 414                      | 66,840,069           | 9,722               | 13,854,187               | 92,377,347           | 130,466,677                   |
| <b>Drink and Tobacco</b> .....             | <b>647</b>               | <b>242,927,173</b>   | <b>29,044</b>       | <b>49,435,534</b>        | <b>99,602,633</b>    | <b>338,506,471</b>            |
| Beverages, alcoholic.....                  | 77                       | 118,112,299          | 9,355               | 17,184,057               | 30,657,147           | 103,804,898                   |
| Beverages, non-alcoholic.....              | 485                      | 32,591,440           | 6,214               | 9,270,562                | 16,145,214           | 46,282,020                    |
| Tobacco.....                               | 85                       | 92,223,434           | 12,475              | 13,980,915               | 52,599,272           | 88,418,653                    |
| <b>Clothing</b> .....                      | <b>2,592</b>             | <b>244,217,185</b>   | <b>119,715</b>      | <b>141,911,210</b>       | <b>292,357,250</b>   | <b>523,922,595</b>            |
| Boots and shoes, leather.....              | 222                      | 34,873,991           | 18,065              | 21,677,798               | 42,648,779           | 75,583,954                    |
| Fur goods.....                             | 511                      | 23,768,316           | 6,000               | 8,744,483                | 27,073,763           | 42,081,385                    |
| Garments and personal<br>furnishings.....  | 1,385                    | 111,386,813          | 62,619              | 76,024,148               | 163,984,499          | 287,177,432                   |
| Gloves and mittens.....                    | 79                       | 4,269,783            | 3,299               | 3,131,387                | 5,497,896            | 10,401,596                    |
| Hats and caps.....                         | 103                      | 10,333,523           | 5,065               | 7,433,884                | 11,444,351           | 23,551,533                    |
| Knitted goods.....                         | 191                      | 58,023,438           | 22,344              | 23,849,986               | 38,532,495           | 80,209,219                    |
| Waterproofs.....                           | 11                       | 1,561,621            | 823                 | 1,052,554                | 3,175,467            | 4,917,923                     |
| <b>Personal Utilities</b> .....            | <b>730</b>               | <b>68,356,782</b>    | <b>18,059</b>       | <b>24,516,425</b>        | <b>50,345,687</b>    | <b>104,512,562</b>            |
| Jewellery and time-pieces.....             | 128                      | 14,397,303           | 4,565               | 6,778,170                | 12,129,382           | 24,547,846                    |
| Recreational supplies.....                 | 104                      | 7,817,481            | 2,596               | 2,965,501                | 4,324,464            | 9,210,375                     |
| Personal utilities.....                    | 498                      | 46,141,998           | 10,898              | 14,772,754               | 33,900,841           | 70,745,341                    |
| <b>House Furnishings</b> .....             | <b>881</b>               | <b>121,791,799</b>   | <b>38,472</b>       | <b>54,067,452</b>        | <b>80,661,310</b>    | <b>178,461,622</b>            |
| <b>Books and Stationery</b> .....          | <b>2,476</b>             | <b>159,733,494</b>   | <b>45,647</b>       | <b>71,581,465</b>        | <b>72,022,230</b>    | <b>204,779,758</b>            |
| <b>Vehicles and Vessels</b> .....          | <b>385</b>               | <b>816,203,889</b>   | <b>217,970</b>      | <b>425,756,663</b>       | <b>587,491,411</b>   | <b>1,272,121,963</b>          |
| <b>Producers Materials</b> .....           | <b>8,554</b>             | <b>2,503,815,480</b> | <b>361,570</b>      | <b>582,769,061</b>       | <b>1,449,892,836</b> | <b>2,748,227,057</b>          |
| Farm materials.....                        | 26                       | 17,913,098           | 2,204               | 4,314,742                | 19,036,806           | 27,105,357                    |
| Manufacturers materials.....               | 1,242                    | 1,830,184,797        | 212,315             | 358,712,733              | 986,208,953          | 1,839,330,104                 |
| Building materials.....                    | 6,781                    | 581,154,092          | 122,783             | 189,245,234              | 370,147,554          | 749,299,037                   |
| General materials.....                     | 505                      | 74,563,493           | 24,268              | 30,496,355               | 74,499,523           | 132,492,559                   |
| <b>Industrial Equipment</b> .....          | <b>2,724</b>             | <b>1,051,234,389</b> | <b>223,783</b>      | <b>387,609,582</b>       | <b>707,714,312</b>   | <b>1,492,541,620</b>          |
| Farming equipment.....                     | 46                       | 62,066,907           | 14,122              | 24,656,881               | 25,373,851           | 57,367,582                    |
| Manufacturing equipment.....               | 273                      | 125,112,015          | 29,093              | 53,719,095               | 49,573,891           | 154,412,778                   |
| Travelling equipment.....                  | 144                      | 9,830,141            | 1,845               | 2,906,050                | 1,788,559            | 8,109,034                     |
| Service equipment.....                     | 377                      | 111,881,176          | 19,835              | 31,890,721               | 70,658,427           | 132,910,184                   |
| Light, heat and power<br>equipment.....    | 368                      | 387,771,295          | 63,255              | 109,263,698              | 297,509,735          | 533,325,594                   |
| General equipment.....                     | 1,516                    | 354,542,855          | 95,663              | 165,179,137              | 262,839,849          | 606,416,448                   |
| <b>Miscellaneous</b> .....                 | <b>242</b>               | <b>516,300,504</b>   | <b>64,277</b>       | <b>98,675,638</b>        | <b>255,518,686</b>   | <b>505,049,448</b>            |

Table 11 has been included in order to give the amount and value of each of the principal commodities produced by the manufacturing industries of Canada. The list is not intended to be complete since a large number of commodities are produced in such small quantities that it would extend the table considerably without adding proportionately to its value to include them. The commodities listed, however, cover approximately 75 p.e. of total production. For a complete list of products, see appendix II of this report.

11.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1913.

|   | Unit of Measure | Quantity    | Value<br>\$ |
|---|-----------------|-------------|-------------|
| <b>Food—</b>  |                 |             |             |
| Biscuits, all kinds.....                            | ton             | 73,035      | 23,700,297  |
| Bread, pies, cakes, etc.....                        | —               | —           | 113,699,084 |
| Butter, factory made.....                           | lb.             | 311,709,476 | 105,103,734 |
| Cheese, factory made.....                           | "               | 207,841,716 | 45,407,575  |
| Confectionery, all kinds.....                       | —               | —           | 40,352,368  |
| Cream, sold in dairy factories.....                 | lb.             | 18,191,262  | 12,881,003  |
| Feed, chopped grain.....                            | ton             | 1,493,337   | 50,786,495  |
| Fish, canned and otherwise prepared.....            | —               | —           | 43,839,627  |
| Flour, wheat.....                                   | bbbl.           | 23,093,269  | 112,368,871 |
| Feeds, stock, poultry, etc.....                     | —               | —           | 47,283,277  |
| Fruits and vegetables, canned.....                  | lb.             | 269,144,819 | 19,557,223  |
| Ice cream, factory made.....                        | gal.            | 15,213,593  | 18,475,628  |
| Jams, jellies and marmalades.....                   | lb.             | 97,926,596  | 11,387,611  |
| Lard.....   | "               | 89,565,583  | 12,816,561  |
| Meats, cured.....                                   | "               | 745,815,271 | 166,944,830 |
| Meats, sold fresh.....                              | "               | 885,935,612 | 168,036,224 |
| Milk, sold in factories.....                        | gal.            | 115,370,989 | 46,276,090  |
| Milk, evaporated and condensed.....                 | lb.             | 205,283,301 | 17,511,560  |
| Pickles, sauces and catsup.....                     | —               | —           | 6,935,722   |
| Powders, edible.....                                | —               | —           | 20,991,791  |
| Sausage, fresh and cured.....                       | lb.             | 124,346,102 | 23,652,487  |
| Shortening.....                                     | "               | 98,351,787  | 14,232,293  |
| Soup, canned.....                                   | "               | 92,279,552  | 10,569,930  |
| Sugar, granulated (cane and beet).....              | "               | 756,759,906 | 43,422,107  |
| Tea and coffee, prepared.....                       | "               | 66,143,074  | 31,323,630  |
| <b>Drink and Tobacco—</b>                           |                 |             |             |
| Aerated waters.....                                 | gal.            | 58,020,492  | 36,785,322  |
| Beer, ale, stout and porter.....                    | "               | 95,691,158  | 114,758,706 |
| Cigarettes.....                                     | M               | 13,591,320  | 155,030,531 |
| Cigars.....   | Pr gal.         | 200,370     | 9,665,753   |
| Spirits, potable, sold.....                         | Pr gal.         | 6,407,571   | 27,104,237  |
| Tobacco, chewing, smoking and snuff.....            | lb.             | 28,677,508  | 40,992,976  |
| Tobacco, raw leaf, processed.....                   | "               | 74,239,405  | 24,247,496  |
| Wine, sold.....                                     | gal.            | 3,500,525   | 5,548,620   |
| <b>Clothing—</b>                                    |                 |             |             |
| Coats, men's and women's.....                       | No.             | 2,984,787   | 74,193,319  |
| Dresses, women's and misses'.....                   | "               | 12,813,383  | 39,850,610  |
| Footwear, leather.....                              | pr.             | 29,382,256  | 71,541,449  |
| Footwear, rubber.....                               | "               | 11,987,720  | 14,498,440  |
| Hats and caps, men's and boys'.....                 | doz.            | 717,898     | 9,328,327   |
| Hats and caps, women's.....                         | "               | 476,012     | 8,258,240   |
| Hosiery, all kinds.....                             | "               | 8,374,383   | 33,700,438  |
| Shirts, fine and work.....                          | "               | 1,322,804   | 16,871,749  |
| Suits, men's and boys'.....                         | No.             | 1,510,269   | 25,486,783  |
| Suits, women's and misses'.....                     | "               | 552,057     | 5,800,408   |
| Underwear.....                                      | doz.            | 3,333,155   | 20,145,865  |
| Uniforms, woollen.....                              | No.             | 2,634,432   | 22,444,324  |
| <b>Personal Utilities—</b>                          |                 |             |             |
| Bags, leather.....                                  | —               | —           | 6,604,642   |
| Jewellery.....                                      | —               | —           | 6,666,642   |
| Pianos, organs and parts.....                       | —               | —           | 1,044,262   |
| Plated ware, all kinds.....                         | —               | —           | 4,341,594   |
| Radio sets and accessories.....                     | —               | —           | 65,244,952  |
| Soap.....   | —               | —           | 25,313,557  |
| Sporting goods.....                                 | —               | —           | 2,866,824   |
| Toilet preparations and perfumes.....               | —               | —           | 15,277,133  |
| Toys and games.....                                 | —               | —           | 5,828,028   |
| <b>House Furnishings—</b>                           |                 |             |             |
| Blankets, all kinds.....                            | lb.             | 12,098,957  | 9,161,290   |
| Brooms and brushes.....                             | —               | —           | 4,648,740   |
| Carpets, mats and rugs.....                         | carpet yd.      | 1,366,302   | 3,766,750   |
| Furniture, household, incl. beds and couches.....   | —               | —           | 38,133,653  |
| Heating and ventilating equipment and furnaces..... | —               | —           | 12,376,414  |
| Kitchenware.....                                    | —               | —           | 1,923,908   |
| Mattresses.....                                     | No.             | 1,079,373   | 7,303,407   |
| Mops.....   | —               | —           | 1,169,581   |
| Springs, bed and other furniture.....               | —               | —           | 3,775,007   |
| Stoves, coal, wood, electric and gas.....           | No.             | 252,520     | 8,345,390   |

<sup>1</sup> Includes excise taxes on tobacco products and prime cost of spirits.

**11.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1943.—continued**

|   | Unit of Measure | Quantity    | Value<br>\$ |
|---|-----------------|-------------|-------------|
| <b>Books and Stationery—</b>                            |                 |             |             |
| Advertising matter, printed.....                        | —               | —           | 13,662,981  |
| Books and catalogues, printed.....                      | —               | —           | 8,345,965   |
| Circular letters, bank notes, etc., printed.....        | —               | —           | 7,777,280   |
| Periodicals, printed for publishers.....                | —               | —           | 7,094,692   |
| Periodicals, printed by publishers—                     |                 |             |             |
| Subscriptions and sales.....                            | —               | —           | 25,235,785  |
| Gross revenue from advertising.....                     | —               | —           | 38,973,967  |
| Sheet forms, commercial, printed.....                   | —               | —           | 14,169,958  |
| <b>Vehicles and Vessels—</b>                            |                 |             |             |
| Aircraft, including parts and repairs.....              | —               | —           | 280,087,222 |
| Automobiles, commercial.....                            | —               | —           | 222,487,817 |
| Automobile parts and accessories.....                   | —               | —           | 176,604,607 |
| Cars, steam and electric, and parts.....                | —               | —           | 47,919,662  |
| Ships and ship repairs.....                             | —               | —           | 446,351,387 |
| <b>Miscellaneous—</b>                                   |                 |             |             |
| Abrasives, artificial.....                              | —               | —           | 27,389,744  |
| Bags, cotton and jute.....                              | doz.            | 10,663,109  | 22,017,274  |
| Bags, paper.....  | —               | —           | 9,824,140   |
| Bars, iron and steel, hot rolled.....                   | net ton         | 470,556     | 42,081,805  |
| Batteries, electric.....                                | —               | —           | 13,824,241  |
| Blooms, billets and slabs.....                          | —               | —           | 13,906,485  |
| Boilers, heating and power, and parts.....              | —               | —           | 20,914,641  |
| Boxes, paper and wood.....                              | —               | —           | 57,563,712  |
| Calcium and sodium compounds.....                       | —               | —           | 26,636,128  |
| Cans, tin.....  | —               | —           | 22,408,219  |
| Castings, iron and steel.....                           | ton             | 442,502     | 60,159,171  |
| Coke.....   | "               | 3,551,773   | 31,339,978  |
| Cotton fabrics.....                                     | yd.             | 395,193,059 | 75,509,673  |
| Enamels, lacquers and varnishes.....                    | —               | —           | 15,552,468  |
| Explosives.....   | —               | —           | 42,894,156  |
| Farm implements and parts.....                          | —               | —           | 17,023,359  |
| Ferro-alloys.....                                       | —               | —           | 24,832,066  |
| Forgings, steel and other.....                          | —               | —           | 30,920,960  |
| Gas, sold.....  | M cu. ft.       | 20,403,544  | 18,609,364  |
| Gases, compressed and liquefied.....                    | —               | —           | 14,787,145  |
| Gasoline.....   | imp. gal.       | 869,288,237 | 110,843,999 |
| Glass, pressed and blown.....                           | —               | —           | 17,167,808  |
| Hardware.....   | —               | —           | 7,993,104   |
| Leather, shoe.....                                      | —               | —           | 32,780,296  |
| Lumber, sawn.....                                       | —               | —           | 152,748,670 |
| Machinery, industrial, household, etc.....              | —               | —           | 64,296,067  |
| Medicines and pharmaceuticals.....                      | —               | —           | 39,643,087  |
| Munitions and other war supplies.....                   | —               | —           | 849,066,333 |
| Oil, fuel and gas.....                                  | imp. gal.       | 866,020,855 | 44,172,747  |
| Paints, mixed, ready for use.....                       | "               | 7,852,146   | 18,776,917  |
| Paper, newsprint, wrapping and book.....                | —               | —           | 189,565,706 |
| Paper boards.....                                       | —               | —           | 40,763,380  |
| Pipes and fittings, iron, steel, etc.....               | —               | —           | 23,903,002  |
| Plates, sheets, etc., iron and steel.....               | —               | —           | 45,177,734  |
| Pulp, wood, made for sale.....                          | short ton       | 1,696,915   | 107,513,273 |
| Refrigerators, electric.....                            | No.             | 2,137       | 239,113     |
| Rods and bars, brass, bronze, etc.....                  | lb.             | 63,118,639  | 11,083,563  |
| Rods, wire, copper, steel, etc.....                     | ton             | 148,073     | 19,160,125  |
| Rolled iron and steel forms, semi-finished.....         | —               | —           | 13,906,485  |
| Sash, doors and other millwork.....                     | —               | —           | 22,963,962  |
| Scientific instruments.....                             | —               | —           | 65,168,759  |
| Silk, artificial and mixtures, continuous filament..... | yd.             | 60,781,533  | 28,459,978  |
| Smelter and refinery products.....                      | —               | —           | 511,213,376 |
| Spun rayon and mixtures.....                            | yd.             | 22,030,660  | 8,174,340   |
| Steel ingots and castings (sold).....                   | net ton         | 151,924     | 30,077,984  |
| Steel shapes erected, bridge, etc.....                  | "               | 92,878      | 15,590,162  |
| Steel shapes, fabricated and other.....                 | —               | —           | 16,657,809  |
| Tire fabrics.....                                       | lb.             | 21,726,110  | 10,113,893  |
| Tools, all kinds.....                                   | —               | —           | 22,080,870  |
| Twine and rope.....                                     | lb.             | 105,953,749 | 14,221,952  |
| Wires and cables, electrical.....                       | —               | —           | 35,474,810  |
| Wire, wire rope and cable, steel.....                   | —               | —           | 16,668,909  |
| Woolen cloth, woven and other.....                      | yd.             | 26,568,665  | 47,835,896  |
| Yarn, cotton, artificial silk, wool, etc.....           | lb.             | 77,636,039  | 52,832,254  |

**Subsection 3.—Manufactures Classified by Origin of the 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 the non-ferrous metals, so largely produced in Canada, the manufactures of iron and steel, of 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. In 1943 the industries of the mineral group had by far the greatest capital investment, employed the largest number of persons and paid out the highest amount in salaries and wages, the average capital per employee was \$5,441 and average salaries and wages \$1,831. For the industries of the farm origin group the respective averages were \$4,417 and \$1,297.

**12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-43**

| Year and Origin                 | Estab-<br>lish-<br>ments | Capital              | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value<br>of<br>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                | 7,506,159               | 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>2,895,317,569</b> | <b>487,610</b> | <b>534,167,675</b>       | <b>1,438,190,794</b>    | <b>2,584,306,764</b>             |
| Farm Origin Group—              |                          |                      |                |                          |                         |                                  |
| From field crops.....           | 4,595                    | 625,717,571          | 89,436         | 87,780,267               | 433,443,876             | 601,513,259                      |
| From animal husbandry.....      | 4,068                    | 247,073,900          | 63,052         | 65,424,526               | 282,604,516             | 497,766,406                      |
| <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.....            | 8,370                    | 646,231,949          | 114,514        | 119,217,657              | 553,357,888             | 848,236,237                      |
| Foreign origin.....             | 284                      | 226,559,522          | 37,971         | 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                    | 1,550,662,008        | 218,879        | 304,027,803              | 678,683,201             | 1,392,499,868                    |
| Forest origin.....              | 7,353                    | 1,148,558,242        | 163,803        | 191,044,307              | 313,088,964             | 722,269,006                      |
| Marine origin.....              | 730                      | 28,644,442           | 16,337         | 5,411,855                | 21,496,859              | 34,966,230                       |
| 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>2,029,670,913</b>    | <b>3,883,446,116</b>             |
| Farm Origin Group—              |                          |                      |                |                          |                         |                                  |
| 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                      |

<sup>1</sup> 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.

## 12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-43—continued

| Year and Origin                 | Estab-<br>lish-<br>ments | Capital              | Em-<br>ployees | Salaries<br>and<br>Wages | Cost of<br>Materials | Gross<br>Value of<br>Products |
|---------------------------------|--------------------------|----------------------|----------------|--------------------------|----------------------|-------------------------------|
|                                 | No.                      | \$                   | No.            | \$                       | \$                   | \$                            |
| <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              | 271,434,357          | 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                | 10,900,289           | 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>23,789</b>            | <b>3,279,259,538</b> | <b>468,658</b> | <b>436,247,821</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         | 56,056,507               | 191,875,061          | 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>1937</b>                     |                          |                      |                |                          |                      |                               |
| Farm origin.....                | 10,139                   | 901,530,200          | 203,908        | 197,861,819              | 809,064,706          | 1,276,249,283                 |
| Mineral origin.....             | 3,384                    | 1,401,502,788        | 210,959        | 289,323,383              | 784,742,328          | 1,451,202,762                 |
| Forest origin.....              | 8,392                    | 916,530,488          | 144,597        | 161,050,221              | 254,893,829          | 589,517,795                   |
| Marine origin.....              | 597                      | 18,130,385           | 5,427          | 3,354,771                | 16,318,781           | 29,088,625                    |
| Wild life origin.....           | 365                      | 13,328,104           | 4,264          | 4,452,938                | 10,701,233           | 17,658,867                    |
| Mixed origin.....               | 1,957                    | 214,136,806          | 85,296         | 74,703,925               | 130,275,910          | 264,742,168                   |
| <b>Grand Totals, 1937.....</b>  | <b>24,834</b>            | <b>3,465,227,831</b> | <b>669,451</b> | <b>721,727,037</b>       | <b>2,006,926,787</b> | <b>3,625,459,500</b>          |
| <b>Farm Origin Group—</b>       |                          |                      |                |                          |                      |                               |
| From field crops.....           | 6,197                    | 635,995,955          | 118,765        | 115,999,540              | 456,791,911          | 774,983,154                   |
| From animal husbandry..         | 3,942                    | 265,543,245          | 85,143         | 81,862,273               | 353,172,795          | 501,596,129                   |
| <b>Totals, Farm Origin.....</b> | <b>10,139</b>            | <b>901,539,200</b>   | <b>203,908</b> | <b>197,861,819</b>       | <b>809,964,706</b>   | <b>1,276,219,283</b>          |
| Canadian origin.....            | 9,326                    | 673,003,567          | 158,075        | 152,070,575              | 659,488,389          | 1,008,885,353                 |
| Foreign origin.....             | 813                      | 228,535,633          | 45,833         | 45,791,244               | 150,476,317          | 267,363,930                   |
| <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                    | 1,498,205,618        | 210,752        | 280,054,303              | 669,728,573          | 1,321,444,094                 |
| Forest origin.....              | 8,430                    | 951,016,933          | 142,091        | 160,798,500              | 244,044,907          | 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           | 4,004          | 5,396,623                | 11,592,066           | 19,061,526                    |
| 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>3,617,924,449</b> | <b>638,114</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          | 759,064,866                   |
| From animal husbandry..         | 4,107                    | 303,183,406          | 95,502         | 91,413,932               | 367,255,664          | 530,928,155                   |
| <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                   |
| <b>1942</b>                     |                          |                      |                |                          |                      |                               |
| Farm origin.....                | 10,406                   | 1,191,225,000        | 277,751        | 335,108,000              | 1,427,517,113        | 2,215,132,914                 |
| Mineral origin.....             | 4,165                    | 2,889,845,478        | 680,269        | 975,331,512              | 1,918,115,633        | 3,869,273,611                 |
| Forest origin.....              | 10,114                   | 1,071,366,655        | 183,271        | 247,087,184              | 426,930,938          | 952,493,897                   |



12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-43—concluded

| Year and Origin                 | Estab-<br>lish-<br>ments | Capital              | Em-<br>ploy-<br>ees | Salaries<br>and<br>Wages | Cost of<br>Materials | Gross<br>Value of<br>Products |
|---------------------------------|--------------------------|----------------------|---------------------|--------------------------|----------------------|-------------------------------|
|                                 | No.                      | \$                   | No.                 | \$                       | \$                   | \$                            |
| <b>1942—concluded</b>           |                          |                      |                     |                          |                      |                               |
| Marine origin.....              | 493                      | 33,554,131           | 8,547               | 7,661,976                | 37,746,371           | 59,477,038                    |
| Wild life origin.....           | 502                      | 22,950,754           | 5,750               | 7,826,147                | 21,910,883           | 34,778,875                    |
| Mixed origin.....               | 2,182                    | 279,843,527          | 96,503              | 109,790,023              | 204,881,787          | 422,638,637                   |
| <b>Grand Totals, 1942.....</b>  | <b>27,862</b>            | <b>5,488,785,545</b> | <b>1,152,091</b>    | <b>1,682,864,842</b>     | <b>4,037,162,725</b> | <b>7,553,794,972</b>          |
| Farm Origin Group—              |                          |                      |                     |                          |                      |                               |
| From field crops.....           | 6,336                    | 798,518,291          | 158,782             | 188,232,801              | 687,291,645          | 1,193,759,193                 |
| From animal husbandry..         | 4,070                    | 392,706,709          | 124,969             | 146,875,199              | 710,315,468          | 1,021,373,721                 |
| <b>Totals, Farm Origin.....</b> | <b>10,406</b>            | <b>1,191,225,000</b> | <b>277,751</b>      | <b>335,108,000</b>       | <b>1,427,512,113</b> | <b>2,215,132,914</b>          |
| Canadian origin.....            | 9,561                    | 996,817,142          | 216,747             | 257,491,350              | 1,182,216,572        | 1,778,693,248                 |
| Foreign origin.....             | 845                      | 284,367,858          | 61,004              | 77,616,650               | 245,300,541          | 436,439,666                   |
| <b>1943</b>                     |                          |                      |                     |                          |                      |                               |
| Farm origin.....                | 10,299                   | 1,216,233,910        | 275,337             | 357,141,351              | 1,602,302,829        | 2,394,035,243                 |
| Mineral origin.....             | 4,256                    | 3,667,230,050        | 673,988             | 1,234,374,825            | 2,358,820,073        | 4,788,289,815                 |
| Forest origin.....              | 9,870                    | 1,094,903,638        | 181,018             | 259,111,310              | 445,445,053          | 991,157,515                   |
| Marine origin.....              | 523                      | 30,741,194           | 8,621               | 9,137,989                | 43,366,785           | 64,804,969                    |
| Wild life origin.....           | 511                      | 23,768,316           | 6,000               | 8,744,483                | 27,073,763           | 42,081,385                    |
| Mixed origin.....               | 2,193                    | 284,289,619          | 96,103              | 118,783,326              | 213,478,580          | 452,492,072                   |
| <b>Grand Totals, 1943.....</b>  | <b>27,652</b>            | <b>6,317,166,727</b> | <b>1,241,068</b>    | <b>1,987,292,384</b>     | <b>4,690,193,083</b> | <b>8,732,860,899</b>          |
| Farm Origin Group—              |                          |                      |                     |                          |                      |                               |
| From field crops.....           | 6,269                    | 819,635,374          | 153,149             | 200,773,531              | 772,653,116          | 1,279,733,823                 |
| From animal husbandry..         | 4,030                    | 395,598,536          | 122,188             | 156,367,820              | 829,649,713          | 1,114,391,420                 |
| <b>Totals, Farm Origin.....</b> | <b>10,299</b>            | <b>1,216,233,910</b> | <b>275,337</b>      | <b>357,141,351</b>       | <b>1,602,302,829</b> | <b>2,394,035,243</b>          |
| Canadian origin.....            | 9,458                    | 940,503,127          | 216,693             | 277,316,138              | 1,341,198,884        | 1,954,615,390                 |
| Foreign origin.....             | 841                      | 275,730,783          | 58,644              | 79,825,213               | 261,103,945          | 439,419,853                   |

Subsection 4.—Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1943, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

THE TEN LEADING INDUSTRIES, 1943, COMPARED AS TO RANK, SIGNIFICANT YEARS 1922-43

NOTE.—Where a dash is given it indicates that the industry did not rank among the forty leading industries.

| Industry                                     | Rank in— |      |      |      |      |      |      |      |
|--|----------|------|------|------|------|------|------|------|
|  | 1943     | 1942 | 1941 | 1939 | 1937 | 1933 | 1929 | 1922 |
| Non-ferrous metal smelting and refining..... | 1        | 1    | 1    | 1    | 1    | 2    | 9    | —    |
| Miscellaneous chemical products.....         | 2        | 5    | 19   | 38   | —    | —    | —    | —    |
| Slaughtering and meat packing.....           | 3        | 2    | 3    | 3    | 3    | 3    | 2    | 3    |
| Shipbuilding and repairs.....                | 4        | 6    | 17   | —    | —    | —    | —    | —    |
| Miscellaneous iron and steel products.....   | 5        | 12   | 36   | —    | —    | —    | —    | —    |
| Automobiles.....                             | 6        | 4    | 4    | 5    | 4    | 11   | 4    | 6    |
| Pulp and paper.....                          | 7        | 3    | 2    | 2    | 2    | 1    | 1    | 2    |
| Aircraft.....                                | 8        | 18   | 23   | —    | —    | —    | —    | —    |
| Electrical apparatus and supplies.....       | 9        | 9    | 6    | 9    | 8    | 16   | 8    | 17   |
| Primary iron and steel.....                  | 10       | 7    | 7    | 11   | 12   | 31   | 16   | 20   |

A prominent feature of Canadian manufacturing development in recent years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base metal resources of the country, has now taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources. The incidence of the depression resulted in a rearrangement in the ranking of many industries; in some cases this has proved to be temporary. Under the impetus of war production, 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.

**13.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1942**

| Industry  | Estab-lish-ments<br>No. | Capital<br>\$        | Em-ployees<br>No. | Salaries and<br>Wages<br>\$ | Cost of<br>Materials<br>\$ | Value of Products    |                      |
|---|-------------------------|----------------------|-------------------|-----------------------------|----------------------------|----------------------|----------------------|
|   |                         |                      |                   |                             |                            | Net<br>\$            | Gross<br>\$          |
| 1 Non-ferrous metal smelting and refining.....                | 16                      | 356,052,065          | 21,162            | 37,340,550                  | 285,987,513                | 125,881,047          | 447,617,199          |
| 2 Slaughtering and meat packing.....                          | 148                     | 96,787,894           | 17,397            | 26,695,879                  | 310,446,760                | 56,347,138           | 369,047,175          |
| 3 Automobiles.....  | 6                       | 143,442,197          | 24,403            | 52,281,941                  | 239,544,621                | 83,471,013           | 342,772,681          |
| 4 Pulp and paper.....   | 105                     | 655,598,196          | 38,007            | 69,656,393                  | 135,970,437                | 165,193,627          | 337,390,484          |
| 5 Miscellaneous chemical products.....                        | 194                     | 250,666,479          | 64,900            | 88,185,249                  | 120,541,882                | 126,519,004          | 251,665,872          |
| 6 Primary iron and steel.....                                 | 61                      | 205,804,671          | 33,245            | 60,874,818                  | 110,551,516                | 102,829,061          | 232,105,755          |
| 7 Shipbuilding.....   | 79                      | 125,048,259          | 50,132            | 92,188,814                  | 73,325,151                 | 166,453,853          | 224,138,127          |
| 8 Butter and cheese.....                                      | 2,378                   | 69,084,129           | 19,465            | 22,186,532                  | 159,940,961                | 46,846,000           | 210,148,507          |
| 9 Electrical apparatus and supplies.....                      | 225                     | 143,178,182          | 39,676            | 61,799,069                  | 92,799,017                 | 113,824,021          | 208,872,781          |
| 10 Sawmills.....  | 5,277                   | 112,119,272          | 47,765            | 49,562,069                  | 98,774,251                 | 91,206,949           | 192,919,077          |
| 11 Automobile supplies.....                                   | 101                     | 76,029,153           | 21,010            | 37,011,834                  | 112,061,012                | 70,386,482           | 184,499,499          |
| 12 Iron and steel products, miscellaneous.....                | 168                     | 172,190,553          | 34,848            | 60,792,877                  | 70,135,177                 | 91,716,366           | 164,298,544          |
| 13 Brass and copper products.....                             | 149                     | 66,282,716           | 17,454            | 29,269,030                  | 85,452,694                 | 76,461,348           | 164,291,350          |
| 14 Petroleum products.....                                    | 52                      | 84,162,248           | 5,920             | 11,507,252                  | 121,924,256                | 34,713,285           | 163,716,515          |
| 15 Flour and feed mills.....                                  | 1,171                   | 62,586,759           | 6,720             | 8,776,553                   | 126,374,719                | 31,417,102           | 159,403,671          |
| 16 Machinery.....   | 259                     | 122,587,591          | 27,354            | 47,707,573                  | 52,950,771                 | 104,755,759          | 159,371,788          |
| 17 Railway rolling-stock.....                                 | 35                      | 124,513,549          | 31,682            | 59,333,662                  | 81,833,797                 | 70,421,286           | 156,070,617          |
| 18 Aircraft and parts.....                                    | 42                      | 90,527,920           | 44,886            | 76,334,141                  | 46,252,255                 | 104,121,754          | 151,554,598          |
| 19 Clothing, men's factory.....                               | 410                     | 60,449,404           | 32,913            | 36,924,532                  | 91,469,115                 | 57,633,950           | 149,563,452          |
| 20 Cotton yarn and cloth.....                                 | 40                      | 91,398,489           | 25,796            | 20,304,427                  | 80,629,998                 | 58,030,976           | 141,809,520          |
| 21 Rubber goods (inc. rubber footwear).....                   | 49                      | 74,464,827           | 15,497            | 23,413,150                  | 61,576,546                 | 58,896,249           | 122,231,402          |
| 22 Clothing, women's factory.....                             | 774                     | 43,536,725           | 26,326            | 30,037,557                  | 66,344,779                 | 49,526,970           | 116,179,083          |
| 23 Sheet metal products, bread and other bakery products..... | 185                     | 77,108,793           | 16,597            | 24,269,001                  | 58,883,664                 | 50,413,855           | 110,442,259          |
| 24 Hardware, tools and cutlery.....                           | 3,023                   | 53,919,647           | 25,521            | 29,047,237                  | 49,962,446                 | 50,446,713           | 104,089,254          |
| 25 Castings, iron.....  | 227                     | 54,368,983           | 15,700            | 25,238,486                  | 22,757,199                 | 58,300,316           | 82,307,758           |
| 26 Castings, iron.....  | 201                     | 59,342,833           | 10,867            | 28,671,888                  | 30,330,278                 | 48,721,077           | 81,341,009           |
| 27 Textiles and knitted goods.....                            | 186                     | 57,826,720           | 23,462            | 23,422,666                  | 38,650,016                 | 40,485,197           | 80,134,426           |
| 28 Biscuits, confectionery, cocoa, etc.....                   | 202                     | 45,205,955           | 13,724            | 15,443,400                  | 38,428,657                 | 37,375,513           | 76,869,436           |
| 29 Breweries.....   | 61                      | 72,868,623           | 6,868             | 12,911,103                  | 17,341,712                 | 55,354,723           | 74,024,601           |
| 30 Fruit and vegetable preparations.....                      | 379                     | 54,798,625           | 12,304            | 11,487,840                  | 45,135,269                 | 27,254,776           | 73,569,273           |
| 31 Miscellaneous food products.....                           | 259                     | 39,474,244           | 5,434             | 7,183,958                   | 50,920,649                 | 19,963,168           | 71,364,374           |
| 32 Printing and publishing.....                               | 797                     | 56,079,815           | 18,019            | 28,196,033                  | 15,827,116                 | 52,259,557           | 68,975,702           |
| 33 Boots and shoes, leather.....                              | 221                     | 35,877,425           | 19,113            | 19,846,642                  | 40,153,136                 | 27,114,358           | 67,648,973           |
| 34 Acids, alkalies and salts.....                             | 35                      | 75,169,327           | 7,842             | 14,128,210                  | 23,927,969                 | 33,580,249           | 65,123,577           |
| 35 Bridge and structural steel work.....                      | 22                      | 46,787,155           | 9,117             | 19,028,055                  | 28,528,769                 | 34,141,433           | 63,383,569           |
| 36 Fish curing and packing.....                               | 493                     | 33,554,131           | 8,547             | 7,661,976                   | 37,746,371                 | 20,969,913           | 59,477,038           |
| 37 Tobacco, cigars and cigarettes.....                        | 78                      | 71,209,895           | 10,502            | 10,757,712                  | 28,716,426                 | 30,428,451           | 59,309,032           |
| 38 Planing mills, sash and door factories.....                | 857                     | 39,062,511           | 12,917            | 15,100,183                  | 32,584,180                 | 25,201,076           | 58,603,013           |
| 39 Woolen cloth.....  | 70                      | 30,183,515           | 8,765             | 10,795,662                  | 32,321,183                 | 22,586,487           | 55,878,254           |
| 40 Coke and gas products.....                                 | 31                      | 97,882,090           | 4,401             | 7,281,903                   | 27,294,505                 | 23,620,770           | 55,788,491           |
| <b>Totals, Forty Leading Industries.....</b>                  | <b>19,063</b>           | <b>4,227,232,463</b> | <b>882,266</b>    | <b>1,321,655,863</b>        | <b>3,244,302,771</b>       | <b>2,544,952,756</b> | <b>6,358,228,888</b> |
| <b>Totals, All Industries.....</b>                            | <b>27,862</b>           | <b>5,488,785,545</b> | <b>1,152,091</b>  | <b>1,682,904,842</b>        | <b>4,037,102,725</b>       | <b>3,309,973,758</b> | <b>7,553,794,972</b> |
| Percentages of leading industries to all industries.....      | 68.4                    | 77.0                 | 76.6              | 78.5                        | 78.8                       | 76.9                 | 78.8                 |
| Primary textiles.....   | 581                     | 290,736,917          | 83,973            | 93,854,374                  | 217,509,205                | 185,794,412          | 411,553,879          |

<sup>1</sup> On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees and salaries and wages paid and second in gross value of production.

14.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1943

| Industry   | Establishments<br>No. | Capital<br>\$        | Em-<br>ployees<br>No. | Salaries<br>and<br>Wages<br>\$ | Cost<br>of<br>Materials<br>\$ | Value of Products    |                      |
|--|-----------------------|----------------------|-----------------------|--------------------------------|-------------------------------|----------------------|----------------------|
|  |                       |                      |                       |                                |                               | Net<br>\$            | Gross<br>\$          |
| 1 Non-ferrous metal<br>smelting and refin-<br>ing..... | 16                    | 392,217,159          | 26,749                | 48,491,732                     | 356,251,255                   | 111,867,020          | 511,213,376          |
| 2 Miscellaneous chemi-<br>cal products.....            | 200                   | 505,359,005          | 61,428                | 94,496,031                     | 242,940,411                   | 234,521,138          | 482,660,017          |
| 3 Slaughtering and<br>meat packing.....                | 153                   | 102,948,528          | 18,775                | 29,994,640                     | 382,284,793                   | 52,460,664           | 437,228,577          |
| 4 Shipbuilding and<br>repairs.....                     | 87                    | 241,992,825          | 75,847                | 153,595,336                    | 123,317,336                   | 249,815,120          | 376,560,974          |
| 5 Iron and steel prod-<br>ucts, mis.....               | 161                   | 276,591,433          | 48,567                | 95,810,305                     | 181,658,309                   | 170,745,001          | 364,698,074          |
| 6 Automobiles.....                                     | 5                     | 139,610,450          | 24,265                | 57,569,265                     | 248,652,602                   | 101,349,626          | 352,229,955          |
| 7 Pulp and paper.....                                  | 106                   | 697,458,143          | 37,020                | 71,199,422                     | 143,956,462                   | 165,485,944          | 345,653,470          |
| 8 Aircraft.....  | 45                    | 228,616,099          | 69,529                | 126,826,708                    | 60,448,010                    | 183,831,155          | 246,928,586          |
| 9 Electrical apparatus<br>and supplies.....            | 223                   | 161,260,825          | 46,928                | 76,900,994                     | 109,281,060                   | 134,049,332          | 245,770,859          |
| 10 Primary iron and<br>steel.....                      | 63                    | 235,396,238          | 34,222                | 65,654,468                     | 101,413,794                   | 103,552,130          | 223,951,059          |
| 11 Butter and cheese.....                              | 2,314                 | 72,237,363           | 19,181                | 23,836,366                     | 166,881,687                   | 45,318,999           | 215,771,404          |
| 12 Flour and feed mills.....                           | 1,131                 | 70,869,815           | 7,163                 | 10,015,738                     | 169,488,522                   | 29,726,569           | 201,127,291          |
| 13 Sawmills.....                                       | 5,140                 | 115,273,788          | 43,954                | 49,564,303                     | 101,921,760                   | 91,714,000           | 195,885,336          |
| 14 Brass and copper<br>products.....                   | 158                   | 73,747,578           | 21,899                | 40,731,201                     | 108,330,435                   | 81,403,059           | 192,987,718          |
| 15 Petroleum products.....                             | 52                    | 90,196,659           | 6,085                 | 12,748,732                     | 138,159,884                   | 40,705,482           | 187,106,054          |
| 16 Automobile supplies.....                            | 101                   | 78,194,016           | 21,631                | 40,328,567                     | 89,086,643                    | 62,884,770           | 175,974,983          |
| 17 Railway rolling-<br>stock.....                      | 34                    | 125,160,005          | 30,495                | 59,442,679                     | 83,069,419                    | 72,079,328           | 159,156,587          |
| 18 Machinery.....                                      | 256                   | 123,621,515          | 28,239                | 52,818,044                     | 48,685,844                    | 101,874,475          | 152,358,576          |
| 19 Clothing, men's<br>factory.....                     | 410                   | 60,916,655           | 30,885                | 37,267,075                     | 91,554,837                    | 57,782,196           | 149,800,112          |
| 20 Rubber goods (incl.<br>footwear).....               | 51                    | 73,550,768           | 15,913                | 25,342,508                     | 68,297,492                    | 59,952,041           | 130,157,780          |
| 21 Cotton yarn and<br>cloth.....                       | 40                    | 85,060,925           | 23,526                | 28,146,211                     | 80,663,290                    | 43,121,043           | 126,879,874          |
| 22 Clothing, women's<br>factory.....                   | 781                   | 44,299,242           | 25,752                | 32,385,477                     | 69,204,831                    | 55,271,412           | 124,837,780          |
| 23 Bread and other<br>bakery products.....             | 2,896                 | 57,067,417           | 26,829                | 32,891,000                     | 56,051,209                    | 59,543,244           | 120,446,625          |
| 24 Sheet metal products.....                           | 1,991                 | 77,846,582           | 16,955                | 26,577,908                     | 48,022,922                    | 46,760,657           | 96,923,991           |
| 25 Hardware, tools and<br>cutlery.....                 | 241                   | 62,873,901           | 19,228                | 33,222,087                     | 24,233,712                    | 65,715,287           | 91,290,033           |
| 26 Biscuits, confection-<br>ery, cocoa, etc.....       | 211                   | 45,310,223           | 13,469                | 16,038,887                     | 39,346,522                    | 39,833,554           | 80,261,546           |
| 27 Hosiery and knitted<br>goods.....                   | 191                   | 58,023,438           | 22,344                | 23,849,986                     | 38,532,405                    | 40,504,777           | 80,209,219           |
| 28 Acids, alkalis and<br>salts.....                    | 38                    | 102,927,307          | 8,045                 | 15,057,723                     | 27,714,019                    | 42,142,717           | 78,359,453           |
| 29 Printing and publish-<br>ing.....                   | 771                   | 87,725,311           | 17,963                | 29,724,389                     | 10,368,501                    | 58,785,506           | 76,054,227           |
| 30 Boots and shoes,<br>leather.....                    | 222                   | 34,873,991           | 18,665                | 21,677,798                     | 42,648,779                    | 32,536,365           | 75,583,954           |
| 31 Castings, iron.....                                 | 198                   | 80,193,907           | 15,916                | 28,727,856                     | 26,677,705                    | 46,396,822           | 75,479,138           |
| 32 Scientific and profes-<br>sional equipment.....     | 46                    | 63,633,603           | 10,206                | 18,739,957                     | 48,383,410                    | 24,320,313           | 73,101,627           |
| 33 Miscellaneous food<br>industries.....               | 259                   | 38,991,544           | 5,792                 | 7,744,697                      | 50,194,107                    | 22,082,845           | 72,798,428           |
| 34 Bridge and struc-<br>tural steel.....               | 22                    | 39,458,775           | 10,974                | 23,175,872                     | 24,014,652                    | 47,495,665           | 72,515,834           |
| 35 Fruit and vegetable<br>preparations.....            | 382                   | 60,753,837           | 11,894                | 12,350,468                     | 44,564,481                    | 26,298,614           | 72,228,697           |
| 36 Breweries.....                                      | 61                    | 71,607,123           | 6,613                 | 12,852,096                     | 15,918,326                    | 52,493,557           | 69,658,808           |
| 37 Fish-curing and<br>packing.....                     | 523                   | 30,741,194           | 8,621                 | 9,137,089                      | 43,366,785                    | 20,588,039           | 64,804,969           |
| 38 Tobacco, cigars and<br>cigarettes.....              | 70                    | 78,331,842           | 10,865                | 12,084,381                     | 31,476,712                    | 32,353,003           | 64,091,935           |
| 39 Planing mills, sash<br>and door factories.....      | 827                   | 42,184,892           | 13,417                | 17,168,938                     | 34,864,939                    | 27,658,085           | 63,418,426           |
| 40 Coke and gas prod-<br>ucts.....                     | 33                    | 109,465,222          | 4,381                 | 7,955,598                      | 32,434,667                    | 23,387,021           | 60,900,598           |
| <b>Totals, Forty Lead-<br/>ing industries.....</b>     | <b>18,809</b>         | <b>5,056,499,143</b> | <b>960,170</b>        | <b>1,582,148,592</b>           | <b>3,812,222,739</b>          | <b>2,987,396,665</b> | <b>6,965,271,959</b> |
| <b>Totals, All Indus-<br/>tries.....</b>               | <b>27,652</b>         | <b>6,317,166,727</b> | <b>1,241,063</b>      | <b>1,987,292,884</b>           | <b>4,690,493,083</b>          | <b>3,816,413,341</b> | <b>8,732,860,999</b> |
| Percentages to all<br>industries.....                  | 68.0                  | 80.0                 | 77.4                  | 79.6                           | 81.3                          | 78.3                 | 80.0                 |
| Primary textiles.....                                  | 598                   | 282,181,591          | 79,464                | 94,362,045                     | 215,326,696                   | 169,700,637          | 393,488,549          |

<sup>1</sup> On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees, fifth in salaries and wages paid and fourth in gross value of production.

## Section 4.—Principal Factors in Manufacturing Production

The subjects treated under this Section, in as much detail as limitations of space permit, include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

### Subsection 1.—Capital Employed

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 \$2,334,000,000 in 1917, an increase of 171 p.c. while wholesale prices have declined about 13 p.c. in the same period.

### 15.—Percentage Distribution of Capital Employed in the Manufacturing Industries by Provinces and Industrial Groups, Significant Years, 1917-43

| Province or Group                  | 1917         | 1920         | 1929         | 1933         | 1939         | 1941         | 1942         | 1943         |
|------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                    | p.c.         | p.c.         | p.c.         | p.c.         | p.c.         | p.c.         | p.c.         | p.c.         |
| <b>PROVINCE</b>                    |              |              |              |              |              |              |              |              |
| Prince Edward Island.....          | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          |
| Nova Scotia.....                   | 5.3          | 4.6          | 3.0          | 2.8          | 2.8          | 2.5          | 2.8          | 2.8          |
| New Brunswick.....                 | 2.6          | 3.5          | 2.3          | 2.7          | 2.5          | 2.0          | 1.9          | 1.8          |
| Quebec.....                        | 28.4         | 30.1         | 31.1         | 31.6         | 32.4         | 34.7         | 34.3         | 35.3         |
| Ontario.....                       | 49.6         | 50.1         | 49.6         | 48.4         | 48.3         | 47.6         | 48.0         | 47.4         |
| Manitoba.....                      | 3.6          | 3.2          | 3.0          | 3.1          | 3.3          | 3.3          | 3.2          | 2.8          |
| Saskatchewan.....                  | 1.0          | 0.8          | 1.1          | 1.2          | 1.0          | 1.0          | 0.8          | 0.9          |
| Alberta.....                       | 2.1          | 1.6          | 2.0          | 2.1          | 2.0          | 1.9          | 1.8          | 1.8          |
| British Columbia and Yukon.....    | 7.3          | 6.0          | 7.8          | 8.0          | 7.6          | 6.9          | 7.1          | 7.1          |
| <b>Totals.....</b>                 | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> |
| <b>INDUSTRIAL GROUP</b>            |              |              |              |              |              |              |              |              |
| Vegetable products.....            | 12.0         | 13.7         | 14.5         | 15.9         | 14.8         | 12.0         | 12.0         | 10.8         |
| Animal products.....               | 8.9          | 7.6          | 6.1          | 6.2          | 6.9          | 6.2          | 5.9          | 5.1          |
| Textiles and textile products..... | 8.2          | 10.4         | 9.0          | 9.1          | 9.5          | 9.0          | 8.4          | 7.2          |
| Wood and paper products.....       | 23.0         | 26.5         | 28.8         | 27.2         | 26.4         | 22.1         | 19.7         | 17.5         |
| Iron and its products.....         | 29.8         | 24.8         | 20.6         | 18.8         | 19.1         | 23.2         | 26.3         | 29.3         |
| Non-ferrous metal products.....    | 3.0          | 3.7          | 7.5          | 8.1          | 9.5          | 11.1         | 11.2         | 10.7         |
| Non-metallic mineral products..... | 6.2          | 7.4          | 7.9          | 9.0          | 8.0          | 6.7          | 6.0          | 5.6          |
| Chemicals and allied products..... | 7.5          | 4.2          | 4.1          | 4.7          | 4.7          | 7.3          | 8.6          | 12.0         |
| Miscellaneous industries.....      | 1.4          | 1.7          | 1.5          | 1.0          | 1.1          | 1.5          | 1.9          | 1.8          |

16.—Forms of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1921-42

| Year, Province or Group         | Estab-<br>lish-<br>ments | Fixed<br>Capital  | Working<br>Capital  |  |   | Total<br>Capital     |
|---------------------------------|--------------------------|---|---|--|---|----------------------|
|                                 |                          | Land,<br>Buildings,<br>Fixtures,<br>Machinery,<br>Tools and<br>Other<br>Equipment | Inventory<br>Value<br>of Raw<br>Materials,<br>Stocks in<br>Process,<br>Fuel, and<br>Mis-<br>cellaneous<br>Supplies<br>on Hand | Inventory<br>Value of<br>Finished<br>Products<br>on Hand | Cash, Bills<br>and<br>Accounts<br>Receivable,<br>Prepaid<br>Expenses,<br>etc. |                      |
|                                 | No.                      | \$  | \$  | \$   | \$  | \$                   |
| Totals, 1921                    | 20,709                   | 1,717,122,081   | 658,360,445   | 519,834,982  | 2,895,317,508   |                      |
| Totals, 1925                    | 21,301                   | 1,965,620,436   | 707,413,136   | 595,037,625  | 3,208,071,197   |                      |
| Totals, 1929                    | 22,216                   | 2,356,913,335   | 867,689,319   | 780,289,355  | 4,004,692,009   |                      |
| Totals, 1932                    | 23,102                   | 2,218,729,234   | 597,939,060   | 563,867,215  | 3,380,475,509   |                      |
| Totals, 1933                    | 23,780                   | 2,151,091,557   | 573,587,617   | 554,580,664  | 3,279,250,838   |                      |
| Totals, 1934                    | 24,209                   | 2,109,729,523   | 598,110,478   | 541,568,863  | 3,249,348,864   |                      |
| Totals, 1935                    | 24,034                   | 2,080,221,792   | 610,814,942   | 525,366,393  | 3,216,403,127   |                      |
| Totals, 1936                    | 24,202                   | 2,061,610,260   | 651,771,457   | 557,881,814  | 3,271,263,531   |                      |
| Totals, 1937                    | 24,834                   | 2,126,929,809   | 757,322,293   | 580,975,729  | 3,465,227,831   |                      |
| Totals, 1938                    | 25,200                   | 2,119,402,173   | 739,226,808   | 597,054,037  | 3,485,683,018   |                      |
| Totals, 1939                    | 24,805                   | 2,168,887,081   | 784,543,558   | 693,593,867  | 3,617,024,449   |                      |
| Totals, 1940                    | 25,513                   | 2,266,087,512   | 992,988,598   | 836,640,726  | 4,095,716,836   |                      |
| Totals, 1941                    | 26,293                   | 2,523,213,656   | 929,051,356   | 378,109,962  | 4,905,503,966   |                      |
| Totals, 1942                    | 27,862                   | 2,740,826,451   | 1,092,063,176   | 404,366,102  | 5,488,785,545   |                      |
| PROVINCES, 1943                 |                          |   |   |  |   |                      |
| Prince Edward Island            | 230                      | 2,079,533   | 529,646   | 285,766  | 980,887   | 3,881,832            |
| Nova Scotia                     | 1,278                    | 92,028,183  | 31,957,646  | 22,592,192   | 32,785,682  | 170,363,703          |
| New Brunswick                   | 862                      | 90,286,741  | 18,375,637  | 18,375,637   | 26,884,572  | 111,287,910          |
| Quebec                          | 9,372                    | 1,059,284,069   | 478,397,975   | 160,178,728  | 526,750,014   | 2,230,620,366        |
| Ontario                         | 10,587                   | 1,381,616,267   | 674,091,828   | 232,080,256  | 706,562,637   | 2,994,953,988        |
| Manitoba                        | 1,245                    | 94,296,011  | 27,185,310  | 22,564,358   | 29,706,828  | 173,752,507          |
| Saskatchewan                    | 976                      | 30,041,247  | 10,377,381  | 7,319,282  | 12,936,189  | 60,674,093           |
| Alberta                         | 1,133                    | 64,391,736  | 14,909,801  | 14,525,409   | 17,855,473  | 111,682,419          |
| British Columbia                | 1,961                    | 218,592,648   | 94,954,866  | 51,774,221   | 85,038,318  | 450,360,048          |
| Yukon and Northwest Territories | 8                        | 286,901   | 46,929  | 109,352  | 146,650   | 589,841              |
| <b>Totals, 1943</b>             | <b>27,652</b>            | <b>3,002,903,326</b>  | <b>1,350,927,019</b>  | <b>523,773,524</b>                                       | <b>1,439,662,848</b>  | <b>6,347,166,727</b> |
| INDUSTRIAL GROUPS, 1943         |                          |   |   |  |   |                      |
| Vegetable products              | 5,913                    | 282,619,237   | 147,178,142   | 91,891,156   | 162,603,768   | 684,292,303          |
| Animal products                 | 4,380                    | 141,001,687   | 51,918,182  | 52,120,459   | 79,111,538  | 324,811,863          |
| Textiles and textile products   | 2,384                    | 190,613,728   | 113,008,355   | 25,036,301   | 126,307,045   | 455,056,029          |
| Wood and paper products         | 9,974                    | 707,656,824   | 138,230,069   | 35,482,901   | 222,605,422   | 1,103,984,216        |
| Iron and its products           | 2,044                    | 737,776,577   | 559,488,023   | 133,009,303  | 422,232,149   | 1,852,506,052        |
| Non-ferrous metal products      | 597                      | 353,314,896   | 129,588,556   | 28,360,562   | 163,538,388   | 674,802,402          |
| Non-metallic mineral products   | 747                      | 223,248,695   | 46,362,712  | 31,345,015   | 50,207,832  | 351,164,254          |
| Chemicals and allied products   | 945                      | 332,751,244   | 126,483,598   | 122,764,226  | 177,865,883   | 759,864,951          |
| Miscellaneous industries        | 668                      | 33,260,448  | 38,470,382  | 3,763,604  | 35,190,223  | 110,684,657          |

## Subsection 2.—Employment in Manufactures

Using a base and taking the percentages of the wage-earners and the total employees in each year, and dividing these percentages into the corresponding volumes of manufacturing production (see p. 15 for the index of volume), tentative conclusions are arrived at regarding the efficiency of production per wage-earner

and per employee. These indexes of the efficiency of production are, of course, affected by the changes in the method of computing the number of wage-earners adopted in 1925, and then again in 1931. Inasmuch as the change increased the apparent number of employees between 1925 and 1930, it proportionately decreased the index of the efficiency of production. Comparability exists, however, between the figures prior to 1926 and subsequent to 1930. Table 17 shows only the latter period. Unfortunately, the period covered is rather limited for the purpose in view, but it is suggested that the reader compare these data with the comparable figures for 1917-30 at p. 421 of the 1939 Canada Year Book. Up to the beginning of the Second World War the indexes may be considered as supplying satisfactory evidence of a general gain in volume of production per person employed. With the outbreak of war unemployed skilled workers were first absorbed into industry, with the result that the efficiency of production was slightly bettered. As the War progressed, however, manufacturers were forced more and more to employ unskilled workers. The decline in the efficiency of production in 1942 and 1943 may, therefore, be attributed to this cause as well as to absenteeism for various causes.

**17.—Salaried Employees and Wage-Earners in Manufacturing Industries, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-43**

(1935-39=100)

NOTE.—Figures, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

| Year      | Salaried Employees | Wage-Earners | Total Employees | Percentages Relative to 1935-39 |                    | Index Number of Volume of Mfd. Products | Indexes of Efficiency of Production |              |
|-----------|--------------------|--------------|-----------------|---------------------------------|--------------------|---|-------------------------------------|--------------|
|           |                    |              |                 | Of Wage-Earners                 | Of Total Employees |   | Per Wage-Earner                     | Per Employee |
|           |                    |              |                 | p. c.                           | p. c.              |   |                                     |              |
| 1931..... | 91,491             | 437,149      | 528,640         | 85.6                            | 84.9               | 80.0                                    | 93.2                                | 94.2         |
| 1932..... | 87,050             | 381,783      | 468,833         | 74.9                            | 75.3               | 67.6                                    | 90.3                                | 89.8         |
| 1933..... | 86,636             | 382,022      | 468,658         | 75.0                            | 75.3               | 67.7                                    | 90.3                                | 89.9         |
| 1934..... | 92,095             | 427,717      | 519,812         | 83.9                            | 83.5               | 79.0                                    | 94.9                                | 95.3         |
| 1935..... | 97,930             | 458,734      | 556,664         | 90.0                            | 89.5               | 87.9                                    | 97.7                                | 98.2         |
| 1936..... | 104,417            | 489,942      | 594,359         | 96.1                            | 95.5               | 96.2                                    | 100.1                               | 100.7        |
| 1937..... | 115,827            | 544,624      | 660,451         | 106.9                           | 106.1              | 108.9                                   | 101.9                               | 102.6        |
| 1938..... | 120,589            | 521,427      | 642,016         | 102.3                           | 103.2              | 100.8                                   | 98.5                                | 97.7         |
| 1939..... | 124,772            | 533,342      | 658,114         | 104.7                           | 105.8              | 106.3                                   | 101.5                               | 100.5        |
| 1940..... | 135,760            | 626,484      | 762,244         | 122.9                           | 122.5              | 125.2                                   | 101.9                               | 102.2        |
| 1941..... | 158,944            | 802,234      | 961,178         | 157.4                           | 154.5              | 155.9                                   | 99.0                                | 100.9        |
| 1942..... | 177,187            | 974,904      | 1,152,091       | 191.3                           | 185.1              | 179.9                                   | 94.0                                | 97.2         |
| 1943..... | 193,195            | 1,047,873    | 1,241,068       | 205.6                           | 199.4              | 187.7                                   | 91.3                                | 94.1         |

**Monthly Record of Employment in Manufactures.**—Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospects of the season's harvest. 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 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. With the outbreak of war the improvement in employment became increasingly rapid. A new high record was attained in August, 1943, when 1,067,890 wage-earners were employed, an increase of 96.4 p.c. over the same month in 1939.

## 18.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-43

| Month              | 1922    | 1929    | 1933    | 1939    | 1940    | 1941    | 1942      | 1943      |
|--------------------|---------|---------|---------|---------|---------|---------|-----------|-----------|
| TOTAL WAGE-EARNERS |         |         |         |         |         |         |           |           |
| January            | 324,257 | 502,644 | 340,027 | 490,337 | 560,093 | 700,133 | 892,366   | 1,023,261 |
| February           | 336,729 | 519,423 | 347,777 | 496,160 | 570,169 | 719,822 | 914,395   | 1,030,878 |
| March              | 349,110 | 536,866 | 355,888 | 503,475 | 578,317 | 739,680 | 930,043   | 1,036,648 |
| April              | 360,248 | 555,711 | 358,750 | 509,730 | 590,221 | 757,058 | 946,291   | 1,033,748 |
| May                | 382,504 | 574,005 | 377,659 | 530,804 | 611,678 | 787,137 | 967,551   | 983,058   |
| June               | 391,035 | 575,993 | 392,196 | 531,245 | 622,561 | 806,635 | 985,796   | 1,058,645 |
| July               | 391,186 | 573,554 | 393,464 | 529,575 | 635,124 | 819,732 | 997,670   | 1,056,975 |
| August             | 389,511 | 567,022 | 402,249 | 543,605 | 651,923 | 843,252 | 1,011,341 | 1,067,890 |
| September          | 392,423 | 564,796 | 410,954 | 562,355 | 675,381 | 861,774 | 1,014,030 | 1,066,595 |
| October            | 385,262 | 553,338 | 405,757 | 568,564 | 672,003 | 859,591 | 1,005,830 | 1,053,486 |
| November           | 378,992 | 527,213 | 396,384 | 503,117 | 668,883 | 858,832 | 1,006,262 | 1,049,736 |
| December           | 367,724 | 499,893 | 380,612 | 544,817 | 652,486 | 842,848 | 992,880   | 1,021,630 |
| MALE               |         |         |         |         |         |         |           |           |
| January            | 213,682 | 397,459 | 257,445 | 381,997 | 436,221 | 549,976 | 683,455   | 751,269   |
| February           | 253,178 | 410,865 | 260,728 | 385,955 | 443,917 | 564,176 | 698,435   | 755,181   |
| March              | 263,849 | 426,711 | 267,259 | 391,623 | 459,941 | 579,757 | 708,845   | 757,702   |
| April              | 274,821 | 443,560 | 271,348 | 398,982 | 463,870 | 597,250 | 720,285   | 755,888   |
| May                | 294,095 | 459,783 | 285,705 | 416,963 | 483,027 | 621,396 | 736,499   | 704,158   |
| June               | 304,395 | 460,294 | 296,937 | 417,975 | 493,555 | 636,633 | 750,012   | 720,003   |
| July               | 304,020 | 459,051 | 300,329 | 417,987 | 504,422 | 646,237 | 756,047   | 779,687   |
| August             | 301,234 | 449,721 | 302,969 | 421,895 | 512,538 | 654,782 | 753,633   | 777,733   |
| September          | 298,918 | 441,510 | 304,908 | 431,599 | 523,781 | 662,465 | 748,193   | 767,043   |
| October            | 291,973 | 432,576 | 301,315 | 437,220 | 524,875 | 661,454 | 730,884   | 754,484   |
| November           | 286,511 | 412,114 | 294,945 | 432,920 | 523,330 | 659,011 | 730,471   | 753,211   |
| December           | 277,854 | 391,003 | 285,690 | 422,538 | 514,079 | 649,766 | 731,647   | 738,073   |
| FEMALE             |         |         |         |         |         |         |           |           |
| January            | 89,575  | 105,185 | 82,582  | 108,340 | 123,872 | 150,157 | 209,911   | 271,992   |
| February           | 83,551  | 108,558 | 87,049  | 110,205 | 126,222 | 155,646 | 215,900   | 275,697   |
| March              | 85,261  | 110,153 | 88,629  | 111,852 | 127,376 | 159,923 | 221,198   | 278,946   |
| April              | 85,427  | 112,142 | 87,411  | 110,767 | 126,351 | 160,402 | 220,006   | 277,860   |
| May                | 88,400  | 115,122 | 91,954  | 113,901 | 128,651 | 165,741 | 231,052   | 218,900   |
| June               | 89,540  | 115,399 | 95,259  | 113,270 | 129,006 | 170,002 | 235,784   | 282,642   |
| July               | 87,166  | 114,503 | 93,135  | 111,588 | 130,702 | 173,495 | 241,623   | 277,288   |
| August             | 88,277  | 117,301 | 99,280  | 121,730 | 139,385 | 188,470 | 257,678   | 290,157   |
| September          | 93,505  | 123,286 | 106,046 | 130,846 | 151,600 | 199,309 | 265,837   | 299,552   |
| October            | 93,289  | 120,762 | 104,442 | 131,344 | 147,728 | 198,137 | 265,946   | 290,002   |
| November           | 82,481  | 115,099 | 101,439 | 130,197 | 145,553 | 199,821 | 269,791   | 296,527   |
| December           | 89,870  | 107,990 | 94,922  | 122,279 | 138,407 | 193,082 | 261,233   | 283,557   |

**Hours Worked by Wage-Earners.**—From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1943, each firm was required to report the number of hours worked by all its wage-earners 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 Tables 19 to 22 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 wage-earners, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of this increase no doubt being due to the inclusion of overtime. For 1942 and 1943 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.e. of the male and

5.3 p.c. of the female wage-earners working under 30 hours per week, in 1943 these percentages rose to 4.6 p.c. and 10.1 p.c., respectively. Also the number of hours worked by females averaged 5.6 less than the number of hours worked by their male co-workers.

### 19.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours' per Week in the Month of Highest Employment, 1938-43

Note.—Hours worked per week in 1932-37 are given at p. 386 of the 1942 edition of the Canada Year Book; in 1940 at p. 392 of the 1943-44 edition.

| Hours Worked per Week                   | 1938           | 1939           | 1940           | 1941           | 1942             | 1943             |
|---|----------------|----------------|----------------|----------------|------------------|------------------|
| <b>TOTAL WAGE-EARNERS</b>               |                |                |                |                |                  |                  |
|   | No.            | No.            | No.            | No.            | No.              | No.              |
| 30 or less.....                         | 24,073         | 19,849         | 29,313         | 36,064         | 48,714           | 74,400           |
| 31-43.....                              | 99,125         | 85,597         | 72,858         | 77,461         | 98,200           | 128,755          |
| 44.....                                 | 83,763         | 81,128         | 70,526         | 85,040         | 88,049           | 88,964           |
| 45-47.....                              | 66,268         | 64,031         | 61,293         | 69,844         | 80,613           | 100,861          |
| 48.....                                 | 121,625        | 130,596        | 149,321        | 190,437        | 244,899          | 248,683          |
| 49-50.....                              | 62,294         | 65,822         | 79,808         | 92,931         | 105,434          | 115,606          |
| 51-54.....                              | 39,596         | 46,165         | 80,611         | 120,645        | 147,229          | 151,231          |
| 55.....                                 | 20,575         | 24,316         | 37,775         | 55,701         | 63,702           | 62,701           |
| 56-64.....                              | 60,755         | 61,067         | 144,474        | 187,184        | 193,297          | 176,730          |
| 65 or over.....                         | 8,755          | 8,478          | 47,341         | 63,913         | 73,590           | 60,665           |
| <b>Totals, Wage-Earners.....</b>        | <b>586,879</b> | <b>586,959</b> | <b>773,318</b> | <b>979,720</b> | <b>1,143,727</b> | <b>1,208,002</b> |
| <b>Average Hours per Week.....</b>      | <b>46.7</b>    | <b>47.2</b>    | <b>50.1</b>    | <b>50.6</b>    | <b>50.2</b>      | <b>48.8</b>      |
| <b>MALE</b>                             |                |                |                |                |                  |                  |
|   | No.            | No.            | No.            | No.            | No.              | No.              |
| 30 or less.....                         | 15,430         | 12,868         | 19,307         | 23,635         | 30,166           | 39,985           |
| 31-43.....                              | 76,842         | 64,780         | 53,422         | 50,960         | 59,146           | 68,530           |
| 44.....                                 | 59,983         | 57,667         | 48,028         | 60,062         | 58,342           | 53,565           |
| 45-47.....                              | 47,877         | 45,703         | 42,128         | 43,554         | 47,403           | 62,701           |
| 48.....                                 | 97,287         | 103,636        | 120,253        | 149,612        | 182,783          | 185,913          |
| 49-50.....                              | 45,081         | 48,378         | 55,596         | 65,541         | 70,870           | 75,975           |
| 51-54.....                              | 33,744         | 37,439         | 61,992         | 90,044         | 106,657          | 114,739          |
| 55.....                                 | 16,493         | 19,766         | 28,893         | 43,431         | 48,996           | 49,194           |
| 56-64.....                              | 56,171         | 56,837         | 128,100        | 165,242        | 171,775          | 158,657          |
| 65 or over.....                         | 8,224          | 8,936          | 43,878         | 59,250         | 67,776           | 56,837           |
| <b>Totals, Male Wage-Earners.....</b>   | <b>457,041</b> | <b>455,110</b> | <b>601,597</b> | <b>749,310</b> | <b>813,914</b>   | <b>866,094</b>   |
| <b>Average Hours per Week.....</b>      | <b>47.3</b>    | <b>48.1</b>    | <b>50.9</b>    | <b>51.5</b>    | <b>51.3</b>      | <b>50.4</b>      |
| <b>FEMALE</b>                           |                |                |                |                |                  |                  |
|   | No.            | No.            | No.            | No.            | No.              | No.              |
| 30 or less.....                         | 8,634          | 6,981          | 10,006         | 12,429         | 18,548           | 34,421           |
| 31-43.....                              | 23,283         | 20,817         | 19,434         | 26,492         | 39,054           | 60,225           |
| 44.....                                 | 23,780         | 23,461         | 22,408         | 24,978         | 29,707           | 35,401           |
| 45-47.....                              | 18,391         | 18,328         | 19,185         | 26,290         | 33,210           | 38,160           |
| 48.....                                 | 24,338         | 26,870         | 29,068         | 40,825         | 62,116           | 62,170           |
| 49-50.....                              | 16,313         | 17,444         | 24,212         | 29,390         | 34,564           | 39,631           |
| 51-54.....                              | 5,852          | 8,726          | 18,619         | 30,601         | 40,572           | 36,492           |
| 55.....                                 | 4,082          | 4,550          | 8,882          | 12,270         | 14,706           | 13,507           |
| 56-64.....                              | 4,584          | 4,230          | 16,374         | 21,942         | 21,522           | 18,073           |
| 65 or over.....                         | 531            | 442            | 3,463          | 4,661          | 5,814            | 3,828            |
| <b>Totals, Female Wage-Earners.....</b> | <b>129,788</b> | <b>131,840</b> | <b>171,721</b> | <b>229,880</b> | <b>299,813</b>   | <b>341,908</b>   |
| <b>Average Hours per Week.....</b>      | <b>44.6</b>    | <b>45.2</b>    | <b>47.3</b>    | <b>47.6</b>    | <b>46.9</b>      | <b>41.8</b>      |

<sup>1</sup> For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1943 overtime is included.



20.—Wage-Earners Working Specified Weekly Hours<sup>1</sup> in Month of Highest Employment, by Sex, Province and Industrial Group, 1913

| Province or Industrial Group         | Hours Worked per Week |               |               |               |                |               |                |               |                |               | Total Wage-Earners | Average Hours Worked per Week |
|--------------------------------------|-----------------------|---------------|---------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|--------------------|-------------------------------|
|                                      | 30 or Less            | 31-43         | 44            | 45-47         | 48             | 49-50         | 51-54          | 55            | 56-64          | 65 or Over    |                    |                               |
| <b>MALE</b>                          |                       |               |               |               |                |               |                |               |                |               |                    |                               |
| Province                             | No.                   | No.           | No.           | No.           | No.            | No.           | No.            | No.           | No.            | No.           | No.                | No.                           |
| Prince Edward Island.....            | 11                    | 18            | 38            | 16            | 120            | 29            | 180            | 20            | 86             | 283           | 801                | 56.0                          |
| Nova Scotia.....                     | 1,522                 | 2,417         | 1,301         | 1,161         | 5,071          | 1,201         | 5,620          | 924           | 7,602          | 3,642         | 30,461             | 52.4                          |
| New Brunswick.....                   | 896                   | 1,188         | 392           | 794           | 3,388          | 1,904         | 3,202          | 719           | 6,247          | 1,367         | 20,187             | 52.4                          |
| Quebec.....                          | 10,256                | 20,548        | 13,663        | 21,021        | 47,746         | 27,651        | 41,083         | 18,911        | 69,091         | 28,413        | 298,983            | 52.2                          |
| Ontario.....                         | 20,771                | 33,357        | 22,562        | 31,835        | 74,808         | 36,490        | 52,103         | 26,494        | 62,872         | 20,076        | 381,363            | 49.7                          |
| Manitoba.....                        | 1,060                 | 1,694         | 2,719         | 1,351         | 7,360          | 3,061         | 3,069          | 837           | 3,930          | 899           | 25,980             | 49.3                          |
| Saskatchewan.....                    | 575                   | 627           | 439           | 407           | 1,120          | 614           | 1,372          | 408           | 2,754          | 592           | 8,908              | 51.7                          |
| Alberta.....                         | 673                   | 1,347         | 1,396         | 894           | 3,554          | 1,295         | 3,050          | 471           | 2,607          | 471           | 15,728             | 49.4                          |
| British Columbia.....                | 4,211                 | 7,334         | 11,053        | 5,252         | 42,709         | 3,640         | 5,054          | 410           | 2,848          | 1,094         | 83,005             | 46.2                          |
| Yukon and Northwest Territories..... | 10                    |               |               |               | 42             |               |                | 6             | 20             |               | 78                 | 48.5                          |
| <b>Totals</b> .....                  | <b>39,985</b>         | <b>68,530</b> | <b>53,563</b> | <b>62,701</b> | <b>185,913</b> | <b>75,975</b> | <b>114,739</b> | <b>49,194</b> | <b>158,657</b> | <b>56,837</b> | <b>866,084</b>     | <b>50.4</b>                   |
| Industrial Group                     | No.                   | No.           | No.           | No.           | No.            | No.           | No.            | No.           | No.            | No.           | No.                | No.                           |
| Vegetable products.....              | 6,665                 | 5,610         | 3,284         | 4,209         | 10,650         | 6,165         | 11,663         | 3,832         | 15,196         | 5,589         | 72,863             | 50.2                          |
| Animal products.....                 | 2,377                 | 3,561         | 1,727         | 3,548         | 3,467          | 5,363         | 6,059          | 3,147         | 5,157          | 1,324         | 35,730             | 49.1                          |
| Textiles and textile products.....   | 1,957                 | 5,558         | 6,840         | 3,361         | 7,187          | 14,671        | 4,834          | 5,209         | 5,743          | 1,944         | 57,304             | 48.9                          |
| Wood and paper products.....         | 7,558                 | 11,043        | 10,594        | 10,232        | 32,192         | 9,831         | 17,511         | 9,677         | 46,563         | 8,265         | 163,466            | 51.3                          |
| Iron and its products.....           | 14,282                | 29,368        | 20,098        | 21,457        | 80,994         | 28,093        | 48,492         | 18,471        | 64,678         | 32,740        | 368,673            | 51.0                          |
| Non-ferrous metal products.....      | 3,046                 | 5,249         | 2,714         | 5,035         | 25,651         | 5,829         | 10,122         | 6,065         | 9,170          | 2,714         | 75,595             | 50.0                          |
| Non-metallic mineral products.....   | 1,172                 | 2,559         | 3,718         | 1,065         | 6,619          | 1,291         | 2,649          | 856           | 4,423          | 1,333         | 25,705             | 49.2                          |
| Chemicals and allied products.....   | 2,149                 | 4,587         | 3,149         | 2,609         | 17,430         | 3,170         | 11,388         | 1,153         | 6,019          | 2,468         | 54,122             | 49.3                          |
| Miscellaneous industries.....        | 779                   | 996           | 1,439         | 1,185         | 1,723          | 1,562         | 2,021          | 784           | 1,708          | 440           | 12,636             | 48.8                          |

<sup>1</sup>Including overtime.

<sup>2</sup>Exclusive of "dairy factories" and "fish-curing and -packing" plants.

20.—Wage-Earners Working Specified Weekly Hours<sup>1</sup> in Month of Highest Employment, by Sex, Province and Industrial Group, 1943—  
concluded

| Province or Industrial Group         | Hours Worked per Week |               |               |               |               |               |               |               |               |              | Total Wage-Earners | Average Hours Worked per Week |
|--------------------------------------|-----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------------|-------------------------------|
|                                      | 30 or Less            | 31-43         | 44            | 45-47         | 48            | 49-50         | 51-54         | 55            | 56-64         | 65 or Over   |                    |                               |
| <b>FEMALE</b>                        |                       |               |               |               |               |               |               |               |               |              |                    |                               |
| Province                             | No.                   | No.           | No.           | No.           | No.           | No.           | No.           | No.           | No.           | No.          | No.                | No.                           |
| Prince Edward Island.....            | 9                     | 24            | 9             | 8             | 49            | 6             | 19            | 4             | 96            | 19           | 243                | 52.8                          |
| Nova Scotia.....                     | 492                   | 790           | 590           | 447           | 637           | 793           | 1,014         | 440           | 740           | 60           | 6,003              | 47.2                          |
| New Brunswick.....                   | 350                   | 678           | 352           | 487           | 1,066         | 697           | 541           | 180           | 242           | 9            | 4,572              | 45.7                          |
| Quebec.....                          | 8,357                 | 21,649        | 10,740        | 14,246        | 27,944        | 17,049        | 17,789        | 5,076         | 5,969         | 1,275        | 130,094            | 45.9                          |
| Ontario.....                         | 22,342                | 31,610        | 16,270        | 19,057        | 24,095        | 19,394        | 15,576        | 7,562         | 9,783         | 2,128        | 167,817            | 43.9                          |
| Manitoba.....                        | 722                   | 1,920         | 2,903         | 1,129         | 1,077         | 761           | 573           | 73            | 365           | 50           | 9,573              | 43.4                          |
| Saskatchewan.....                    | 125                   | 163           | 180           | 172           | 521           | 92            | 222           | 33            | 160           | 132          | 1,800              | 48.2                          |
| Alberta.....                         | 207                   | 477           | 971           | 599           | 1,206         | 208           | 177           | 37            | 97            | 28           | 4,007              | 45.2                          |
| British Columbia.....                | 1,817                 | 2,914         | 3,386         | 2,015         | 5,575         | 661           | 581           | 102           | 618           | 127          | 17,796             | 43.7                          |
| Yukon and Northwest Territories..... | -                     | -             | -             | -             | -             | -             | -             | -             | 3             | -            | 3                  | 60.0                          |
| <b>Totals<sup>2</sup>.....</b>       | <b>34,421</b>         | <b>60,225</b> | <b>35,401</b> | <b>38,169</b> | <b>62,170</b> | <b>39,631</b> | <b>36,492</b> | <b>13,507</b> | <b>18,073</b> | <b>3,828</b> | <b>311,998</b>     | <b>44.8</b>                   |
| Industrial Group                     | No.                   | No.           | No.           | No.           | No.           | No.           | No.           | No.           | No.           | No.          | No.                | No.                           |
| Vegetable products.....              | 9,466                 | 10,377        | 4,052         | 5,751         | 7,962         | 4,004         | 4,592         | 1,371         | 3,896         | 795          | 52,176             | 43.0                          |
| Animal products.....                 | 1,867                 | 3,522         | 1,979         | 3,322         | 2,675         | 3,145         | 1,893         | 692           | 803           | 110          | 20,098             | 44.7                          |
| Textiles and textile products.....   | 7,256                 | 18,620        | 14,344        | 11,264        | 16,625        | 17,011        | 5,600         | 4,314         | 989           | 337          | 96,360             | 44.6                          |
| Wood and paper products.....         | 4,144                 | 4,847         | 4,368         | 3,525         | 4,245         | 2,691         | 1,882         | 1,071         | 1,070         | 289          | 28,132             | 43.2                          |
| Iron and its products.....           | 5,136                 | 9,496         | 4,672         | 6,678         | 13,543        | 5,771         | 7,800         | 3,148         | 8,467         | 1,657        | 66,368             | 47.2                          |
| Non-ferrous metal products.....      | 2,398                 | 4,424         | 2,027         | 3,048         | 4,528         | 4,700         | 4,224         | 2,304         | 1,566         | 281          | 29,509             | 46.3                          |
| Non-metallic mineral products.....   | 241                   | 660           | 247           | 458           | 998           | 310           | 318           | 29            | 81            | 10           | 3,358              | 44.6                          |
| Chemicals and allied products.....   | 2,715                 | 6,605         | 2,266         | 2,892         | 10,463        | 1,139         | 9,356         | 326           | 895           | 343          | 37,000             | 45.7                          |
| Miscellaneous industries.....        | 1,198                 | 1,668         | 1,446         | 1,222         | 1,131         | 851           | 827           | 252           | 396           | 6            | 8,997              | 43.3                          |

<sup>1</sup> Including overtime.

<sup>2</sup> Exclusive of "dairy factories" and "fish-curing and -packing" plants.

## 21.—Male Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours<sup>1</sup> in Month of Highest Employment, 1943

NOTE.—Industries ranked according to the annual number of male wage-earners employed.

| Industry  | Hours Worked per Week |               |               |               |                |               |                |               |                |               | Total Wage-Earners | Average Hours Worked per Week |    |
|---|-----------------------|---------------|---------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|--------------------|-------------------------------|----|
|   | 30 or Less            | 31-43         | 44            | 45-47         | 48             | 49-50         | 51-54          | 55            | 50-64          | 65 or Over    |                    |                               |    |
|   | No.                   | No.           | No.           | No.           | No.            | No.           | No.            | No.           | No.            | No.           |                    |                               |    |
| 1 Shipbuilding and repairs                          | 2,914                 | 6,097         | 4,765         | 11,230        | 21,372         | 4,044         | 8,353          | 919           | 8,853          | 8,566         | 77,113             | 50-2                          | 1  |
| 2 Aircraft  | 1,885                 | 3,012         | 2,715         | 1,943         | 6,148          | 2,208         | 11,867         | 1,682         | 13,296         | 5,744         | 50,500             | 53-2                          | 2  |
| 3 Sawmills  | 1,525                 | 1,851         | 1,308         | 1,470         | 12,793         | 2,047         | 6,590          | 2,307         | 31,703         | 1,635         | 63,229             | 54-3                          | 3  |
| 4 Pulp and paper                                    | 1,305                 | 2,143         | 499           | 890           | 11,833         | 1,737         | 3,767          | 862           | 6,786          | 3,934         | 33,756             | 52-0                          | 4  |
| 5 Primary iron and steel                            | 1,564                 | 3,347         | 1,467         | 1,543         | 7,638          | 1,777         | 3,697          | 1,311         | 8,278          | 2,014         | 32,636             | 50-8                          | 5  |
| 6 Miscellaneous chemical products                   | 1,073                 | 2,952         | 1,140         | 1,398         | 11,477         | 2,305         | 10,048         | 853           | 3,432          | 1,551         | 36,295             | 49-8                          | 6  |
| 7 Miscellaneous iron and steel products             | 1,352                 | 3,717         | 804           | 2,620         | 6,145          | 1,461         | 2,184          | 3,288         | 7,755          | 4,550         | 33,876             | 52-1                          | 7  |
| 8 Railway rolling-stock                             | 310                   | 2,654         | 3,645         | 1,585         | 15,661         | 2,131         | 2,152          | 406           | 968            | 436           | 29,948             | 47-4                          | 8  |
| 9 Non-ferrous metal smelting and refining           | 637                   | 790           | 205           | 1,368         | 18,537         | 259           | 1,139          | 64            | 1,338          | 169           | 24,505             | 48-0                          | 9  |
| 10 Electrical apparatus and supplies                | 885                   | 1,376         | 909           | 1,841         | 1,569          | 3,216         | 5,593          | 5,000         | 3,211          | 897           | 24,497             | 51-3                          | 10 |
| 11 Machinery  | 884                   | 1,397         | 1,584         | 919           | 880            | 2,370         | 3,981          | 2,223         | 5,757          | 3,365         | 23,340             | 53-9                          | 11 |
| 12 Automobiles                                      | 778                   | 2,004         | 864           | 3,323         | 10,387         | 1,070         | 2,052          | 161           | 1,059          | 49            | 21,747             | 46-9                          | 12 |
| 13 Bread and other bakery products                  | 918                   | 347           | 364           | 582           | 2,715          | 1,547         | 4,188          | 1,251         | 4,996          | 242           | 17,150             | 51-9                          | 13 |
| 14 Brass and copper products                        | 845                   | 1,941         | 740           | 1,080         | 3,803          | 1,448         | 2,064          | 757           | 3,968          | 1,479         | 17,825             | 50-7                          | 14 |
| 15 Automobile supplies                              | 726                   | 1,309         | 593           | 1,480         | 1,605          | 1,888         | 3,077          | 900           | 3,084          | 1,228         | 15,890             | 51-2                          | 15 |
| 16 Castings, iron                                   | 523                   | 923           | 689           | 1,057         | 1,840          | 2,173         | 2,623          | 999           | 2,482          | 1,440         | 14,740             | 51-8                          | 16 |
| 17 Hardware and tools                               | 660                   | 795           | 390           | 698           | 854            | 1,827         | 1,116          | 2,707         | 3,018          | 1,433         | 14,098             | 53-3                          | 17 |
| 18 Cotton yarn and cloth                            | 178                   | 157           | 39            | 119           | 1,114          | 8,982         | 405            | 1,064         | 788            | 292           | 13,138             | 50-5                          | 18 |
| 19 Slaughtering and meat packing                    | 1,141                 | 1,321         | 283           | 877           | 1,403          | 1,619         | 2,684          | 1,068         | 3,389          | 771           | 14,566             | 50-9                          | 19 |
| 20 Sheet metal products                             | 604                   | 1,098         | 872           | 1,054         | 1,361          | 1,637         | 1,612          | 1,108         | 2,937          | 733           | 12,116             | 50-2                          | 20 |
| 21 Agricultural implements                          | 196                   | 448           | 142           | 2,114         | 4,271          | 723           | 1,083          | 569           | 1,151          | 166           | 10,803             | 49-2                          | 21 |
| 22 Planing mills, sash and door factories           | 715                   | 814           | 1,008         | 685           | 1,051          | 1,030         | 1,825          | 1,021         | 2,521          | 624           | 11,894             | 50-6                          | 22 |
| 23 Furniture  | 533                   | 914           | 953           | 2,937         | 647            | 909           | 1,228          | 2,121         | 644            | 293           | 11,179             | 48-4                          | 23 |
| 24 Bridge and structural steel                      | 690                   | 653           | 415           | 577           | 593            | 2,410         | 1,520          | 195           | 2,070          | 1,150         | 10,273             | 51-5                          | 24 |
| 25 Boots and shoes, leather                         | 483                   | 880           | 407           | 1,607         | 1,000          | 2,007         | 1,534          | 1,028         | 464            | 71            | 9,481              | 47-9                          | 25 |
| 26 Rubber goods, including rubber footwear          | 494                   | 1,466         | 344           | 988           | 1,297          | 1,169         | 1,669          | 451           | 1,369          | 240           | 9,496              | 48-4                          | 26 |
| 27 Printing and publishing                          | 542                   | 2,046         | 1,239         | 1,172         | 1,729          | 388           | 379            | 46            | 231            | 192           | 7,874              | 43-6                          | 27 |
| 28 Clothing, men's factory                          | 193                   | 1,137         | 4,001         | 4,626         | 1,262          | 504           | 198            | 20            | 52             | 23            | 7,816              | 44-0                          | 28 |
| 29 Printing and bookbinding                         | 491                   | 699           | 2,742         | 852           | 1,062          | 316           | 444            | 115           | 412            | 174           | 7,307              | 45-3                          | 29 |
| 30 Acids, alkalis and salts                         | 231                   | 418           | 623           | 142           | 3,043          | 122           | 310            | 47            | 1,446          | 226           | 6,608              | 49-7                          | 30 |
| 31 Hosiery and knitted goods                        | 245                   | 344           | 160           | 472           | 1,134          | 1,212         | 815            | 1,093         | 903            | 252           | 6,339              | 50-3                          | 31 |
| 32 Silk and artificial silk                         | 184                   | 522           | 204           | 394           | 869            | 1,423         | 542            | 422           | 1,005          | 284           | 5,849              | 50-4                          | 32 |
| 33 Fruit and vegetable preparations                 | 2,883                 | 1,109         | 230           | 516           | 376            | 519           | 927            | 455           | 2,387          | 2,616         | 12,018             | 49-2                          | 33 |
| 34 Machine shops                                    | 509                   | 512           | 472           | 312           | 440            | 642           | 990            | 334           | 1,317          | 687           | 6,215              | 51-0                          | 34 |
| 35 Heating and cooking apparatus                    | 205                   | 458           | 252           | 339           | 948            | 758           | 626            | 532           | 965            | 202           | 5,285              | 50-6                          | 35 |
| 36 Scientific and professional equipment            | 108                   | 254           | 274           | 281           | 935            | 866           | 1,016          | 256           | 853            | 170           | 4,813              | 51-0                          | 36 |
| 37 Flour and feed mills                             | 333                   | 255           | 89            | 144           | 1,364          | 259           | 776            | 142           | 1,403          | 487           | 5,252              | 51-9                          | 37 |
| 38 Boxes, wooden                                    | 623                   | 405           | 174           | 337           | 855            | 484           | 501            | 1,187         | 1,005          | 187           | 5,758              | 49-3                          | 38 |
| 39 Clothing, women's factory                        | 211                   | 1,747         | 1,249         | 502           | 756            | 184           | 203            | 20            | 93             | 11            | 4,976              | 42-5                          | 39 |
| 40 Petroleum products                               | 86                    | 668           | 2,469         | 90            | 1,303          | 76            | 192            | 6             | 206            | 50            | 5,236              | 45-4                          | 40 |
| <b>Totals, Forty Leading Industries<sup>2</sup></b> | <b>30,642</b>         | <b>54,950</b> | <b>41,337</b> | <b>51,964</b> | <b>161,070</b> | <b>62,207</b> | <b>95,969</b>  | <b>38,990</b> | <b>136,785</b> | <b>48,552</b> | <b>725,496</b>     | <b>50-7</b>                   |    |
| <b>Totals, All Industries<sup>2</sup></b>           | <b>39,985</b>         | <b>68,530</b> | <b>53,563</b> | <b>62,701</b> | <b>188,913</b> | <b>75,975</b> | <b>114,739</b> | <b>49,194</b> | <b>158,657</b> | <b>56,837</b> | <b>866,091</b>     | <b>50-4</b>                   |    |

<sup>1</sup> Includes overtime.

<sup>2</sup> Figures are exclusive of those for "butter and cheese" and "fish curing and packing"; these are among the leading industries, but figures are not available.

22.—Female Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours<sup>1</sup> in Month of Highest Employment, 1943

NOTE.—Industries ranked according to the annual number of female wage-earners employed.

| Industry  | Hours Worked per Week |               |               |               |               |               |               |               |               |              | Total Wage-Earners | Average Hours Worked per Week |
|---|-----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------------|-------------------------------|
|   | 30 or Less            | 31-43         | 44            | 45-47         | 48            | 49-50         | 51-54         | 55            | 56-64         | 65 or Over   |                    |                               |
|   | No.                   | No.           | No.           | No.           | No.           | No.           | No.           | No.           | No.           | No.          | No.                | No.                           |
| 1 Miscellaneous chemical products                   | 1,885                 | 4,816         | 765           | 1,920         | 9,744         | 912           | 9,166         | 315           | 720           | 313          | 30,565             | 47.1                          |
| 2 Clothing, men's factory                           | 1,239                 | 4,309         | 6,545         | 1,884         | 4,163         | 3,325         | 628           | 23            | 25            | 7            | 22,148             | 45.6                          |
| 3 Clothing, women's factory                         | 1,643                 | 5,648         | 3,919         | 2,949         | 3,492         | 554           | 442           | 30            | 52            | 1            | 18,760             | 41.7                          |
| 4 Electrical apparatus and supplies                 | 1,429                 | 2,579         | 832           | 2,101         | 1,704         | 3,776         | 3,491         | 2,175         | 645           | 244          | 19,036             | 47.0                          |
| 5 Aircraft  | 1,232                 | 1,916         | 1,735         | 1,013         | 3,325         | 773           | 3,837         | 699           | 3,871         | 692          | 19,093             | 49.0                          |
| 6 Hosiery and knitted goods                         | 1,410                 | 2,017         | 914           | 2,088         | 2,962         | 2,168         | 1,342         | 1,261         | 113           | 204          | 15,109             | 45.0                          |
| 7 Miscellaneous iron and steel products             | 1,506                 | 2,538         | 501           | 2,498         | 3,590         | 768           | 1,531         | 779           | 2,401         | 696          | 16,808             | 47.3                          |
| 8 Cotton yarn and cloth                             | 481                   | 491           | 60            | 314           | 1,533         | 6,395         | 631           | 898           | 131           | 63           | 10,987             | 45.4                          |
| 9 Boots and shoes, leather                          | 526                   | 1,433         | 424           | 1,520         | 949           | 1,761         | 739           | 378           | 211           | 12           | 7,953              | 45.3                          |
| 10 Biscuits, confectionery, cocoa, etc.             | 1,821                 | 1,586         | 980           | 1,183         | 916           | 755           | 642           | 244           | 149           | 20           | 8,300              | 41.0                          |
| 11 Bread and other bakery products                  | 1,191                 | 732           | 679           | 727           | 2,231         | 517           | 808           | 213           | 166           | 12           | 7,270              | 43.6                          |
| 12 Tobacco, cigars and cigarettes                   | 773                   | 2,077         | 360           | 1,016         | 1,285         | 901           | 885           | 510           | 25            | 108          | 6,474              | 41.8                          |
| 13 Fruit and vegetable preparations                 | 3,849                 | 2,666         | 465           | 1,071         | 901           | 885           | 1,351         | 644           | 2,573         | 611          | 15,016             | 43.6                          |
| 14 Boxes and bags, paper                            | 885                   | 1,081         | 447           | 754           | 692           | 759           | 569           | 122           | 142           | 23           | 5,537              | 42.8                          |
| 15 Rubber goods, including rubber footwear          | 656                   | 1,641         | 344           | 736           | 469           | 847           | 589           | 122           | 158           | 1            | 5,553              | 42.8                          |
| 16 Automobile supplies                              | 416                   | 1,109         | 238           | 561           | 431           | 471           | 694           | 116           | 620           | 78           | 4,734              | 45.8                          |
| 17 Silk and artificial silk                         | 269                   | 871           | 256           | 690           | 616           | 1,129         | 318           | 476           | 86            | —            | 4,611              | 45.8                          |
| 18 Printing and bookbinding                         | 1,073                 | 780           | 1,494         | 480           | 801           | 314           | 180           | 214           | 151           | 60           | 5,287              | 41.3                          |
| 19 Brass and copper products                        | 235                   | 707           | 399           | 348           | 1,022         | 400           | 414           | 83            | 813           | 21           | 4,442              | 47.5                          |
| 20 Sheet metal products                             | 573                   | 913           | 440           | 702           | 652           | 830           | 355           | 440           | 201           | 11           | 5,117              | 44.5                          |
| 21 Hardware and tools                               | 440                   | 570           | 188           | 416           | 423           | 1,176         | 259           | 645           | 433           | 48           | 4,607              | 47.1                          |
| 22 Woollen cloth                                    | 310                   | 465           | 162           | 426           | 260           | 783           | 793           | 604           | 138           | 11           | 3,052              | 47.3                          |
| 23 Slaughtering and meat packing                    | 450                   | 679           | 188           | 693           | 494           | 430           | 465           | 191           | 303           | 49           | 3,942              | 45.2                          |
| 24 Scientific and professional equipment            | 188                   | 474           | 294           | 369           | 585           | 490           | 548           | 67            | 229           | 1            | 3,235              | 46.5                          |
| 25 Hats and caps                                    | 256                   | 1,191         | 426           | 360           | 316           | 247           | 200           | 23            | 25            | 1            | 3,054              | 41.5                          |
| 26 Miscellaneous paper products                     | 453                   | 501           | 523           | 413           | 354           | 412           | 210           | 130           | 50            | 2            | 3,054              | 42.0                          |
| 27 Medicinal and pharmaceutical preparations        | 330                   | 939           | 840           | 433           | 233           | 68            | 48            | —             | 70            | 11           | 2,987              | 41.0                          |
| 28 Machinery  | 182                   | 486           | 360           | 280           | 266           | 307           | 483           | 87            | 504           | 51           | 3,096              | 47.7                          |
| 29 Shipbuilding and repairs                         | 190                   | 391           | 569           | 127           | 1,431         | 192           | 91            | 38            | 50            | 7            | 3,086              | 44.8                          |
| 30 Miscellaneous food products                      | 435                   | 590           | 465           | 512           | 468           | 102           | 238           | 26            | 130           | 2            | 2,968              | 42.5                          |
| 31 Miscellaneous leather goods                      | 314                   | 354           | 608           | 456           | 353           | 159           | 80            | 30            | 31            | 2            | 2,387              | 42.5                          |
| 32 Agricultural implements                          | 72                    | 136           | 64            | 155           | 1,426         | 95            | 146           | 145           | 106           | 1            | 2,346              | 47.7                          |
| 33 Woollen yarn                                     | 287                   | 396           | 96            | 190           | 159           | 548           | 221           | 145           | 140           | 9            | 2,101              | 45.1                          |
| 34 Furniture  | 221                   | 385           | 308           | 566           | 159           | 160           | 93            | 137           | 69            | 7            | 2,105              | 43.7                          |
| 35 Glass products                                   | 142                   | 399           | 117           | 320           | 578           | 132           | 122           | 16            | 47            | 5            | 1,878              | 44.2                          |
| 36 Printing and publishing                          | 371                   | 406           | 337           | 183           | 327           | 151           | 93            | 6             | 29            | —            | 1,903              | 40.8                          |
| 37 Fur goods  | 168                   | 604           | 237           | 144           | 246           | 109           | 117           | 47            | 209           | 46           | 1,927              | 44.3                          |
| 38 Narrow fabrics, laces, etc.                      | 97                    | 146           | 65            | 122           | 727           | 165           | 131           | 372           | 32            | 2            | 1,859              | 44.4                          |
| 39 Corsets  | 70                    | 158           | 249           | 751           | 311           | 123           | 63            | —             | —             | —            | 1,725              | 44.9                          |
| 40 Gloves and mittens, leather                      | 290                   | 188           | 297           | 235           | 316           | 427           | 99            | 6             | 5             | —            | 1,753              | 44.0                          |
| <b>Totals, Forty Leading Industries<sup>2</sup></b> | <b>28,277</b>         | <b>49,867</b> | <b>29,186</b> | <b>31,685</b> | <b>59,910</b> | <b>33,950</b> | <b>32,786</b> | <b>11,865</b> | <b>15,936</b> | <b>3,325</b> | <b>286,787</b>     | <b>45.1</b>                   |
| <b>Totals, All Industries<sup>2</sup></b>           | <b>34,421</b>         | <b>69,225</b> | <b>35,461</b> | <b>38,160</b> | <b>62,179</b> | <b>39,631</b> | <b>36,492</b> | <b>13,567</b> | <b>18,073</b> | <b>3,829</b> | <b>311,908</b>     | <b>44.6</b>                   |

<sup>1</sup> Includes overtime.  
are not available.<sup>2</sup> Figures are exclusive of those for "butter and cheese" and "fish curing and packing"; these are among the leading industries but figures

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

In 1943 the 27,652 establishments covered employed 193,195 salaried employees and 1,047,873 wage-earners, a total of 1,241,068 persons. Out of every 1,000 persons employed in manufacturing 156 were classed as salary earners and 844 as wage-earners; the former earned 19.6 p.c. and the latter 80.4 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 salaries and wages. Whereas in 1939 average annual wages were only 55.8 p.c. of average annual salaries, in 1943 the percentage rose to 75.8. This tendency towards equalization was, in part, due to the controls adopted by the Government which tended to stabilize salaries more so than wages. The increase in average wages was also influenced by the fact that large numbers of wage-earners were employed in the highly paid iron and steel industries and by the increase in number of hours worked, some of it at overtime pay.

Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, 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 wage-earners engaged in the manufacturing industries of Canada, 30 p.c. were found in the textile group. Normally the percentage is much higher. In 1942 and 1943 large numbers of female wage-earners were employed in the aircraft and miscellaneous chemical industries. For this reason the percentage employed in the textile industries declined.

The average salary in 1943 amounted to \$2,013 which was \$267 or 15.3 p.c. higher than in 1939. Salaried employees in Ontario with \$2,107 received the highest salary. Quebec came second with \$1,994 and British Columbia third with \$1,935. The fact that head offices of many large corporations are located in Montreal, Toronto, Vancouver and Winnipeg tends to raise the average salaries in the provinces in which these cities are located.

**23.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1913, with Totals for Significant Years, 1917-42**

| Year | Salaries           |        |                |                  | Wages        |             |             |               |
|------|--------------------|--------|----------------|------------------|--------------|-------------|-------------|---------------|
|      | Salaried Employees |        | Total Salaries | Average Salaries | Wage-Earners |             | Total Wages | Average Wages |
|      | Male               | Female |                |                  | Male         | Female      |             |               |
|      | No.                | No.    | \$             | \$               | No.          | No.         | \$          | \$            |
| 1917 | 64,918             |        | 85,353,667     | 1,315            | 541,695      | 412,448,177 | 762         |               |
| 1920 | 78,334             |        | 141,837,361    | 1,811            | 529,559      | 575,656,515 | 1,106       |               |
| 1922 | 71,585             |        | 129,836,831    | 1,814            | 381,670      | 359,560,399 | 935         |               |
| 1924 | 54,379             | 15,641 | 139,341,822    | 1,857            | 322,719      | 94,871      | 194,127,853 | 968           |
| 1926 | 58,245             | 17,692 | 142,353,909    | 1,890            | 374,244      | 109,780     | 481,328,312 | 999           |
| 1929 | 67,741             | 21,110 | 175,563,710    | 1,970            | 451,768      | 122,922     | 601,737,507 | 1,042         |
| 1930 | 64,161             | 20,550 | 169,992,216    | 2,007            | 416,790      | 113,195     | 527,563,102 | 995           |
| 1931 | 71,198             | 20,293 | 172,289,095    | 1,893            | 337,635      | 99,513      | 415,277,895 | 950           |
| 1932 | 68,264             | 18,786 | 151,355,790    | 1,739            | 288,817      | 92,966      | 322,245,920 | 841           |

<sup>1</sup> The averages of wage-earners and earnings for the years 1931 to 1943 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.

<sup>2</sup> The increase in the number of salaried 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 wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried 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 salaried employees. Prior to this they were not reported at all.

## 23.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1917-42 —concluded

| Year, Province or Industrial Group  | Salaries           |               |                    |                  | Wages          |                |                      |               |
|-------------------------------------|--------------------|---------------|--------------------|------------------|----------------|----------------|----------------------|---------------|
|                                     | Salaried Employees |               | Total Salaries     | Average Salaries | Wage-Earners   |                | Total Wages          | Average Wages |
|                                     | Male               | Female        |                    |                  | Male           | Female         |                      |               |
|                                     | No.                | No.           | \$                 | \$               | No.            | No.            | \$                   | \$            |
| 1933                                | 67,875             | 18,761        | 139,317,916        | 1,608            | 287,266        | 94,756         | 296,929,878          | 777           |
| 1934                                | 71,963             | 20,132        | 118,760,126        | 1,615            | 326,598        | 101,119        | 355,090,929          | 830           |
| 1935                                | 76,213             | 21,717        | 160,455,080        | 1,638            | 353,790        | 101,941        | 399,012,697          | 870           |
| 1936                                | 81,409             | 23,008        | 173,198,057        | 1,659            | 379,977        | 109,965        | 438,873,377          | 896           |
| 1937                                | 81,092             | 24,755        | 195,983,175        | 1,692            | 427,285        | 117,339        | 525,743,563          | 965           |
| 1938                                | 85,370             | 25,319        | 207,386,384        | 1,719            | 409,472        | 112,356        | 498,282,208          | 956           |
| 1939                                | 98,165             | 26,607        | 217,839,334        | 1,746            | 415,488        | 117,851        | 519,921,819          | 975           |
| 1940                                | 104,267            | 31,493        | 241,599,764        | 1,780            | 491,439        | 135,045        | 679,273,104          | 1,084         |
| 1941                                | 117,254            | 41,693        | 286,326,861        | 1,891            | 626,825        | 175,409        | 978,525,782          | 1,220         |
| 1942                                | 123,125            | 51,062        | 334,870,793        | 1,890            | 732,319        | 212,585        | 1,317,934,019        | 1,393         |
| PROVINCE, 1943 <sup>1</sup>         |                    |               |                    |                  |                |                |                      |               |
| Prince Edward Island                | 271                | 68            | 307,549            | 907              | 845            | 398            | 990,563              | 817           |
| Nova Scotia                         | 2,972              | 1,109         | 6,625,069          | 1,623            | 28,033         | 5,331          | 48,580,643           | 1,456         |
| New Brunswick                       | 2,380              | 867           | 5,664,351          | 1,744            | 16,029         | 3,949          | 24,786,830           | 1,241         |
| Quebec                              | 43,885             | 18,757        | 124,885,674        | 1,994            | 262,141        | 112,464        | 533,437,946          | 1,424         |
| Ontario                             | 60,493             | 35,552        | 202,362,514        | 2,107            | 337,710        | 136,202        | 754,036,698          | 1,591         |
| Manitoba                            | 4,408              | 1,878         | 11,760,728         | 1,871            | 22,940         | 7,777          | 42,081,097           | 1,370         |
| Saskatchewan                        | 2,196              | 803           | 4,474,979          | 1,927            | 7,114          | 1,570          | 11,970,887           | 1,378         |
| Alberta                             | 3,018              | 1,181         | 6,935,127          | 1,652            | 13,007         | 3,407          | 22,559,242           | 1,374         |
| British Columbia                    | 9,039              | 4,301         | 25,812,131         | 1,935            | 75,022         | 13,859         | 159,899,642          | 1,799         |
| Yukon and Northwest Territories     | 17                 | -             | 29,388             | 1,728            | 43             | 2              | 91,331               | 2,030         |
| <b>Totals, 1943</b>                 | <b>128,679</b>     | <b>61,516</b> | <b>388,857,565</b> | <b>2,013</b>     | <b>762,854</b> | <b>285,019</b> | <b>1,598,434,879</b> | <b>1,525</b>  |
| INDUSTRIAL GROUP, 1943 <sup>1</sup> |                    |               |                    |                  |                |                |                      |               |
| Vegetable products                  | 17,007             | 7,262         | 46,834,700         | 1,930            | 57,854         | 35,120         | 110,898,679          | 1,193         |
| Animal products                     | 12,564             | 4,629         | 29,678,029         | 1,726            | 49,415         | 21,429         | 84,789,552           | 1,197         |
| Textiles and textile products       | 11,987             | 6,888         | 43,890,793         | 2,325            | 52,733         | 86,379         | 147,414,835          | 1,060         |
| Wood and paper products             | 26,787             | 9,768         | 68,030,425         | 1,862            | 124,277        | 23,053         | 106,808,367          | 1,336         |
| Iron and its products               | 31,852             | 10,312        | 105,475,801        | 2,062            | 330,763        | 53,817         | 727,907,883          | 1,893         |
| Non-ferrous metal products          | 10,521             | 6,178         | 30,085,180         | 2,161            | 68,147         | 24,676         | 150,789,216          | 1,624         |
| Non-metallic mineral products       | 3,781              | 1,583         | 11,927,013         | 2,224            | 22,716         | 2,914          | 41,355,327           | 1,614         |
| Chemicals and allied products       | 10,430             | 6,722         | 35,091,843         | 2,046            | 45,338         | 29,798         | 111,585,351          | 1,485         |
| Miscellaneous products              | 3,770              | 2,174         | 11,837,721         | 1,992            | 11,611         | 7,833          | 26,885,669           | 1,383         |

<sup>1</sup>For a subdivision of annual earnings of wage-earners, by sex, see Table 26.

The average wage in 1943 amounted to \$1,525 which was \$550 or 56.4 p.c. higher than in 1939. Manufacturing industries in British Columbia paid the highest average wages of \$1,799, followed by Ontario with \$1,591, Nova Scotia \$1,456, Quebec \$1,424, Saskatchewan \$1,378, etc. The high figures shown for Yukon and the Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 23, and for a subdivision of wage-earners, by sex, see Table 26.

**Average Annual Earnings in the Forty Leading Industries.**—In only 6 industries did average salaries exceed \$2,500 in 1943; bridge and structural steel, pulp and paper, breweries, petroleum products, cotton yarn and cloth and automobiles. In 22 they ranged between \$2,000 and \$2,500, in 9 they ranged between \$1,500 and \$2,000, and in the remaining 3 they were below \$1,500. The lowest salaries were reported by the sawmilling and butter and cheese industries each of which includes a large proportion of small establishments.

The highest wages, those above \$1,900, were paid in 6 industries, in all of which the proportion of skilled workers is high and the proportion of female workers is low. The automobile industry with \$2,351 was the highest in this group, followed by shipbuilding and repairs with \$2,036, bridge and structural steel \$2,025, petroleum products \$1,947, miscellaneous iron and steel products \$1,946, and railway rolling-stock \$1,925. In 13 other industries average wages ranged between \$1,600 and \$1,900 in all of which the proportion of female workers is low. In 14 other industries average wages ranged between \$1,100 and \$1,600 while in the remaining 7 they were below \$1,100. The latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Employment by sex and average annual earnings in the 40 leading industries is given in Table 24, and annual earnings by sex in Tables 27 and 28.

**24.—Salaries and Wages Paid in the Forty Leading Industries, 1943, with Comparative Figures of Average Salaries and Wages Paid in 1942**

Note.—Industries ranked according to the aggregate salaries and wages paid. For a subdivision of annual earnings of wage-earners, by sex, see Tables 27 and 28.

| Industry  | Salaries           |        |                |                  |       | Wages        |        |             |               |       |
|---|--------------------|--------|----------------|------------------|-------|--------------|--------|-------------|---------------|-------|
|   | Salaried Employees |        | Total Salaries | Average Salaries |       | Wage-Earners |        | Total Wages | Average Wages |       |
|   | Male               | Female |                | 1943             | 1942  | Male         | Female |             | 1943          | 1942  |
|   | No.                | No.    | \$             | \$               | \$    | No.          | No.    | \$          | \$            | \$    |
| 1 Shipbuilding and repairs.....                 | 3,568              | 1,776  | 10,054,058     | 1,881            | 1,718 | 68,153       | 2,350  | 143,541,278 | 2,036         | 1,846 |
| 2 Aircraft.....                                 | 5,302              | 4,632  | 15,346,887     | 1,546            | 1,494 | 44,420       | 15,175 | 111,479,821 | 1,871         | 1,733 |
| 3 Miscellaneous iron and steel products.....    | 3,704              | 2,299  | 13,092,925     | 2,159            | 1,716 | 28,999       | 13,505 | 82,717,380  | 1,946         | 1,749 |
| 4 Miscellaneous chemical products.....          | 4,424              | 2,579  | 13,594,284     | 1,941            | 1,653 | 29,943       | 24,482 | 80,901,747  | 1,486         | 1,331 |
| 5 Electrical apparatus and supplies.....        | 5,497              | 3,616  | 19,509,058     | 2,141            | 2,009 | 22,132       | 15,683 | 57,397,930  | 1,518         | 1,443 |
| 6 Pulp and paper.....                           | 3,972              | 1,412  | 14,663,655     | 2,724            | 2,686 | 30,507       | 1,129  | 56,535,767  | 1,787         | 1,701 |
| 7 Primary iron and steel.....                   | 1,734              | 955    | 6,263,681      | 2,329            | 2,286 | 30,032       | 1,501  | 59,390,887  | 1,883         | 1,797 |
| 8 Railway rolling-stock.....                    | 1,870              | 399    | 5,118,819      | 2,266            | 2,314 | 27,049       | 577    | 54,323,806  | 1,925         | 1,839 |
| 9 Automobiles.....                              | 2,145              | 1,219  | 8,426,267      | 2,505            | 2,191 | 20,630       | 271    | 49,142,998  | 2,351         | 2,135 |
| 10 Machinery.....                               | 3,186              | 1,917  | 10,905,501     | 2,137            | 1,946 | 20,740       | 2,396  | 41,912,453  | 1,812         | 1,701 |
| 11 Sawmills.....                                | 6,648              | 564    | 7,139,172      | 990              | 926   | 35,469       | 1,273  | 42,425,131  | 1,155         | 1,057 |
| 12 Non-ferrous metal smelting and refining..... | 2,466              | 919    | 7,160,290      | 2,122            | 2,014 | 22,577       | 797    | 41,331,442  | 1,768         | 1,729 |
| 13 Brass and copper products.....               | 1,387              | 761    | 5,100,051      | 2,375            | 2,038 | 15,719       | 4,032  | 35,030,550  | 1,804         | 1,629 |
| 14 Automobile supplies.....                     | 1,455              | 1,012  | 5,396,823      | 2,188            | 2,094 | 14,748       | 4,416  | 34,931,744  | 1,823         | 1,721 |
| 15 Clothing, men's factory.....                 | 2,774              | 1,277  | 9,371,388      | 2,313            | 2,151 | 7,355        | 19,479 | 27,895,687  | 1,040         | 977   |
| 16 Hardware and tools.....                      | 1,477              | 1,181  | 6,153,810      | 2,315            | 2,005 | 12,686       | 3,884  | 27,068,277  | 1,034         | 1,542 |
| 17 Bread and other bakery products.....         | 3,211              | 1,166  | 6,153,520      | 1,406            | 1,293 | 16,082       | 6,370  | 26,737,540  | 1,191         | 1,108 |
| 18 Clothing, women's factory.....               | 2,738              | 1,552  | 9,614,045      | 2,242            | 2,014 | 4,657        | 16,807 | 22,771,432  | 1,061         | 975   |
| 19 Slaughtering and meat packing.....           | 2,714              | 1,225  | 7,988,986      | 2,028            | 1,966 | 11,637       | 3,199  | 22,005,654  | 1,483         | 1,410 |
| 20 Printing and publishing.....                 | 5,599              | 3,150  | 15,209,561     | 1,738            | 1,632 | 7,570        | 1,644  | 14,514,828  | 1,575         | 1,505 |

24.—Salaries and Wages Paid in the Forty Leading Industries, 1943, with Comparative Figures of Average Salaries and Wages Paid in 1942—concluded

| Industry  | Salaries           |               |                    |                  |              | Wages          |                |                      |               |              |
|---|--------------------|---------------|--------------------|------------------|--------------|----------------|----------------|----------------------|---------------|--------------|
|   | Salaried Employees |               | Total Salaries     | Average Salaries |              | Wage-Earners   |                | Total Wages          | Average Wages |              |
|   | Male               | Female        |                    | 1943             | 1942         | Male           | Female         |                      | 1943          | 1942         |
|   | No.                | No.           | \$                 | \$               | \$           | No.            | No.            | \$                   | \$            | \$           |
| 21 Castings, iron.....                            | 1,068              | 562           | 3,607,731          | 2,213            | 2,016        | 13,484         | 802            | 25,120,125           | 1,758         | 1,662        |
| 22 Cotton yarn and cloth.                         | 666                | 510           | 3,019,462          | 2,568            | 2,476        | 12,057         | 10,293         | 25,126,749           | 1,124         | 1,070        |
| 23 Sheet metal products..                         | 1,365              | 897           | 4,712,027          | 2,083            | 2,099        | 10,746         | 3,947          | 21,865,881           | 1,488         | 1,366        |
| 24 Rubber goods, including rubber footwear..      | 1,754              | 1,009         | 5,772,177          | 2,089            | 2,175        | 8,681          | 4,469          | 19,570,331           | 1,498         | 1,388        |
| 25 Agricultural implements.....                   | 1,204              | 715           | 3,734,420          | 1,946            | 1,835        | 10,297         | 1,849          | 20,863,460           | 1,718         | 1,516        |
| 26 Hosiery and knitted goods.....                 | 1,303              | 917           | 5,053,371          | 2,276            | 2,104        | 6,086          | 14,038         | 18,796,615           | 934           | 879          |
| 27 Butter and cheese.....                         | 4,393              | 1,427         | 7,091,185          | 1,218            | 1,112        | 11,748         | 1,613          | 16,745,181           | 1,253         | 1,153        |
| 28 Bridge and structural steel.....               | 890                | 369           | 3,479,351          | 2,786            | 2,594        | 9,228          | 497            | 19,696,521           | 2,025         | 2,007        |
| 29 Boots and shoes, leather.....                  | 1,601              | 609           | 4,839,365          | 2,190            | 2,016        | 8,967          | 7,488          | 16,838,433           | 1,023         | 906          |
| 30 Printing and bookbinding.....                  | 2,036              | 1,234         | 7,793,465          | 1,869            | 1,820        | 6,714          | 4,060          | 13,431,838           | 1,247         | 1,186        |
| 31 Scientific and professional equipment.....     | 1,512              | 1,019         | 4,804,517          | 1,898            | -            | 4,700          | 2,975          | 13,935,440           | 1,816         | 1,320        |
| 32 Furniture.....                                 | 1,307              | 477           | 3,634,325          | 2,037            | 1,893        | 9,976          | 1,678          | 14,289,491           | 1,226         | 1,153        |
| 33 Planing mills, sash and door factories.....    | 1,611              | 446           | 3,525,505          | 1,714            | 1,529        | 9,986          | 1,374          | 13,043,433           | 1,201         | 1,103        |
| 34 Biscuits, confectionery, cocoa and chocolate.. | 1,950              | 787           | 6,050,742          | 2,211            | 2,093        | 3,968          | 6,764          | 9,988,145            | 931           | 874          |
| 35 Acids, alkalis and salts.....                  | 1,086              | 388           | 3,519,362          | 2,388            | 2,298        | 6,122          | 440            | 11,538,361           | 1,756         | 1,680        |
| 36 Silk and artificial silk..                     | 661                | 436           | 2,666,842          | 2,431            | 2,374        | 5,000          | 4,223          | 11,047,316           | 1,125         | 1,050        |
| 37 Breweries.....                                 | 1,420              | 274           | 4,594,285          | 2,712            | 2,811        | 4,556          | 363            | 8,267,811            | 1,679         | 1,581        |
| 38 Petroleum products....                         | 1,006              | 342           | 3,524,801          | 2,615            | 2,465        | 4,614          | 123            | 9,223,931            | 1,947         | 1,797        |
| 39 Fruit and vegetable preparations.....          | 1,155              | 630           | 3,158,358          | 1,769            | 1,722        | 4,996          | 5,113          | 9,192,110            | 909           | 806          |
| 40 Boxes and bags, paper.                         | 878                | 563           | 3,343,532          | 2,320            | 2,433        | 3,863          | 4,719          | 8,768,242            | 1,022         | 1,010        |
| <b>Totals, Forty Leading Industries.....</b>      | <b>95,675</b>      | <b>47,222</b> | <b>294,188,194</b> | <b>1,959</b>     | <b>1,866</b> | <b>628,096</b> | <b>215,897</b> | <b>1,340,595,826</b> | <b>1,589</b>  | <b>1,441</b> |
| <b>Grand Totals, All Industries.....</b>          | <b>128,679</b>     | <b>64,516</b> | <b>388,857,565</b> | <b>2,013</b>     | <b>1,890</b> | <b>762,854</b> | <b>285,019</b> | <b>1,598,434,879</b> | <b>1,525</b>  | <b>1,383</b> |

**Average Annual, Weekly and Hourly Earnings.**—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 very definitely a 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 these latter industries naturally command relatively higher wages 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 23 and 24 will be of value to the student.

The figures given in Tables 25 to 28 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 industry, however, the month of highest employment is more significant as in such case it coincides for a great number of firms engaged in the same industry.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to \$33.80 in 1943, an increase of \$11.57 or 52.1 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to 67.1 cents in 1943. Due to an increase of 2.3 hours in the working week, the increase in hourly earnings was only 45.3 p.c. Annual earnings at \$1,726 were 60.4 p.c. higher.

Female wage-earners received on an average \$19.33 per week in 1943, an increase of \$6.55 or 51.3 p.c. as compared with 1939. Hourly earnings at 43.1 cents were 52.3 p.c. higher, while annual earnings at \$987 were 59.5 p.c. higher.

**25.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, 1934-43**

| Year          | Average Earnings |        |        | Hours Worked per Week |
|---------------|------------------|--------|--------|-----------------------|
|               | Annual           | Weekly | Hourly |                       |
| <b>MALE</b>   |                  |        |        |                       |
|               | \$               | \$     | \$     | No.                   |
| 1934          | 930              | 20.31  | 0.407  | 49.0 <sup>1</sup>     |
| 1935          | 966              | 20.41  | 0.413  | 49.4 <sup>1</sup>     |
| 1936          | 995              | 20.92  | 0.423  | 49.4 <sup>1</sup>     |
| 1937          | ?                | ?      | ?      | ?                     |
| 1938          | 1,055            | 21.40  | 0.454  | 47.3                  |
| 1939          | 1,076            | 22.23  | 0.462  | 48.1                  |
| 1940          | 1,202            | 24.83  | 0.488  | 50.0                  |
| 1941          | 1,355            | 27.72  | 0.538  | 51.5                  |
| 1942          | 1,558            | 31.75  | 0.619  | 51.3                  |
| 1943          | 1,726            | 33.80  | 0.671  | 50.4                  |
| <b>FEMALE</b> |                  |        |        |                       |
| 1934          | 539              | 11.80  | 0.251  | 46.0 <sup>1</sup>     |
| 1935          | 570              | 12.04  | 0.259  | 46.5 <sup>1</sup>     |
| 1936          | 577              | 12.20  | 0.262  | 46.5 <sup>1</sup>     |
| 1937          | ?                | ?      | ?      | ?                     |
| 1938          | 504              | 12.10  | 0.271  | 44.6                  |
| 1939          | 619              | 12.78  | 0.283  | 45.2                  |
| 1940          | 655              | 13.52  | 0.288  | 47.3                  |
| 1941          | 736              | 15.05  | 0.320  | 47.6                  |
| 1942          | 854              | 17.41  | 0.371  | 46.9                  |
| 1943          | 987              | 19.33  | 0.431  | 44.8                  |

<sup>1</sup> Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years.

<sup>2</sup> Not available.

26.—Average Annual, Weekly and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1943

| Province or Industrial Group         | Average Earnings |              |             | Hours Worked per Week |
|--------------------------------------|------------------|--------------|-------------|-----------------------|
|                                      | Annual           | Weekly       | Hourly      |                       |
| <b>MALE</b>                          |                  |              |             |                       |
|                                      | \$               | \$           | Cents       | No.                   |
| Prince Edward Island.....            | 992              | 26-44        | 47-2        | 56-0                  |
| Nova Scotia.....                     | 1,571            | 32-22        | 61-5        | 52-4                  |
| New Brunswick.....                   | 1,369            | 26-69        | 50-9        | 52-4                  |
| Quebec.....                          | 1,642            | 32-49        | 62-2        | 52-2                  |
| Ontario.....                         | 1,812            | 34-99        | 70-4        | 49-7                  |
| Manitoba.....                        | 1,553            | 30-86        | 62-6        | 49-3                  |
| Saskatchewan.....                    | 1,461            | 29-34        | 56-8        | 51-7                  |
| Alberta.....                         | 1,492            | 29-49        | 59-7        | 49-4                  |
| British Columbia.....                | 1,903            | 37-57        | 81-3        | 46-2                  |
| Yukon and Northwest Territories..... | 2,092            | 46-38        | 95-6        | 48-5                  |
| <b>Canada<sup>1</sup>.....</b>       | <b>1,726</b>     | <b>33-89</b> | <b>67-1</b> | <b>50-4</b>           |
| Vegetable products.....              | 1,440            | 27-81        | 55-4        | 50-2                  |
| Animal products <sup>1</sup> .....   | 1,369            | 28-58        | 58-2        | 49-1                  |
| Textiles and textile products.....   | 1,406            | 28-14        | 57-5        | 48-9                  |
| Wood and paper products.....         | 1,431            | 27-86        | 54-3        | 51-3                  |
| Iron and its products.....           | 1,978            | 38-02        | 76-3        | 51-0                  |
| Non-ferrous metal products.....      | 1,799            | 34-97        | 69-9        | 50-0                  |
| Non-metallic mineral products.....   | 1,698            | 32-75        | 66-6        | 49-2                  |
| Chemicals and allied products.....   | 1,788            | 33-42        | 67-8        | 49-3                  |
| Miscellaneous industries.....        | 1,643            | 32-87        | 67-4        | 48-8                  |
| <b>FEMALE</b>                        |                  |              |             |                       |
|                                      | \$               | \$           | Cents       | No.                   |
| Prince Edward Island.....            | 459              | 12-25        | 23-2        | 52-8                  |
| Nova Scotia.....                     | 853              | 17-51        | 37-1        | 47-2                  |
| New Brunswick.....                   | 720              | 14-04        | 30-7        | 45-7                  |
| Quebec.....                          | 916              | 18-09        | 39-4        | 45-9                  |
| Ontario.....                         | 1,042            | 20-13        | 45-9        | 43-9                  |
| Manitoba.....                        | 829              | 16-48        | 38-0        | 43-4                  |
| Saskatchewan.....                    | 1,005            | 20-19        | 41-9        | 48-2                  |
| Alberta.....                         | 925              | 18-30        | 40-6        | 45-2                  |
| British Columbia.....                | 1,239            | 24-46        | 56-0        | 43-7                  |
| Yukon and Northwest Territories..... | 676              | 15-00        | 25-0        | 60-0                  |
| <b>Canada<sup>1</sup>.....</b>       | <b>987</b>       | <b>19-33</b> | <b>43-1</b> | <b>44-8</b>           |
| Vegetable products.....              | 785              | 15-16        | 35-3        | 43-0                  |
| Animal products <sup>1</sup> .....   | 799              | 16-70        | 37-4        | 44-7                  |
| Textiles and textile products.....   | 848              | 16-97        | 38-0        | 44-6                  |
| Wood and paper products.....         | 821              | 16-00        | 37-0        | 43-2                  |
| Iron and its products.....           | 1,371            | 28-98        | 57-2        | 47-2                  |
| Non-ferrous metal products.....      | 1,144            | 22-24        | 48-0        | 46-3                  |
| Non-metallic mineral products.....   | 954              | 18-42        | 41-3        | 44-6                  |
| Chemicals and allied products.....   | 1,025            | 19-16        | 41-9        | 45-7                  |
| Miscellaneous industries.....        | 987              | 19-98        | 46-1        | 43-3                  |

<sup>1</sup> Exclusive of "butter and cheese" and "fish-curing and packing" plants.

27.—The Forty Leading Industries Employing the Greatest Numbers of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1943

NOTE.—For the rank of these industries as regards the annual employment of male wage-earners, see Table 21.

| Industry  | Average Weekly Earnings |          | Average Hourly Earnings |          | Average Annual Earnings |          | Average Hours Worked per Week |
|---|-------------------------|----------|-------------------------|----------|-------------------------|----------|-------------------------------|
|   | Amount                  | Rank     | Amount                  | Rank     | Amount                  | Rank     |                               |
|   | \$                      |          | Cents                   |          | \$                      |          | No.                           |
| 1 Automobiles.....                              | 46.18                   | 1        | 98.5                    | 1        | 2,371                   | 1        | 46.9                          |
| 2 Scientific and professional equipment.....    | 43.88                   | 2        | 86.0                    | 3        | 2,124                   | 3        | 51.0                          |
| 3 Miscellaneous iron and steel products.....    | 41.40                   | 3        | 79.5                    | 6        | 2,173                   | 2        | 52.1                          |
| 4 Shipbuilding and repairs.....                 | 40.55                   | 4        | 80.8                    | 5        | 2,051                   | 5        | 50.2                          |
| 5 Automobile supplies.....                      | 40.14                   | 5        | 78.4                    | 9        | 2,000                   | 6        | 51.2                          |
| 6 Aircraft.....                                 | 39.68                   | 6        | 74.6                    | 13       | 1,967                   | 8        | 53.2                          |
| 7 Bridge and structural steel.....              | 38.85                   | 7        | 75.4                    | 12       | 2,071                   | 4        | 51.5                          |
| 8 Brass and copper products.....                | 38.57                   | 8        | 76.1                    | 11       | 1,929                   | 10       | 50.7                          |
| 9 Acids, alkalies and salts.....                | 38.07                   | 9        | 76.6                    | 10       | 1,801                   | 18       | 46.7                          |
| 10 Petroleum products.....                      | 37.38                   | 10       | 82.3                    | 4        | 1,971                   | 7        | 45.4                          |
| 11 Primary iron and steel.....                  | 37.35                   | 11       | 73.5                    | 15       | 1,913                   | 12       | 50.8                          |
| 12 Railway rolling-stock.....                   | 37.29                   | 12       | 78.7                    | 8        | 1,941                   | 9        | 47.4                          |
| 13 Clothing, women's factory.....               | 37.05                   | 13       | 87.2                    | 2        | 1,773                   | 22       | 42.5                          |
| 14 Machinery.....                               | 36.98                   | 14       | 68.6                    | 21       | 1,890                   | 13       | 53.9                          |
| 15 Agricultural implements.....                 | 36.54                   | 15       | 74.3                    | 14       | 1,796                   | 19       | 49.2                          |
| 16 Electrical apparatus and supplies.....       | 36.22                   | 16       | 70.6                    | 18       | 1,822                   | 15       | 51.3                          |
| 17 Machine shops.....                           | 35.95                   | 17       | 70.5                    | 19       | 1,714                   | 24       | 51.0                          |
| 18 Hardware and tools.....                      | 35.70                   | 18       | 67.0                    | 25       | 1,803                   | 17       | 53.3                          |
| 19 Castings, iron.....                          | 35.39                   | 19       | 68.3                    | 22       | 1,795                   | 20       | 51.8                          |
| 20 Pulp and paper.....                          | 35.01                   | 20       | 67.3                    | 24       | 1,814                   | 16       | 52.0                          |
| 21 Rubber goods, including rubber footwear..... | 34.91                   | 21       | 72.1                    | 17       | 1,919                   | 11       | 48.4                          |
| 22 Printing and publishing.....                 | 34.47                   | 22       | 79.1                    | 7        | 1,783                   | 23       | 43.6                          |
| 23 Miscellaneous chemical products.....         | 33.69                   | 23       | 67.7                    | 23       | 1,828                   | 14       | 49.9                          |
| 24 Sheet metal products.....                    | 32.72                   | 24       | 65.2                    | 27       | 1,658                   | 25       | 50.2                          |
| 25 Non-ferrous metal smelting and refining..... | 31.91                   | 25       | 66.5                    | 26       | 1,778                   | 21       | 48.0                          |
| 26 Clothing, men's factory.....                 | 31.80                   | 26       | 72.3                    | 16       | 1,568                   | 27       | 44.0                          |
| 27 Slaughtering and meat-packing.....           | 31.38                   | 27       | 62.1                    | 29       | 1,596                   | 26       | 50.5                          |
| 28 Heating and cooking apparatus.....           | 31.37                   | 28       | 62.4                    | 28       | 1,538                   | 29       | 50.3                          |
| 29 Printing and bookbinding.....                | 31.14                   | 29       | 68.7                    | 20       | 1,568                   | 28       | 45.3                          |
| 30 Hosiery and knitted goods.....               | 27.63                   | 30       | 54.9                    | 30       | 1,328                   | 33       | 50.3                          |
| 31 Flour and feed mills.....                    | 27.00                   | 31       | 52.0                    | 34       | 1,371                   | 32       | 51.9                          |
| 32 Bread and other bakery products.....         | 26.78                   | 32       | 51.6                    | 35       | 1,390                   | 30       | 51.9                          |
| 33 Silk and artificial silk.....                | 26.42                   | 33       | 52.4                    | 33       | 1,374                   | 31       | 50.4                          |
| 34 Furniture.....                               | 26.30                   | 34       | 54.3                    | 31       | 1,280                   | 35       | 48.4                          |
| 35 Planing mills, sash and door factories.....  | 25.59                   | 35       | 50.6                    | 36       | 1,233                   | 36       | 50.8                          |
| 36 Boots and shoes, leather.....                | 25.59                   | 36       | 53.4                    | 32       | 1,222                   | 37       | 47.9                          |
| 37 Cotton yarn and cloth.....                   | 25.49                   | 37       | 50.5                    | 37       | 1,319                   | 34       | 50.5                          |
| 38 Sawmills.....                                | 24.00                   | 38       | 44.2                    | 40       | 1,162                   | 38       | 54.3                          |
| 39 Boxes, wooden.....                           | 23.55                   | 39       | 47.8                    | 38       | 1,139                   | 39       | 49.3                          |
| 40 Fruit and vegetable preparations.....        | 22.37                   | 40       | 45.5                    | 39       | 1,113                   | 40       | 49.2                          |
| <b>Average, Forty Leading Industries.....</b>   | <b>34.67</b>            | <b>-</b> | <b>68.4</b>             | <b>-</b> | <b>1,784</b>            | <b>-</b> | <b>50.7</b>                   |
| <b>Average, All Industries<sup>1</sup>.....</b> | <b>33.80</b>            | <b>-</b> | <b>67.1</b>             | <b>-</b> | <b>1,726</b>            | <b>-</b> | <b>50.4</b>                   |

<sup>1</sup> Exclusive of "butter and cheese" and "fish-curing and packing" plants.

### 28.—The Forty Leading Industries Employing the Greatest Numbers of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1943

NOTE—For the rank of these industries as regards the annual employment of female wage-earners, see Table 22.

| Industry  | Average Weekly Earnings |          | Average Hourly Earnings |          | Average Annual Earnings |          | Average Hours Worked per Week |
|---|-------------------------|----------|-------------------------|----------|-------------------------|----------|-------------------------------|
|   | Amount                  | Rank     | Amount                  | Rank     | Amount                  | Rank     |                               |
|   | \$                      |          | Cents                   |          | \$                      |          | No.                           |
| 1 Aircraft.....                                   | 32.04                   | 1        | 65.4                    | 2        | 1,587                   | 2        | 49.0                          |
| 2 Shipbuilding and repairs.....                   | 31.59                   | 2        | 70.5                    | 1        | 1,598                   | 1        | 44.8                          |
| 3 Miscellaneous iron and steel products.....      | 27.83                   | 3        | 58.8                    | 4        | 1,460                   | 3        | 47.3                          |
| 4 Scientific and professional equipment.....      | 27.47                   | 4        | 59.1                    | 3        | 1,330                   | 4        | 46.5                          |
| 5 Brass and copper products.....                  | 26.34                   | 5        | 55.5                    | 5        | 1,318                   | 5        | 47.5                          |
| 6 Agricultural implements.....                    | 26.06                   | 6        | 54.6                    | 6        | 1,281                   | 6        | 47.7                          |
| 7 Automobile supplies.....                        | 24.67                   | 7        | 53.9                    | 7        | 1,230                   | 7        | 45.8                          |
| 8 Machinery.....                                  | 22.15                   | 8        | 46.4                    | 9        | 1,132                   | 8        | 47.7                          |
| 9 Electrical apparatus and supplies.....          | 21.63                   | 9        | 46.2                    | 10       | 1,089                   | 9        | 47.0                          |
| 10 Hardware and tools.....                        | 21.40                   | 10       | 45.4                    | 14       | 1,080                   | 11       | 47.1                          |
| 11 Slaughtering and meat packing.....             | 21.07                   | 11       | 46.6                    | 8        | 1,071                   | 12       | 45.2                          |
| 12 Fur goods.....                                 | 20.27                   | 12       | 45.8                    | 12       | 979                     | 15       | 44.3                          |
| 13 Sheet metal products.....                      | 20.24                   | 13       | 45.5                    | 13       | 1,026                   | 14       | 44.5                          |
| 14 Miscellaneous chemical products.....           | 19.72                   | 14       | 41.9                    | 18       | 1,069                   | 13       | 47.1                          |
| 15 Rubber goods, including rubber footwear.....   | 19.66                   | 15       | 45.9                    | 11       | 1,081                   | 10       | 42.8                          |
| 16 Furniture.....                                 | 18.55                   | 16       | 42.4                    | 17       | 902                     | 17       | 43.7                          |
| 17 Clothing, women's factory.....                 | 18.04                   | 17       | 43.3                    | 15       | 863                     | 21       | 41.7                          |
| 18 Glass products.....                            | 17.91                   | 18       | 40.5                    | 19       | 929                     | 16       | 44.2                          |
| 19 Hats and caps.....                             | 17.62                   | 19       | 42.5                    | 16       | 852                     | 22       | 41.5                          |
| 20 Woolen cloth.....                              | 17.56                   | 20       | 37.1                    | 23       | 898                     | 18       | 47.3                          |
| 21 Cotton yarn and cloth.....                     | 17.34                   | 21       | 35.8                    | 25       | 897                     | 19       | 48.4                          |
| 22 Clothing, men's factory.....                   | 17.03                   | 22       | 39.1                    | 20       | 840                     | 24       | 43.6                          |
| 23 Narrow fabrics, laces, etc.....                | 16.65                   | 23       | 37.5                    | 22       | 864                     | 20       | 44.4                          |
| 24 Hosiery and knitted goods.....                 | 15.88                   | 24       | 35.3                    | 27       | 704                     | 29       | 45.0                          |
| 25 Medicinal and pharmaceutical preparations..... | 15.57                   | 25       | 38.2                    | 21       | 852                     | 23       | 41.0                          |
| 26 Silk and artificial silk.....                  | 16.26                   | 26       | 33.3                    | 33       | 794                     | 27       | 45.8                          |
| 27 Woolen yarn.....                               | 15.25                   | 27       | 33.8                    | 32       | 803                     | 26       | 45.1                          |
| 28 Tobacco, cigars and cigarettes.....            | 15.25                   | 28       | 36.5                    | 24       | 807                     | 25       | 41.8                          |
| 29 Miscellaneous paper products.....              | 15.19                   | 29       | 35.4                    | 26       | 785                     | 28       | 42.9                          |
| 30 Boots and shoes, leather.....                  | 15.04                   | 30       | 33.2                    | 35       | 719                     | 32       | 45.3                          |
| 31 Miscellaneous leather goods.....               | 14.80                   | 31       | 34.8                    | 28       | 723                     | 31       | 42.5                          |
| 32 Boxes and bags, paper.....                     | 14.75                   | 32       | 34.5                    | 29       | 752                     | 30       | 42.8                          |
| 33 Gloves and mittens, leather.....               | 14.50                   | 33       | 33.0                    | 36       | 718                     | 33       | 44.0                          |
| 34 Fruit and vegetable preparations.....          | 14.27                   | 34       | 32.7                    | 37       | 710                     | 36       | 43.6                          |
| 35 Printing and bookbinding.....                  | 14.20                   | 35       | 34.4                    | 30       | 715                     | 34       | 41.3                          |
| 36 Miscellaneous food products.....               | 14.15                   | 36       | 33.3                    | 34       | 700                     | 37       | 42.5                          |
| 37 Printing and publishing.....                   | 13.90                   | 37       | 34.1                    | 31       | 711                     | 35       | 40.8                          |
| 38 Corsets.....                                   | 13.46                   | 38       | 30.0                    | 40       | 681                     | 40       | 44.9                          |
| 39 Bread and other bakery products.....           | 13.23                   | 39       | 30.3                    | 39       | 687                     | 39       | 43.6                          |
| 40 Biscuits, confectionery, cocoa, etc.....       | 13.14                   | 40       | 32.0                    | 38       | 690                     | 38       | 41.0                          |
| <b>Average, Forty Leading Industries.....</b>     | <b>19.50</b>            | <b>-</b> | <b>43.2</b>             | <b>-</b> | <b>993</b>              | <b>-</b> | <b>45.1</b>                   |
| <b>Average, All Industries<sup>1</sup>.....</b>   | <b>19.33</b>            | <b>-</b> | <b>43.1</b>             | <b>-</b> | <b>987</b>              | <b>-</b> | <b>44.8</b>                   |

<sup>1</sup> Exclusive of "butter and cheese" and "fish-curing and -packing" plants.

**Real Earnings of Employees in Recent Years.**—When the index number representing the average yearly wages is divided by the index number of the cost of living, on the same base, a measure of "real" wages is obtained. Index numbers for 1931 to 1943 are given in Table 29. In 1933, the height of the depression, real wages were 88.3 on the 1935-39 base. From then on they rose steadily and stood at 139.0 in 1943, an increase of about 57 p.c.

**23.—Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-43**

NOTE.—Figures on the 1917 base, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

| Year      | Wages Paid    | Average Wage-Earners | Average Yearly Earnings | Index Numbers (1935-39 = 100) |                |                                       |
|-----------|---------------|----------------------|-------------------------|-------------------------------|----------------|---------------------------------------|
|           |               |                      |                         | Average Yearly Earnings       | Cost of Living | Real Value of Average yearly Earnings |
|           | \$            | No.                  | \$                      |                               |                |                                       |
| 1931..... | 415,277,895   | 437,149              | 950                     | 101.9                         | 109.1          | 93.4                                  |
| 1932..... | 322,245,926   | 381,783              | 844                     | 90.6                          | 99.0           | 91.5                                  |
| 1933..... | 296,929,878   | 382,022              | 777                     | 83.4                          | 94.4           | 88.3                                  |
| 1934..... | 355,090,929   | 427,717              | 830                     | 89.1                          | 95.7           | 93.1                                  |
| 1935..... | 399,012,697   | 458,734              | 870                     | 93.3                          | 96.2           | 97.0                                  |
| 1936..... | 438,873,377   | 489,942              | 896                     | 96.1                          | 98.1           | 98.0                                  |
| 1937..... | 525,743,562   | 544,624              | 965                     | 103.5                         | 101.2          | 102.3                                 |
| 1938..... | 498,282,208   | 521,427              | 956                     | 102.6                         | 102.2          | 100.4                                 |
| 1939..... | 519,971,819   | 533,342              | 975                     | 104.6                         | 101.5          | 103.1                                 |
| 1940..... | 679,273,104   | 626,484              | 1,084                   | 116.3                         | 105.6          | 110.1                                 |
| 1941..... | 978,525,782   | 802,234              | 1,220                   | 130.9                         | 111.7          | 117.2                                 |
| 1942..... | 1,347,934,049 | 974,904              | 1,383                   | 148.4                         | 117.0          | 126.8                                 |
| 1943..... | 1,598,434,879 | 1,047,873            | 1,525                   | 163.6                         | 118.4          | 139.0                                 |

**Percentages of Salaries and Wages to Net Value of Products.**—Table 30 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 and taxes, repairs, and all other overhead charges that ordinarily must be met. The percentage 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 176 p.c. during the period 1924-43 while wage-earners increased but 151 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 \$2,285,361,640, \$1,249,481,231 or 54.7 p.c. was passed along in increased salaries and wages.

30.—Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-43

| Year      | Value Added by Processes of Manufacture <sup>1</sup> | Salaries Paid | Wages Paid    | Percentages—               |                         |  |
|-----------|--|---------------|---------------|----------------------------|-------------------------|--|
|           |  |               |               | of Salaries to Value Added | of Wages to Value Added | of Total Salaries and Wages to Value Added |
|           | \$   | \$            | \$            | p.c.                       | p.c.                    | p.c.                                       |
| 1924..... | 1,075,458,459  | 130,344,822   | 404,122,853   | 12.1                       | 37.6                    | 49.7                                       |
| 1925..... | 1,167,936,726  | 133,409,498   | 436,534,944   | 11.4                       | 37.4                    | 48.8                                       |
| 1926..... | 1,305,168,549  | 142,353,900   | 483,328,342   | 10.9                       | 37.0                    | 47.9                                       |
| 1927..... | 1,427,649,292  | 151,419,411   | 511,285,921   | 10.6                       | 35.8                    | 46.4                                       |
| 1928..... | 1,597,887,676  | 162,903,007   | 558,568,627   | 10.2                       | 35.0                    | 45.2                                       |
| 1929..... | 1,755,386,937  | 175,553,710   | 601,737,507   | 10.0                       | 34.3                    | 44.3                                       |
| 1930..... | 1,522,737,125  | 169,092,216   | 527,563,192   | 11.2                       | 34.6                    | 45.8                                       |
| 1931..... | 1,252,017,248  | 172,280,095   | 415,277,895   | 13.8                       | 33.2                    | 47.0                                       |
| 1932..... | 955,060,724  | 151,355,790   | 322,245,920   | 15.8                       | 33.7                    | 49.5                                       |
| 1933..... | 919,671,181  | 139,317,946   | 296,929,878   | 15.1                       | 32.3                    | 47.4                                       |
| 1934..... | 1,087,301,742  | 148,760,126   | 355,090,929   | 13.7                       | 32.7                    | 46.4                                       |
| 1935..... | 1,153,485,104  | 140,455,080   | 399,012,697   | 13.9                       | 34.6                    | 48.5                                       |
| 1936..... | 1,289,592,672  | 173,198,057   | 438,873,377   | 13.4                       | 34.0                    | 47.4                                       |
| 1937..... | 1,508,924,862  | 195,983,475   | 525,743,562   | 13.0                       | 34.8                    | 47.8                                       |
| 1938..... | 1,428,286,778  | 207,386,361   | 498,282,208   | 14.5                       | 34.9                    | 49.4                                       |
| 1939..... | 1,531,051,901  | 217,839,334   | 519,971,819   | 14.2                       | 34.0                    | 48.2                                       |
| 1940..... | 1,942,471,238  | 241,599,761   | 679,273,104   | 12.0                       | 35.0                    | 47.0                                       |
| 1941..... | 2,605,119,788  | 286,336,864   | 978,525,782   | 11.0                       | 37.6                    | 48.6                                       |
| 1942..... | 3,309,973,758  | 334,870,793   | 1,347,934,049 | 10.1                       | 40.7                    | 50.8                                       |
| 1943..... | 3,816,413,541  | 388,857,505   | 1,598,434,879 | 10.2                       | 42.0                    | 52.2                                       |

<sup>1</sup> Equivalent to "net value of products"; see footnote 1, Table 1, p. 7.

#### Subsection 4.—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 the 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 1,287 in 1943, and their output was about 76 p.c. of the total value of manufactures.

**31.—Manufacturing Establishments, Grouped According to Gross Value of Products, with Totals and Average Values of Products in each Class, for Canada, 1929, 1939, 1942 and 1943**

| Group of Gross Values         | 1929 <sup>1</sup>   |                      |                                      | 1939 <sup>2</sup>   |                      |                                      |
|-------------------------------|---------------------|----------------------|--------------------------------------|---------------------|----------------------|--------------------------------------|
|                               | Estab-<br>lishments | Total<br>Production  | Average<br>per<br>Estab-<br>lishment | Estab-<br>lishments | Total<br>Production  | Average<br>per<br>Estab-<br>lishment |
|                               | No.                 | \$                   | \$                                   | No.                 | \$                   | \$                                   |
| Under \$25,000                | 14,024              | 106,735,470          | 7,611                                | 15,623              | 120,903,054          | 7,738                                |
| \$ 25,000 but under \$ 50,000 | 2,802               | 99,529,725           | 35,521                               | 2,803               | 99,558,383           | 35,510                               |
| 50,000 "                      | 2,209               | 156,308,744          | 70,760                               | 2,215               | 156,410,769          | 70,614                               |
| 100,000 "                     | 1,688               | 237,532,492          | 140,718                              | 1,584               | 225,582,130          | 142,413                              |
| 200,000 "                     | 1,519               | 504,218,217          | 331,941                              | 1,285               | 390,026,844          | 303,990                              |
| 500,000 "                     | 636                 | 443,597,677          | 697,481                              | 689                 | 456,441,130          | 676,983                              |
| 1,000,000 "                   | 601                 | 1,217,866,089        | 2,026,400                            | 520                 | 1,091,293,930        | 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>172,275</b>                       | <b>24,800</b>       | <b>3,474,549,560</b> | <b>140,102</b>                       |
|                               | 1942                |                      |                                      | 1943                |                      |                                      |
| Under \$25,000                | 14,795              | 122,480,176          | 8,278                                | 13,954              | 124,704,223          | 8,943                                |
| \$ 25,000 but under \$ 50,000 | 3,747               | 133,241,883          | 35,560                               | 3,781               | 135,434,061          | 35,821                               |
| 50,000 "                      | 2,972               | 210,027,304          | 70,966                               | 3,216               | 228,807,450          | 71,147                               |
| 100,000 "                     | 2,256               | 319,335,510          | 141,549                              | 2,390               | 341,815,392          | 143,019                              |
| 200,000 "                     | 1,993               | 628,891,411          | 314,547                              | 2,108               | 664,348,960          | 315,156                              |
| 500,000 "                     | 806                 | 638,513,941          | 711,040                              | 816                 | 647,958,228          | 707,378                              |
| 1,000,000 "                   | 923                 | 1,886,374,534        | 2,043,743                            | 1,006               | 2,115,862,125        | 2,103,243                            |
| 5,000,000 and over            | 278                 | 3,616,930,213        | 13,010,540                           | 281                 | 4,473,836,590        | 15,921,127                           |
| <b>Totals and Averages</b>    | <b>27,862</b>       | <b>7,553,794,972</b> | <b>271,115</b>                       | <b>27,652</b>       | <b>8,732,460,999</b> | <b>315,813</b>                       |

<sup>1</sup> Includes central electric stations and dyeing, cleaning and laundry establishments.  
of Yukon and the Northwest Territories.

<sup>2</sup> Exclusive

**Size as Measured by Number of Employees.**—In 1923, establishments employing 501 hands or over accounted for 21.4 p.c. of the total number of employees engaged in manufacturing. By 1929 the proportion had increased to 27.3 p.c. of the total, thereby showing the increasing concentration of production into larger units. This tendency, however, was checked by the depression, the percentage having dropped in 1933 to 20.5 p.c. (central electric stations included). With the recovery in production since 1933 the percentage has risen again, and in 1939 stood at 25.6. The same also holds true for establishments employing 101 hands or over. In 1923 they employed 58.6 p.c. of the total, in 1929, 61.9 p.c., in 1933, 55.7 p.c., in 1939, 61.5 p.c.

The impact of the War on the concentration of war 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 1943 the number had increased to 378 and the percentage of total employees to 49.0. In a further subdivision of this group in 1943 it was found that 219 establishments employed between 500 and 999 persons, 55 between 1,000 and 1,499, and 104 employed over 1,500. All told, there were 5 plants employing over 10,000 persons, all of these being engaged in war production. The largest one had an employment of a little over 14,000, with the next two employing between 11,000 and 12,000, and the fourth and fifth largest plants employing 10,000 to 11,000 persons.

### 32.—Manufacturing Establishments, Classified by Number of Employees, by Provinces, 1943

| Province                             | Up to 500     | 500 to 799 | 800 to 999 | 1,000 to 1,499 | 1,500 and over | Total         |
|--------------------------------------|---------------|------------|------------|----------------|----------------|---------------|
| Prince Edward Island.....            | 230           | Nil        | Nil        | Nil            | Nil            | 230           |
| Nova Scotia.....                     | 1,267         | 5          | 1          | Nil            | 5              | 1,278         |
| New Brunswick.....                   | 855           | 3          | 1          | 2              | 1              | 862           |
| Quebec.....                          | 9,243         | 55         | 15         | 20             | 39             | 9,372         |
| Ontario.....                         | 10,394        | 90         | 31         | 25             | 47             | 10,587        |
| Manitoba.....                        | 1,236         | 2          | 2          | 2              | 3              | 1,245         |
| Saskatchewan.....                    | 974           | 1          | Nil        | 1              | Nil            | 976           |
| Alberta.....                         | 1,128         | 3          | 1          | 1              | Nil            | 1,133         |
| British Columbia.....                | 1,939         | 8          | 1          | 4              | 9              | 1,961         |
| Yukon and Northwest Territories..... | 8             | Nil        | Nil        | Nil            | Nil            | 8             |
| <b>Totals</b> .....                  | <b>27,274</b> | <b>167</b> | <b>52</b>  | <b>55</b>      | <b>104</b>     | <b>27,632</b> |

### 33.—Establishments and Employees in Canadian Manufactures, Grouped According to Number of Employees per Establishment, 1929, 1939, 1942 and 1943

| Group                            | 1929 <sup>1</sup>   |                  |                                   | 1939 <sup>2</sup>   |                  |                                   |
|----------------------------------|---------------------|------------------|-----------------------------------|---------------------|------------------|-----------------------------------|
|                                  | Estab-<br>lishments | Employees        | Average<br>per Estab-<br>lishment | Estab-<br>lishments | Employees        | Average<br>per Estab-<br>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                 | 139,587          | 305.0                             |
| 500 and over.....                | 182                 | 180,253          | 1,040.0                           | 172                 | 168,168          | 977.7                             |
| <b>Totals and Averages</b> ..... | <b>23,597</b>       | <b>691,434</b>   | <b>29.4</b>                       | <b>21,800</b>       | <b>658,059</b>   | <b>30.5</b>                       |
|                                  | 1942                |                  |                                   | 1943                |                  |                                   |
|                                  | No.                 | No.              | No.                               | No.                 | No.              | No.                               |
| Under 5 employees.....           | 13,622              | 30,300           | 2.2                               | 13,154              | 29,288           | 2.2                               |
| 5 to 14 employees.....           | 6,580               | 54,805           | 8.3                               | 6,606               | 54,478           | 8.2                               |
| 15 " 49 ".....                   | 4,205               | 115,925          | 27.2                              | 4,444               | 120,417          | 27.1                              |
| 50 " 99 ".....                   | 1,520               | 106,208          | 69.9                              | 1,536               | 107,153          | 69.7                              |
| 100 " 199 ".....                 | 885                 | 123,083          | 139.1                             | 875                 | 121,139          | 138.4                             |
| 200 " 499 ".....                 | 631                 | 193,072          | 306.0                             | 659                 | 200,912          | 304.9                             |
| 500 and over.....                | 359                 | 528,808          | 1,472.4                           | 378                 | 607,681          | 1,607.6                           |
| <b>Totals and Averages</b> ..... | <b>27,862</b>       | <b>1,152,091</b> | <b>41.4</b>                       | <b>27,652</b>       | <b>1,241,068</b> | <b>44.9</b>                       |

<sup>1</sup> Includes central electric stations, dyeing, cleaning and laundry establishments.  
Yukon and the Northwest Territories.

<sup>2</sup> Exclusive of

**Size of Establishment in Leading Industries.**—Table 34 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of automobiles, railway rolling-stock, aircraft, cotton yarn and cloth, shipbuilding and repairs, miscellaneous chemical products, non-ferrous metal smelting and refining, and pulp and paper; whereas in the case of bread and other bakery products, women's factory clothing, butter and cheese, and sawmills, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.



**34.—Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1943**

| Industry   | Number of Such Establishments | Percentage of Total Number in the Industry | Percentage of Total Production in the Industry |
|--|-------------------------------|--|--|
| 1 Non-ferrous smelting and refining <sup>1</sup> ..... | 10                            | 62.5                                       | 84.4   |
| 2 Miscellaneous chemical products.....                 | 23                            | 11.5                                       | 94.1   |
| 3 Slaughtering and meat packing.....                   | 20                            | 17.0                                       | 54.3   |
| 4 Shipbuilding and repairs.....                        | 31                            | 35.6                                       | 96.8   |
| 5 Iron and steel products, miscellaneous.....          | 29                            | 18.5                                       | 94.9   |
| 6 Automobiles <sup>1</sup> .....                       | 3                             | 60.0                                       | 99.1   |
| 7 Pulp and paper.....                                  | 58                            | 54.7                                       | 91.7   |
| 8 Aircraft.....  | 26                            | 57.8                                       | 95.1   |
| 9 Electrical apparatus and supplies.....               | 44                            | 19.7                                       | 81.7   |
| 10 Primary iron and steel.....                         | 33                            | 52.4                                       | 92.4   |
| 11 Butter and cheese.....                              | 12                            | 0.5  | 13.3   |
| 12 Flour and feed mills.....                           | 9                             | 0.8  | 45.1   |
| 13 Sawmills.....                                       | 20                            | 0.6  | 41.3   |
| 14 Brass and copper products.....                      | 22                            | 39.2                                       | 80.7   |
| 15 Petroleum products.....                             | 9                             | 17.3                                       | 69.5   |
| 16 Automobile supplies.....                            | 25                            | 24.8                                       | 88.0   |
| 17 Railway rolling-stock.....                          | 21                            | 61.8                                       | 96.4   |
| 18 Machinery.....                                      | 38                            | 14.8                                       | 69.6   |
| 19 Clothing, men's factory.....                        | 43                            | 10.5                                       | 52.7   |
| 20 Rubber goods, including footwear.....               | 18                            | 35.3                                       | 94.1   |
| 21 Cotton yarn and cloth.....                          | 25                            | 62.5                                       | 94.6   |
| 22 Clothing, women's factory.....                      | 13                            | 1.7  | 13.3   |
| 23 Bread and other bakery products.....                | 18                            | 0.0  | 23.9   |
| 24 Sheet metal products.....                           | 23                            | 12.0                                       | 65.8   |
| 25 Hardware, tools and cutlery.....                    | 27                            | 11.2                                       | 63.4   |

<sup>1</sup> 500 or more employees.

**35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1943**

NOTE.—For principal statistics of the manufacturing industries in each province by size of establishments, see Table 3 of Part II, p. 66.

| Group and Industry                                 | Establishments | Capital            | Employees     | Salaries and Wages | Cost of Materials  | Gross Value of Products |
|--|----------------|--------------------|---------------|--------------------|--------------------|-------------------------|
|  | No.            | \$                 | No.           | \$                 | \$                 | \$                      |
| <b>1. Non-Ferrous Metal Smelting and Refining—</b> |                |                    |               |                    |                    |                         |
| 50 to 99 employees.....                            | 1              |                    |               |                    |                    |                         |
| 100 " 199 ".....                                   | 1              | 37,355,896         | 2,145         | 3,817,016          | 69,282,914         | 70,687,734              |
| 200 " 499 ".....                                   | 4              |                    |               |                    |                    |                         |
| 500 and over.....                                  | 10             | 354,861,263        | 24,604        | 44,674,716         | 286,968,341        | 431,525,642             |
| <b>Totals.....</b>                                 | <b>16</b>      | <b>392,217,159</b> | <b>26,749</b> | <b>48,491,732</b>  | <b>356,251,255</b> | <b>511,213,376</b>      |
| <b>2. Miscellaneous Chemical Products.—</b>        |                |                    |               |                    |                    |                         |
| Under 5 employees.....                             | 68             | 883,644            | 157           | 187,204            | 426,035            | 653,734                 |
| 5 to 14 ".....                                     | 51             | 2,661,199          | 421           | 732,195            | 2,033,240          | 4,112,089               |
| 15 " 49 ".....                                     | 43             | 7,123,821          | 1,178         | 1,890,643          | 5,387,209          | 10,385,683              |
| 50 " 99 ".....                                     | 5              | 2,633,191          | 322           | 475,472            | 1,532,934          | 3,300,972               |
| 100 " 199 ".....                                   | 10             | 8,596,437          | 1,406         | 1,938,321          | 4,576,773          | 9,669,301               |
| 200 " 499 ".....                                   | 7              | 13,561,916         | 2,197         | 3,187,443          | 9,153,906          | 19,838,981              |
| 500 and over.....                                  | 16             | 471,898,797        | 55,777        | 86,084,753         | 219,831,314        | 434,399,257             |
| <b>Totals.....</b>                                 | <b>200</b>     | <b>505,359,065</b> | <b>61,128</b> | <b>94,496,031</b>  | <b>242,910,411</b> | <b>482,660,017</b>      |
| <b>3. Slaughtering and Meat Packing—</b>           |                |                    |               |                    |                    |                         |
| Under 5 employees.....                             | 29             | 253,989            | 58            | 55,928             | 1,141,298          | 1,277,480               |
| 5 to 14 ".....                                     | 43             | 1,235,270          | 369           | 494,919            | 9,039,530          | 10,213,566              |
| 15 " 49 ".....                                     | 33             | 4,139,855          | 857           | 1,331,856          | 24,921,272         | 28,132,016              |
| 50 " 99 ".....                                     | 12             | 5,650,291          | 865           | 1,320,952          | 22,016,334         | 25,004,882              |
| 100 " 199 ".....                                   | 10             | 9,137,937          | 1,420         | 2,229,554          | 31,434,197         | 35,160,693              |
| 200 " 499 ".....                                   | 14             | 22,506,710         | 4,304         | 6,693,929          | 78,473,062         | 90,643,682              |
| 500 and over.....                                  | 12             | 60,024,476         | 10,842        | 17,867,502         | 215,289,100        | 246,776,258             |
| <b>Totals.....</b>                                 | <b>153</b>     | <b>102,948,528</b> | <b>18,775</b> | <b>29,994,640</b>  | <b>382,284,793</b> | <b>437,228,577</b>      |

**35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1943—continued**

| Group and Industry                           | Estab-<br>lish-<br>ments | Capital            | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value<br>of<br>Products |
|--|--------------------------|--------------------|----------------|--------------------------|-------------------------|----------------------------------|
|  | No.                      | \$                 | No.            | \$                       | \$                      | \$                               |
| <b>4. Shipbuilding and Repairs—</b>          |                          |                    |                |                          |                         |                                  |
| Under 5 employees.....                       | 5                        | 125,730            | 17             | 15,047                   | 15,764                  | 65,142                           |
| 5 to 14 ".....                               | 7                        | 138,756            | 78             | 133,861                  | 102,907                 | 310,810                          |
| 15 " 49 ".....                               | 25                       | 1,868,491          | 710            | 1,143,759                | 963,310                 | 3,061,365                        |
| 50 " 99 ".....                               | 13                       | 2,735,978          | 953            | 1,658,725                | 1,521,786               | 4,891,875                        |
| 100 " 199 ".....                             | 6                        | 2,085,304          | 806            | 1,517,016                | 758,570                 | 3,575,195                        |
| 200 " 499 ".....                             | 8                        | 6,024,798          | 2,497          | 4,304,503                | 2,679,419               | 11,685,208                       |
| 500 and over.....                            | 23                       | 229,013,768        | 70,786         | 144,732,425              | 117,275,680             | 352,965,379                      |
| <b>Totals.....</b>                           | <b>87</b>                | <b>241,992,825</b> | <b>75,847</b>  | <b>153,595,336</b>       | <b>123,317,336</b>      | <b>376,560,974</b>               |
| <b>5. Iron and Steel Products—</b>           |                          |                    |                |                          |                         |                                  |
| <b>Miscellaneous—</b>                        |                          |                    |                |                          |                         |                                  |
| Under 5 employees.....                       | 27                       | 321,675            | 65             | 86,960                   | 71,825                  | 221,383                          |
| 5 " 14 ".....                                | 34                       | 821,818            | 300            | 500,309                  | 359,486                 | 1,276,769                        |
| 15 " 49 ".....                               | 50                       | 3,919,912          | 1,265          | 1,989,309                | 2,789,018               | 6,565,800                        |
| 50 " 99 ".....                               | 13                       | 2,769,711          | 974            | 1,813,669                | 1,331,948               | 4,646,009                        |
| 100 " 199 ".....                             | 8                        | 3,891,971          | 1,118          | 2,074,481                | 2,059,804               | 5,883,238                        |
| 200 " 499 ".....                             | 10                       | 10,725,905         | 3,025          | 5,539,257                | 9,513,730               | 20,192,330                       |
| 500 and over.....                            | 19                       | 254,050,441        | 41,820         | 83,896,320               | 105,532,498             | 325,912,455                      |
| <b>Totals.....</b>                           | <b>161</b>               | <b>276,501,433</b> | <b>48,567</b>  | <b>95,810,305</b>        | <b>181,658,309</b>      | <b>364,698,074</b>               |
| <b>6. Automobiles—</b>                       |                          |                    |                |                          |                         |                                  |
| 100 " 199 employees.....                     | 1                        |                    |                |                          |                         |                                  |
| 200 " 499 ".....                             | 1                        | 139,610,450        | 24,265         | 57,569,265               | 248,652,602             | 352,229,955                      |
| 500 and over.....                            | 3                        |                    |                |                          |                         |                                  |
| <b>Totals.....</b>                           | <b>5</b>                 | <b>139,610,450</b> | <b>24,265</b>  | <b>57,569,265</b>        | <b>248,652,602</b>      | <b>352,229,955</b>               |
| <b>7. Pulp and Paper—</b>                    |                          |                    |                |                          |                         |                                  |
| 5 to 14 employees.....                       | 2                        |                    |                |                          |                         |                                  |
| 15 " 49 ".....                               | 15                       | 2,801,267          | 475            | 698,414                  | 1,508,575               | 3,016,160                        |
| 50 " 99 ".....                               | 15                       | 7,403,728          | 1,058          | 1,592,622                | 3,906,940               | 7,902,357                        |
| 100 " 199 ".....                             | 16                       | 16,087,988         | 2,287          | 3,701,822                | 8,846,097               | 17,714,578                       |
| 200 " 499 ".....                             | 27                       | 177,861,401        | 9,149          | 17,386,199               | 35,901,098              | 90,128,738                       |
| 500 and over.....                            | 31                       | 462,704,759        | 24,051         | 47,820,365               | 93,793,752              | 226,891,631                      |
| <b>Totals.....</b>                           | <b>106</b>               | <b>667,458,143</b> | <b>37,020</b>  | <b>71,199,422</b>        | <b>143,956,462</b>      | <b>345,653,470</b>               |
| <b>8. Aircraft—</b>                          |                          |                    |                |                          |                         |                                  |
| 5 to 14 employees.....                       | 1                        |                    |                |                          |                         |                                  |
| 15 " 49 ".....                               | 6                        | 208,210            | 152            | 233,840                  | 46,964                  | 481,902                          |
| 50 " 99 ".....                               | 5                        | 512,837            | 343            | 614,561                  | 94,344                  | 1,218,488                        |
| 100 " 199 ".....                             | 7                        | 2,221,567          | 981            | 1,716,231                | 337,456                 | 3,000,818                        |
| 200 " 499 ".....                             | 5                        | 3,584,740          | 1,456          | 2,461,394                | 1,764,809               | 6,497,731                        |
| 500 and over.....                            | 21                       | 221,908,745        | 66,597         | 121,800,673              | 58,204,437              | 234,829,047                      |
| <b>Totals.....</b>                           | <b>45</b>                | <b>228,616,099</b> | <b>69,529</b>  | <b>126,826,708</b>       | <b>66,148,010</b>       | <b>246,028,586</b>               |
| <b>9. Electrical Apparatus and Supplies—</b> |                          |                    |                |                          |                         |                                  |
| Under 5 employees.....                       | 32                       | 466,110            | 93             | 128,698                  | 175,074                 | 433,361                          |
| 5 to 14 ".....                               | 45                       | 1,591,631          | 407            | 619,842                  | 977,544                 | 2,431,396                        |
| 15 " 49 ".....                               | 57                       | 6,812,266          | 1,598          | 2,411,967                | 3,740,970               | 9,014,308                        |
| 50 " 99 ".....                               | 24                       | 7,032,700          | 1,072          | 2,423,997                | 5,646,102               | 11,629,892                       |
| 100 " 199 ".....                             | 21                       | 13,833,801         | 3,130          | 4,880,918                | 10,316,357              | 21,418,565                       |
| 200 " 499 ".....                             | 27                       | 29,750,545         | 8,837          | 12,481,326               | 18,688,812              | 44,249,801                       |
| 500 and over.....                            | 17                       | 101,774,772        | 31,191         | 53,954,246               | 60,736,192              | 150,593,440                      |
| <b>Totals.....</b>                           | <b>223</b>               | <b>161,260,825</b> | <b>46,928</b>  | <b>76,906,994</b>        | <b>109,291,060</b>      | <b>215,770,859</b>               |
| <b>10. Primary Iron and Steel—</b>           |                          |                    |                |                          |                         |                                  |
| Under 5 employees.....                       | 1                        | 450,234            | 212            | 438,213                  | 1,164,496               | 934,049                          |
| 15 to 49 ".....                              | 7                        |                    |                |                          |                         |                                  |
| 50 " 99 ".....                               | 9                        | 5,239,589          | 599            | 1,157,762                | 3,263,408               | 2,744,449                        |
| 100 " 199 ".....                             | 13                       | 8,477,012          | 1,887          | 3,216,665                | 7,518,698               | 13,330,416                       |
| 200 " 499 ".....                             | 15                       | 39,459,076         | 4,486          | 8,217,864                | 24,392,683              | 28,010,276                       |
| 500 and over.....                            | 18                       | 181,730,327        | 27,038         | 82,623,964               | 65,074,509              | 178,931,269                      |
| <b>Totals.....</b>                           | <b>63</b>                | <b>235,386,238</b> | <b>34,222</b>  | <b>65,654,468</b>        | <b>101,463,794</b>      | <b>223,951,659</b>               |

35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1913—continued

| Group and Industry                    | Estab-lish-ments | Capital            | Em-ployees    | Salaries and Wages | Cost of Materials  | Gross Value of Products |
|---------------------------------------|------------------|--------------------|---------------|--------------------|--------------------|-------------------------|
|                                       | No.              | \$                 | No.           | \$                 | \$                 | \$                      |
| <b>11. Butter and Cheese—</b>         |                  |                    |               |                    |                    |                         |
| Under 5 employees.....                | 1,641            | 13,312,258         | 3,666         | 2,631,470          | 48,852,513         | 54,891,172              |
| 5 to 14 ".....                        | 406              | 13,094,601         | 3,685         | 3,918,162          | 49,356,354         | 59,075,709              |
| 15 " 49 ".....                        | 146              | 12,549,989         | 3,640         | 4,445,632          | 20,863,475         | 39,703,231              |
| 50 " 99 ".....                        | 34               | 8,971,794          | 2,236         | 3,063,396          | 12,981,966         | 18,933,384              |
| 100 " 199 ".....                      | 15               | 6,375,043          | 1,975         | 2,097,346          | 9,226,145          | 14,427,350              |
| 200 " 499 ".....                      | 11               |                    |               |                    |                    |                         |
| 500 and over.....                     | 1                | 17,933,678         | 3,979         | 6,880,360          | 16,601,294         | 28,740,649              |
| <b>Totals.....</b>                    | <b>2,314</b>     | <b>72,237,363</b>  | <b>19,181</b> | <b>23,836,366</b>  | <b>166,881,687</b> | <b>215,771,404</b>      |
| <b>12. Flour and Feed Mills—</b>      |                  |                    |               |                    |                    |                         |
| Under 5 employees.....                | 990              | 8,864,831          | 1,646         | 1,223,644          | 31,319,504         | 36,919,948              |
| 5 to 14 ".....                        | 93               | 4,085,311          | 711           | 862,587            | 13,189,736         | 15,524,605              |
| 15 " 49 ".....                        | 28               | 4,410,110          | 631           | 992,505            | 13,366,964         | 15,078,345              |
| 50 " 99 ".....                        | 6                | 11,968,838         | 617           | 993,401            | 19,662,420         | 23,677,460              |
| 100 " 199 ".....                      | 5                | 9,072,187          | 755           | 1,228,031          | 15,699,028         | 19,282,262              |
| 200 " 499 ".....                      | 9                | 31,559,532         | 2,803         | 5,805,570          | 76,250,870         | 90,644,071              |
| <b>Totals.....</b>                    | <b>1,131</b>     | <b>70,869,815</b>  | <b>7,163</b>  | <b>10,015,738</b>  | <b>169,488,522</b> | <b>201,127,291</b>      |
| <b>13. Sawmills—</b>                  |                  |                    |               |                    |                    |                         |
| Under 5 employees.....                | 3,650            | 10,716,910         | 8,406         | 3,382,573          | 12,675,860         | 21,205,363              |
| 5 to 14 ".....                        | 1,000            | 13,894,953         | 7,891         | 6,196,294          | 16,406,421         | 30,198,303              |
| 15 " 49 ".....                        | 346              | 21,504,651         | 8,872         | 19,303,043         | 19,960,841         | 38,644,703              |
| 50 " 99 ".....                        | 77               | 15,805,237         | 5,042         | 7,014,771          | 11,827,731         | 22,858,455              |
| 100 " 199 ".....                      | 29               | 17,012,092         | 4,099         | 5,828,004          | 14,170,826         | 25,570,978              |
| 200 " 499 ".....                      | 2                |                    |               |                    |                    |                         |
| 500 and over.....                     | 2                | 36,330,045         | 9,644         | 16,839,018         | 26,580,081         | 55,401,534              |
| <b>Totals.....</b>                    | <b>5,140</b>     | <b>115,273,788</b> | <b>43,954</b> | <b>49,561,303</b>  | <b>101,021,760</b> | <b>195,885,336</b>      |
| <b>14. Brass and Copper Products—</b> |                  |                    |               |                    |                    |                         |
| Under 5 employees.....                | 28               | 272,065            | 73            | 99,889             | 102,621            | 310,495                 |
| 5 to 14 ".....                        | 43               | 998,963            | 443           | 780,539            | 893,138            | 2,367,093               |
| 15 " 49 ".....                        | 40               | 3,947,153          | 1,073         | 1,861,870          | 10,462,375         | 14,283,607              |
| 50 " 99 ".....                        | 14               | 3,352,629          | 1,010         | 1,751,080          | 2,263,944          | 5,716,451               |
| 100 " 199 ".....                      | 11               | 6,802,787          | 1,456         | 2,546,269          | 9,587,472          | 14,600,498              |
| 200 " 499 ".....                      | 10               | 10,634,430         | 3,332         | 5,697,933          | 6,200,117          | 17,457,328              |
| 500 and over.....                     | 12               | 47,739,551         | 14,512        | 27,984,621         | 78,822,768         | 138,302,640             |
| <b>Totals.....</b>                    | <b>158</b>       | <b>73,742,578</b>  | <b>21,899</b> | <b>40,731,201</b>  | <b>108,330,435</b> | <b>192,987,718</b>      |
| <b>15. Petroleum Products—</b>        |                  |                    |               |                    |                    |                         |
| Under 5 employees.....                | 11               | 137,335            | 29            | 37,675             | 66,211             | 152,139                 |
| 5 to 14 ".....                        | 14               | 1,190,535          | 115           | 188,521            | 604,675            | 1,163,293               |
| 15 " 49 ".....                        | 6                | 2,118,223          | 153           | 266,282            | 4,398,489          | 5,879,917               |
| 50 " 99 ".....                        | 5                | 12,205,837         | 344           | 480,087            | 5,381,559          | 6,751,627               |
| 100 " 199 ".....                      | 7                | 21,394,142         | 944           | 1,822,742          | 31,533,912         | 43,074,950              |
| 200 " 499 ".....                      | 2                |                    |               |                    |                    |                         |
| 500 and over.....                     | 2                | 53,150,587         | 4,500         | 9,959,425          | 96,175,947         | 130,084,222             |
| <b>Totals.....</b>                    | <b>52</b>        | <b>90,196,639</b>  | <b>6,085</b>  | <b>12,748,732</b>  | <b>138,159,884</b> | <b>187,106,654</b>      |
| <b>16. Automobile Supplies—</b>       |                  |                    |               |                    |                    |                         |
| Under 5 employees.....                | 9                | 196,670            | 29            | 41,967             | 59,950             | 181,450                 |
| 5 to 14 ".....                        | 31               | 1,018,671          | 273           | 417,679            | 500,273            | 1,259,784               |
| 15 " 49 ".....                        | 14               | 1,103,793          | 361           | 587,463            | 836,020            | 1,829,297               |
| 50 " 99 ".....                        | 10               | 2,501,956          | 768           | 1,113,797          | 2,220,801          | 4,741,217               |
| 100 " 199 ".....                      | 12               | 8,888,978          | 1,641         | 2,971,046          | 6,999,802          | 13,082,449              |
| 200 " 499 ".....                      | 15               | 19,573,573         | 5,094         | 9,158,210          | 19,176,782         | 42,022,836              |
| 500 and over.....                     | 10               | 45,110,405         | 13,465        | 26,038,408         | 60,193,035         | 111,957,944             |
| <b>Totals.....</b>                    | <b>101</b>       | <b>78,191,016</b>  | <b>21,631</b> | <b>40,328,567</b>  | <b>89,286,643</b>  | <b>175,074,983</b>      |
| <b>17. Railway Rolling Stock—</b>     |                  |                    |               |                    |                    |                         |
| Under 5 employees.....                | 2                |                    |               |                    |                    |                         |
| 5 to 14 ".....                        | 2                | 392,466            | 27            | 53,569             | 376,420            | 519,220                 |
| 15 " 49 ".....                        | 3                |                    |               |                    |                    |                         |
| 50 " 49 ".....                        | 2                | 848,592            | 237           | 323,713            | 580,203            | 1,134,022               |
| 100 " 199 ".....                      | 4                | 3,640,319          | 548           | 1,002,141          | 1,283,254          | 4,068,902               |
| 200 " 499 ".....                      | 6                | 12,540,821         | 2,105         | 3,848,583          | 4,077,990          | 9,510,265               |
| 500 and over.....                     | 15               | 107,737,909        | 27,578        | 54,214,673         | 76,751,552         | 143,923,278             |
| <b>Totals.....</b>                    | <b>34</b>        | <b>125,160,095</b> | <b>30,495</b> | <b>59,442,678</b>  | <b>85,069,419</b>  | <b>159,156,587</b>      |

**35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1943—continued**

| Group and Industry                                | Estab-<br>lish-<br>ments | Capital            | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value<br>of<br>Products |
|---|--------------------------|--------------------|----------------|--------------------------|-------------------------|----------------------------------|
|   | No.                      | \$                 | No.            | \$                       | \$                      | \$                               |
| <b>18. Machinery—</b>                             |                          |                    |                |                          |                         |                                  |
| Under 5 employees.....                            | 22                       | 612,828            | 50             | 68,991                   | 109,155                 | 265,773                          |
| 5 to 14 ".....                                    | 49                       | 2,870,062          | 472            | 811,312                  | 717,314                 | 2,365,165                        |
| 15 " 49 ".....                                    | 76                       | 11,087,907         | 2,239          | 4,193,047                | 4,394,505               | 12,745,087                       |
| 50 " 99 ".....                                    | 60                       | 14,196,895         | 3,513          | 6,648,854                | 5,661,715               | 18,081,433                       |
| 100 " 199 ".....                                  | 21                       | 11,274,087         | 2,883          | 4,960,681                | 4,293,954               | 12,806,050                       |
| 200 " 499 ".....                                  | 25                       | 30,925,485         | 7,385          | 13,733,452               | 12,673,261              | 43,031,973                       |
| 500 and over.....                                 | 13                       | 52,654,251         | 11,747         | 22,401,707               | 20,835,940              | 63,064,095                       |
| <b>Totals</b> .....                               | <b>256</b>               | <b>123,671,515</b> | <b>28,239</b>  | <b>52,818,044</b>        | <b>48,685,844</b>       | <b>152,359,576</b>               |
| <b>19. Clothing, Men's Factory—</b>               |                          |                    |                |                          |                         |                                  |
| Under 5 employees.....                            | 58                       | 1,043,807          | 143            | 227,594                  | 1,644,845               | 2,841,864                        |
| 5 to 14 ".....                                    | 81                       | 2,756,267          | 735            | 864,981                  | 3,739,243               | 6,608,884                        |
| 15 " 49 ".....                                    | 122                      | 8,071,195          | 3,551          | 4,127,584                | 11,286,696              | 10,593,700                       |
| 50 " 99 ".....                                    | 75                       | 10,414,081         | 5,241          | 5,764,787                | 13,653,174              | 22,515,616                       |
| 100 " 199 ".....                                  | 31                       | 7,855,143          | 4,221          | 5,282,327                | 11,838,480              | 19,417,003                       |
| 200 " 499 ".....                                  | 35                       | 18,642,786         | 10,737         | 12,113,176               | 31,735,191              | 50,233,043                       |
| 500 and over.....                                 | 8                        | 11,233,376         | 6,257          | 8,886,626                | 17,657,208              | 28,689,072                       |
| <b>Totals</b> .....                               | <b>410</b>               | <b>60,916,655</b>  | <b>30,885</b>  | <b>37,267,075</b>        | <b>91,554,837</b>       | <b>149,800,112</b>               |
| <b>20. Rubber Goods (Including<br/>Footwear)—</b> |                          |                    |                |                          |                         |                                  |
| Under 5 employees.....                            | 4                        | 41,761             | 8              | 7,473                    | 13,510                  | 27,803                           |
| 5 to 14 ".....                                    | 7                        | 180,450            | 54             | 78,170                   | 124,177                 | 239,104                          |
| 15 " 49 ".....                                    | 10                       | 1,043,270          | 243            | 303,777                  | 539,487                 | 1,222,758                        |
| 50 " 99 ".....                                    | 8                        | 2,034,568          | 589            | 816,103                  | 1,026,049               | 2,075,289                        |
| 100 " 199 ".....                                  | 4                        | 1,634,934          | 548            | 663,527                  | 1,520,325               | 3,473,322                        |
| 200 " 499 ".....                                  | 7                        | 8,972,540          | 2,520          | 3,698,002                | 5,588,308               | 13,219,083                       |
| 500 and over.....                                 | 11                       | 59,643,245         | 11,951         | 19,775,456               | 59,485,636              | 109,300,421                      |
| <b>Totals</b> .....                               | <b>51</b>                | <b>73,550,768</b>  | <b>15,913</b>  | <b>25,342,506</b>        | <b>68,297,492</b>       | <b>130,157,780</b>               |
| <b>21. Cotton Yarn and Cloth—</b>                 |                          |                    |                |                          |                         |                                  |
| Under 5 employees.....                            | 1                        | 39,525             | 15             | 11,827                   | 35,589                  | 57,003                           |
| 5 to 14 ".....                                    | 2                        |                    |                |                          |                         |                                  |
| 15 " 49 ".....                                    | 3                        |                    |                |                          |                         |                                  |
| 50 " 99 ".....                                    | 2                        | 1,725,588          | 261            | 246,476                  | 999,561                 | 1,326,696                        |
| 100 " 199 ".....                                  | 7                        | 3,600,850          | 1,000          | 1,268,327                | 3,016,631               | 5,486,108                        |
| 200 " 499 ".....                                  | 10                       | 17,183,567         | 3,370          | 3,781,144                | 11,800,126              | 18,137,488                       |
| 500 and over.....                                 | 15                       | 62,511,395         | 18,880         | 22,838,437               | 64,811,383              | 101,872,579                      |
| <b>Totals</b> .....                               | <b>40</b>                | <b>85,060,925</b>  | <b>23,526</b>  | <b>28,146,211</b>        | <b>80,663,290</b>       | <b>126,879,874</b>               |
| <b>22. Clothing, Women's Factory—</b>             |                          |                    |                |                          |                         |                                  |
| Under 5 employees.....                            | 69                       | 668,782            | 202            | 246,104                  | 783,161                 | 1,568,463                        |
| 5 to 14 ".....                                    | 223                      | 3,925,564          | 2,136          | 2,725,799                | 6,062,519               | 11,273,110                       |
| 15 " 49 ".....                                    | 365                      | 18,250,534         | 10,411         | 13,955,393               | 28,366,958              | 52,103,378                       |
| 50 " 99 ".....                                    | 87                       | 9,910,680          | 5,851          | 7,569,178                | 16,541,280              | 29,345,985                       |
| 100 " 199 ".....                                  | 24                       | 5,612,410          | 3,378          | 3,851,682                | 7,958,097               | 13,891,581                       |
| 200 " 499 ".....                                  | 13                       | 5,931,266          | 3,774          | 4,037,321                | 9,552,816               | 16,655,272                       |
| <b>Totals</b> .....                               | <b>781</b>               | <b>44,299,242</b>  | <b>25,752</b>  | <b>32,385,477</b>        | <b>69,264,831</b>       | <b>124,837,789</b>               |
| <b>23. Bread and Other Bakery<br/>Products—</b>   |                          |                    |                |                          |                         |                                  |
| Under 5 employees.....                            | 1,924                    | 11,004,860         | 4,285          | 3,779,910                | 8,108,462               | 16,219,963                       |
| 5 " 14 ".....                                     | 789                      | 10,581,337         | 6,020          | 5,985,587                | 11,027,388              | 22,387,173                       |
| 15 " 49 ".....                                    | 207                      | 9,937,005          | 5,222          | 6,407,836                | 11,509,698              | 24,045,285                       |
| 50 " 99 ".....                                    | 37                       | 5,205,288          | 2,645          | 3,789,989                | 7,259,947               | 14,401,712                       |
| 100 " 199 ".....                                  | 21                       | 6,726,309          | 2,887          | 3,984,514                | 7,229,271               | 14,612,058                       |
| 200 " 499 ".....                                  | 15                       | 9,768,800          | 3,930          | 5,954,026                | 8,325,097               | 19,856,822                       |
| 500 and over.....                                 | 3                        | 3,844,654          | 1,840          | 2,989,198                | 3,491,388               | 8,922,012                        |
| <b>Totals</b> .....                               | <b>2,996</b>             | <b>57,067,417</b>  | <b>26,829</b>  | <b>32,891,060</b>        | <b>56,951,269</b>       | <b>120,345,625</b>               |
| <b>24. Sheet Metal Products—</b>                  |                          |                    |                |                          |                         |                                  |
| Under 5 employees.....                            | 37                       | 467,285            | 95             | 110,593                  | 200,105                 | 426,751                          |
| 5 to 14 ".....                                    | 44                       | 1,309,296          | 398            | 605,843                  | 502,180                 | 1,402,457                        |
| 15 " 49 ".....                                    | 51                       | 5,452,627          | 1,462          | 2,250,440                | 3,385,368               | 7,687,619                        |
| 50 " 99 ".....                                    | 18                       | 4,457,392          | 1,318          | 2,000,253                | 2,902,431               | 6,950,502                        |
| 100 " 199 ".....                                  | 18                       | 14,349,455         | 2,450          | 3,704,398                | 8,830,178               | 16,694,052                       |
| 200 " 499 ".....                                  | 14                       | 27,784,602         | 5,264          | 8,328,013                | 19,017,640              | 34,665,101                       |
| 500 and over.....                                 | 9                        | 23,966,015         | 5,968          | 9,568,368                | 14,085,020              | 29,097,509                       |
| <b>Totals</b> .....                               | <b>191</b>               | <b>77,816,582</b>  | <b>16,955</b>  | <b>26,577,908</b>        | <b>48,922,922</b>       | <b>96,923,991</b>                |

**35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1943—concluded**

| Group and Industry                          | Estab-<br>lish-<br>ments | Capital           | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value of<br>Products |
|---|--------------------------|-------------------|----------------|--------------------------|-------------------------|-------------------------------|
|   | No.                      | \$                | No.            | \$                       | \$                      | \$                            |
| <b>25. Hardware, Tools and<br/>Cutlery—</b> |                          |                   |                |                          |                         |                               |
| Under 5 employees.....                      | 25                       | 390,230           | 65             | 84,764                   | 101,254                 | 347,428                       |
| 5 to 14 ".....                              | 64                       | 1,602,722         | 500            | 859,282                  | 587,973                 | 2,320,514                     |
| 15 " 49 ".....                              | 73                       | 6,631,902         | 2,006          | 3,389,091                | 2,316,933               | 8,793,495                     |
| 50 " 99 ".....                              | 35                       | 8,871,556         | 2,308          | 4,415,125                | 3,053,799               | 11,467,063                    |
| 100 " 199 ".....                            | 17                       | 7,476,557         | 2,391          | 4,086,359                | 3,410,594               | 10,595,607                    |
| 200 " 499 ".....                            | 21                       | 22,146,982        | 6,331          | 10,922,841               | 9,322,460               | 35,812,244                    |
| 500 and over.....                           | 6                        | 15,693,802        | 5,597          | 9,463,734                | 5,440,699               | 22,040,682                    |
| <b>Totals.....</b>                          | <b>241</b>               | <b>62,873,901</b> | <b>19,228</b>  | <b>33,227,867</b>        | <b>24,233,712</b>       | <b>91,296,033</b>             |

**Subsection 5.—Power and Fuel**

**Power.**—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 costs 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 break-down of part of the plant; in times of depression this margin increases. Then, too, the practice in factories, etc., of installing individual motors to each machine in place of large central motors increases total installed capacity. If spare or idle machinery could be deducted from total installation over a long period of time, the resultant data would be more informative. Reports of such spare or idle equipment are available, however, only since 1934, and the percentage of equipment not in regular use has been approximately the same each year, viz., about 6 p.c. Power equipment figures, unless such deductions can be made over a long term, will not reflect temporary depressions.

Electric motors in the manufacturing industries operated by purchased power are included with primary power equipment and consequently the central electric stations producing the power are not included as manufacturing industries. Electric motors operated by power generated within these industries are not included in Table 36 with the primary power equipment that produces the power to operate them but they are shown separately, together with the total of all electric motors for each year. These totals indicate the rate of growth of electric drive in these industries in Canada, which has increased from 61.3 p.c. of the total power equipment in 1923 to 80.7 p.c. in 1943.

Of the total increase in power equipment employed in manufacturing industries since 1923, over 81 p.c. was in electric motors operated on 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—has also increased rapidly during the period covered. During the period 1923-43 there was an increase of 28 p.c. in the capacity of water wheels, 78 p.c. in the capacity of steam engines, while the capacity of electric motors and internal combustion engines more than quadrupled during the same period.

**36.—Power Equipment Installed in the Manufacturing Industries of Canada, 1931-42 with Details by Provinces and Industrial Groups, 1943**

| 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.                  |
| <b>Totals, 1931</b> .....           | 780,497                    | 73,376                      | 667,516                             | 1,521,409        | 2,578,523                                   | 4,099,932             | 539,426   | 3,117,953             |
| <b>Totals, 1932</b> .....           | 745,980                    | 68,551                      | 653,201                             | 1,457,735        | 2,684,923                                   | 4,142,658             | 510,837   | 3,195,760             |
| <b>Totals, 1933</b> .....           | 738,327                    | 76,583                      | 657,683                             | 1,472,593        | 2,602,415                                   | 4,135,008             | 497,392   | 3,159,837             |
| <b>Totals, 1934</b> .....           | 774,494                    | 87,120                      | 597,675                             | 1,459,289        | 2,776,383                                   | 4,239,672             | 544,714   | 3,315,097             |
| <b>Totals, 1935</b> .....           | 774,166                    | 88,265                      | 603,717                             | 1,466,148        | 2,865,340                                   | 4,331,488             | 572,177   | 3,377,517             |
| <b>Totals, 1936</b> .....           | 743,184                    | 92,480                      | 648,489                             | 1,484,153        | 2,977,744                                   | 4,461,867             | 528,501   | 3,506,215             |
| <b>Totals, 1937</b> .....           | 834,763                    | 98,233                      | 649,557                             | 1,582,493        | 3,129,790                                   | 4,712,283             | 602,955   | 3,732,715             |
| <b>Totals, 1938</b> .....           | 830,897                    | 111,615                     | 723,377                             | 1,665,919        | 3,303,801                                   | 4,969,793             | 639,741   | 3,963,515             |
| <b>Totals, 1939</b> .....           | 827,801                    | 121,997                     | 731,390                             | 1,681,188        | 3,364,095                                   | 5,045,287             | 694,150   | 4,058,519             |
| <b>Totals, 1940</b> .....           | 848,596                    | 152,340                     | 727,651                             | 1,727,587        | 3,564,048                                   | 5,290,935             | 724,769   | 4,287,849             |
| <b>Totals, 1941</b> .....           | 917,474                    | 179,161                     | 724,199                             | 1,821,134        | 4,028,912                                   | 5,850,076             | 740,112   | 4,769,654             |
| <b>Totals, 1942</b> .....           | 927,569                    | 224,358                     | 711,751                             | 1,893,618        | 4,168,402                                   | 6,062,020             | 800,917   | 4,969,319             |
| <b>PROVINCE</b>                     |                            |                             |                                     |                  |   |                       |   |                       |
| P.E. Island .....                   | 1,217                      | 963                         | 1,262                               | 3,442            | 1,117                                       | 4,559                 | Nil   | 1,117                 |
| Nova Scotia .....                   | 70,195                     | 14,194                      | 15,581                              | 99,970           | 95,736                                      | 195,706               | 62,883  | 158,619               |
| New Brunswick .....                 | 84,115                     | 11,820                      | 27,693                              | 123,628          | 120,157                                     | 243,785               | 55,364  | 181,521               |
| Quebec .....                        | 207,436                    | 62,776                      | 328,602                             | 598,931          | 1,640,633                                   | 2,239,564             | 174,062   | 1,814,695             |
| Ontario .....                       | 404,942                    | 95,129                      | 264,482                             | 764,553          | 1,906,531                                   | 2,671,084             | 314,998   | 2,221,529             |
| Manitoba .....                      | 17,323                     | 7,048                       | 295                                 | 24,664           | 141,290                                     | 165,924               | 6,629   | 147,889               |
| Saskatchewan .....                  | 20,023                     | 14,370                      | 80                                  | 34,473           | 43,735                                      | 78,208                | 284   | 44,010                |
| Alberta .....                       | 31,247                     | 17,240                      | 744                                 | 49,231           | 89,611                                      | 138,542               | 5,837   | 95,448                |
| British Columbia .....              | 151,621                    | 34,293                      | 110,796                             | 296,710          | 375,313                                     | 672,021               | 140,572   | 515,886               |
| Yukon and N.W.T. .....              | 104                        | 40                          | Nil                                 | 144              | 12  | 156                   | Nil   | 12                    |
| <b>Totals, 1943</b> .....           | <b>988,280<sup>1</sup></b> | <b>257,873</b>              | <b>749,593</b>                      | <b>1,995,746</b> | <b>4,420,105</b>                            | <b>6,415,851</b>      | <b>760,630</b>  | <b>5,180,735</b>      |
| <b>INDUSTRIAL GROUP</b>             |                            |                             |                                     |                  |   |                       |   |                       |
| Vegetable products .....            | 54,214                     | 15,075                      | 28,728                              | 118,017          | 296,936                                     | 414,953               | 35,385  | 322,321               |
| Animal products .....               | 25,450                     | 11,695                      | 3,164                               | 40,309           | 139,013                                     | 179,322               | 3,536   | 142,549               |
| Textiles and textile products ..... | 27,495                     | 4,007                       | 25,290                              | 56,852           | 209,982                                     | 266,834               | 34,520  | 244,502               |
| Wood and paper products .....       | 510,015                    | 118,378                     | 621,949                             | 1,256,342        | 1,510,149                                   | 2,766,491             | 493,210   | 2,003,350             |
| Iron and its products .....         | 186,336                    | 45,393                      | 3,261                               | 234,990          | 974,212                                     | 1,209,202             | 123,697   | 1,097,900             |
| Non-ferrous metal products .....    | 28,156                     | 11,113                      | 55,550                              | 94,819           | 607,151                                     | 701,970               | 17,911  | 625,062               |
| Non-metallic mineral products ..... | 57,698                     | 14,092                      | 848                                 | 72,638           | 241,583                                     | 314,221               | 9,157   | 250,740               |
| Chemicals and allied products ..... | 89,793                     | 17,586                      | 10,803                              | 118,182          | 407,580                                     | 525,762               | 40,296  | 447,876               |
| Miscellaneous industries .....      | 3,123                      | 474                         | Nil                                 | 3,597            | 33,499                                      | 37,096                | 2,918   | 36,417                |

<sup>1</sup> Includes "steam engines" 673,351 h.p. and "steam turbines" 314,926 h.p.

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.

**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 37. 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 fuel consumed increased 150 p.c. from 1924 to 1943. Electricity, on the other hand, has increased during the same period by 391 p.c., although there has been a decline in the average unit cost of electricity as there has been in the case of fuels. The groups of industries in which fuel was most extensively used in 1943 were: iron and its products, wood and paper products, non-metallic mineral products and non-ferrous metals.

Quebec is the largest user of electric power, using over half of the Dominion total in 1943.

37.—Fuel and Electricity Used in the Manufacturing Industries of Canada, 1931-42, with Details by Provinces and Industrial Groups, 1943

| Year and Province or Group      | Bituminous Coal  |                   | Anthracite Coal |                  | Lignite Coal     | Coke             | Fuel Oils         | Wood             | Gas               | Other Fuel <sup>1</sup> | Electricity       | Total              |
|---------------------------------|------------------|-------------------|-----------------|------------------|------------------|------------------|-------------------|------------------|-------------------|-------------------------|-------------------|--------------------|
|                                 | short tons       | \$                | short tons      | \$               | \$               | \$               | \$                | \$               | \$                | \$                      | \$                | \$                 |
| Totals, 1931                    | 5,046,264        | 27,338,993        | 130,520         | 999,358          | 448,416          | 1,784,288        | 5,545,743         | 1,720,700        | 4,930,091         | 1,152,203               | 37,276,526        | 81,197,218         |
| Totals, 1932                    | 3,883,637        | 20,438,561        | 186,947         | 1,002,634        | 497,154          | 1,592,015        | 4,684,042         | 1,483,066        | 4,692,706         | 974,894                 | 34,761,666        | 70,129,722         |
| Totals, 1933                    | 3,525,828        | 18,412,019        | 115,017         | 1,033,151        | 322,626          | 1,374,126        | 4,604,527         | 1,635,689        | 4,827,310         | 981,591                 | 33,092,334        | 66,615,676         |
| Totals, 1934                    | 3,836,828        | 21,372,079        | 166,242         | 1,186,743        | 601,326          | 1,670,877        | 5,182,216         | 1,450,556        | 5,731,223         | 1,549,096               | 38,150,061        | 76,877,366         |
| Totals, 1935                    | 4,824,956        | 22,108,876        | 173,188         | 1,194,903        | 684,396          | 1,921,138        | 5,981,169         | 1,419,130        | 5,707,589         | 1,773,040               | 40,488,645        | 81,279,888         |
| Totals, 1936                    | 4,565,749        | 21,570,933        | 173,869         | 1,274,978        | 719,099          | 1,883,025        | 6,381,311         | 1,421,076        | 6,583,603         | 1,967,450               | 43,781,481        | 88,597,146         |
| Totals, 1937                    | 5,736,190        | 31,903,729        | 173,993         | 1,253,376        | 719,600          | 5,169,324        | 8,530,369         | 1,636,098        | 7,404,019         | 2,867,421               | 50,032,810        | 109,607,846        |
| Totals, 1938                    | 5,939,684        | 37,819,673        | 182,191         | 1,107,168        | 692,428          | 4,497,824        | 8,100,428         | 1,614,911        | 7,381,904         | 2,803,072               | 47,000,170        | 101,916,560        |
| Totals, 1939                    | 5,133,991        | 29,130,940        | 167,465         | 1,151,278        | 740,683          | 4,870,824        | 8,560,418         | 1,562,119        | 7,891,892         | 3,155,016               | 50,509,124        | 107,372,232        |
| Totals, 1940                    | 6,511,195        | 39,089,348        | 121,271         | 1,342,910        | 964,229          | 5,287,070        | 12,360,737        | 1,554,701        | 10,122,976        | 6,205,348               | 58,429,262        | 136,122,666        |
| Totals, 1941                    | 7,810,278        | 51,776,303        | 180,189         | 1,540,230        | 1,177,180        | 6,388,164        | 17,734,432        | 1,896,181        | 12,554,559        | 8,819,759               | 71,754,501        | 174,641,317        |
| Totals, 1942                    | 8,770,401        | 63,253,472        | 246,494         | 2,126,707        | 1,166,125        | 7,002,130        | 21,345,936        | 2,219,637        | 13,180,067        | 11,224,569              | 85,205,546        | 206,718,489        |
| PROVINCE                        |                  |                   |                 |                  |                  |                  |                   |                  |                   |                         |                   |                    |
| Prince Edward Island            | 7,057            | 64,304            | 28              | 383              | -                | 4,027            | 3,094             | 11,595           | -                 | 10,577                  | 29,239            | 123,519            |
| Nova Scotia                     | 492,449          | 2,704,873         | 704             | 13,389           | -                | 183,346          | 625,318           | 40,662           | 1,441,698         | 323,664                 | 1,659,635         | 7,001,585          |
| New Brunswick                   | 491,912          | 3,123,428         | 1,655           | 18,398           | 291              | 30,472           | 141,689           | 137,031          | 3,311,110         | 353,075                 | 1,431,110         | 5,266,690          |
| Quebec                          | 3,243,893        | 26,845,940        | 131,235         | 1,088,399        | 1,583            | 582,173          | 7,014,088         | 1,126,064        | 2,579,555         | 6,625,480               | 40,002,559        | 88,490,441         |
| Ontario                         | 4,550,630        | 34,446,974        | 113,941         | 1,056,687        | 12,937           | 5,621,716        | 11,110,140        | 572,814          | 9,019,937         | 4,545,164               | 31,293,598        | 97,577,906         |
| Manitoba                        | 184,890          | 1,482,001         | 11,075          | 132,305          | 506,774          | 50,992           | 324,822           | 185,180          | 199,766           | 282,741                 | 2,001,904         | 5,250,485          |
| Saskatchewan                    | 87,765           | 665,206           | 1,747           | 15,403           | 244,636          | 2,053            | 408,189           | 84,482           | 297,022           | 295,439                 | 1,021,392         | 3,344,716          |
| Alberta                         | 69,783           | 281,512           | 142             | 1,103            | 193,991          | 22,020           | 80,752            | 37,850           | 1,092,088         | 266,098                 | 1,319,064         | 3,305,278          |
| British Columbia                | 353,599          | 2,320,559         | 4,917           | 46,223           | 35,522           | 863,168          | 2,084,839         | 261,765          | 535,048           | 2,564,021               | 6,580,785         | 15,901,830         |
| Yukon and Northwest Territories | 382              | 7,469             | -               | -                | -                | -                | 698               | 2,230            | -                 | 7,724                   | 1,744             | 10,865             |
| <b>Totals, 1943</b>             | <b>9,482,366</b> | <b>71,942,266</b> | <b>265,537</b>  | <b>2,372,290</b> | <b>1,085,734</b> | <b>7,260,866</b> | <b>22,402,625</b> | <b>2,469,573</b> | <b>15,198,110</b> | <b>11,272,877</b>       | <b>81,950,030</b> | <b>225,954,375</b> |
| INDUSTRIAL GROUP                |                  |                   |                 |                  |                  |                  |                   |                  |                   |                         |                   |                    |
| Vegetable products              | 833,042          | 6,571,065         | 61,219          | 658,586          | 365,612          | 527,980          | 453,139           | 759,203          | 1,058,588         | 1,983,767               | 4,801,227         | 17,179,167         |
| Animal products                 | 453,090          | 3,762,556         | 7,315           | 85,773           | 453,257          | 50,344           | 330,418           | 775,837          | 271,689           | 1,181,287               | 2,084,711         | 9,604,872          |
| Textiles and textile products   | 625,250          | 5,280,435         | 33,514          | 267,681          | 10,604           | 12,449           | 84,758            | 56,819           | 77,735            | 196,558                 | 4,293,460         | 10,280,535         |
| Wood and paper products         | 2,622,702        | 29,246,607        | 20,530          | 234,581          | 18,709           | 24,113           | 1,833,984         | 350,194          | 182,784           | 4,169,316               | 16,211,019        | 45,327,307         |
| Iron and its products           | 1,558,897        | 11,122,781        | 98,072          | 745,115          | 104,160          | 725,651          | 9,210,424         | 93,745           | 5,452,483         | 1,775,003               | 18,120,726        | 47,350,427         |
| Non-ferrous metal products      | 1,437,021        | 11,605,975        | 5,562           | 61,364           | 3,103            | 4,573,459        | 4,480,656         | 32,334           | 735,060           | 358,176                 | 28,250,440        | 50,180,572         |
| Non-metallic mineral products   | 821,019          | 5,918,644         | 23,848          | 221,751          | 111,589          | 1,256,885        | 5,366,189         | 340,830          | 6,900,237         | 810,694                 | 6,187,458         | 27,114,347         |
| Chemicals and allied products   | 1,080,096        | 7,019,445         | 7,445           | 72,572           | 16,214           | 75,571           | 636,119           | 44,889           | 373,895           | 745,005                 | 8,668,861         | 17,652,671         |
| Miscellaneous industries        | 50,043           | 414,758           | 2,032           | 24,867           | 2,177            | 5,114            | 6,942             | 9,022            | 145,639           | 53,072                  | 682,086           | 1,344,277          |

<sup>1</sup> Includes gasoline and kerosene.

<sup>2</sup> Includes fuel and electricity used in smelters for metallurgical purposes.



**PART II.—PROVINCIAL AND LOCAL DISTRIBUTION 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 the Dominion is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1943 amounted to \$7,073,300,000 or over 81 p.c. of the gross value of manufactured products of the Dominion. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the two provinces, and their nearness to the larger markets of Canada and the United States have all contributed to the above result.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of textiles and chemicals, but in each of the other groups Ontario has the greater production. The standing of these two provinces is most nearly approached by British Columbia in the case of the wood and paper products group, where the latter province accounts for 15.8 p.c. of the gross production compared with 37.1 p.c. for Ontario and 33.7 p.c. for Quebec; in each of the other groups the positions of Ontario and Quebec lead by a wide margin. Previous to 1941, Table 1 has shown the value of production in each province, by industry. With the establishment of many vital war plants throughout Canada, it is not possible to publish this detail, and the provincial distribution by groups instead of by industries is given. In this way the publication of figures relating to individual establishments has, in many cases, been avoided.

**1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1943**

| Province and Group                               | Estab-<br>lish-<br>ments | Capital              | Em-<br>ployees   | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value of<br>Products |
|--|--------------------------|----------------------|------------------|--------------------------|-------------------------|-------------------------------|
|  | No.                      | \$                   | No.              | \$                       | \$                      | \$                            |
| <b>Canada—</b>                                   |                          |                      |                  |                          |                         |                               |
| Vegetable products.....                          | 5,913                    | 684,292,303          | 117,243          | 157,733,379              | 635,042,582             | 1,062,561,932                 |
| Animal products.....                             | 4,380                    | 324,811,803          | 88,037           | 114,467,581              | 750,435,541             | 971,190,128                   |
| Textiles and textile products.....               | 2,384                    | 455,056,029          | 157,987          | 191,305,628              | 446,136,675             | 790,659,927                   |
| Wood and paper products..                        | 9,974                    | 1,103,984,216        | 183,805          | 264,844,792              | 447,369,954             | 1,001,563,243                 |
| Iron and its products.....                       | 2,044                    | 1,852,506,052        | 436,744          | 833,383,684              | 1,131,858,008           | 2,575,976,547                 |
| Non-ferrous metal products.....                  | 597                      | 674,802,402          | 109,522          | 186,874,396              | 615,283,695             | 1,034,390,379                 |
| Non-metallic mineral products.....               | 747                      | 351,164,254          | 30,994           | 53,282,340               | 215,139,225             | 388,713,942                   |
| Chemicals and allied products.....               | 945                      | 759,864,951          | 92,288           | 146,677,194              | 368,111,343             | 765,217,887                   |
| Miscellaneous industries...                      | 668                      | 110,684,657          | 25,388           | 38,723,390               | 81,085,860              | 142,587,014                   |
| <b>Totals.....</b>                               | <b>27,652</b>            | <b>6,317,166,727</b> | <b>1,211,068</b> | <b>1,987,292,284</b>     | <b>4,690,193,083</b>    | <b>8,732,860,999</b>          |
| <b>Prince Edward Island—</b>                     |                          |                      |                  |                          |                         |                               |
| Vegetable products.....                          | 40                       | 717,574              | 229              | 175,791                  | 627,270                 | 1,025,019                     |
| Animal products.....                             | 103                      | 924,092              | 682              | 477,917                  | 4,604,472               | 5,938,482                     |
| Textiles and textile products.....               | —                        | —                    | —                | —                        | —                       | —                             |
| Wood and paper products..                        | 77                       | 744,622              | 333              | 227,252                  | 245,707                 | 660,720                       |
| Iron and its products.....                       | 6                        | 794,139              | 239              | 336,562                  | 314,348                 | 901,436                       |
| Non-metallic mineral products <sup>1</sup> ..... | —                        | —                    | —                | —                        | —                       | —                             |
| Chemicals and allied products <sup>2</sup> ..... | 4                        | 701,405              | 69               | 80,590                   | 640,282                 | 1,051,789                     |
| <b>Totals.....</b>                               | <b>230</b>               | <b>3,881,832</b>     | <b>1,552</b>     | <b>1,298,112</b>         | <b>6,432,079</b>        | <b>9,577,446</b>              |

<sup>1</sup> Less than three establishments

<sup>2</sup> Includes textiles and non-metallic mineral products.

## 1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1943—continued

| Province and Group                            | Estab-lish-ments | Capital              | Em-ployees     | Salaries and Wages | Cost of Materials    | Gross Value of Products |
|---|------------------|----------------------|----------------|--------------------|----------------------|-------------------------|
|   | No.              | \$                   | No.            | \$                 | \$                   | \$                      |
| <b>Nova Scotia—</b>                           |                  |                      |                |                    |                      |                         |
| Vegetable products.....                       | 174              | 13,216,237           | 3,260          | 3,558,900          | 8,902,776            | 17,444,152              |
| Animal products.....                          | 216              | 8,725,273            | 3,401          | 3,435,714          | 17,039,798           | 25,279,407              |
| Textiles and textile products.....            | 24               | 8,313,630            | 2,513          | 2,624,083          | 6,823,938            | 11,437,088              |
| Wood and paper products.....                  | 760              | 26,405,857           | 6,083          | 6,149,005          | 11,891,411           | 25,185,060              |
| Iron and its products.....                    | 71               | 100,313,536          | 20,392         | 36,309,282         | 20,050,240           | 79,993,879              |
| Non-metallic mineral products.....            | 24               | 18,784,291           | 1,383          | 2,515,363          | 19,232,488           | 24,924,747              |
| Chemicals and allied products.....            | 14               | 3,466,794            | 361            | 547,962            | 2,315,213            | 3,986,473               |
| Miscellaneous industries...                   | 5                | 138,085              | 52             | 60,403             | 95,947               | 212,282                 |
| <b>Totals.....</b>                            | <b>1,278</b>     | <b>179,363,703</b>   | <b>37,445</b>  | <b>55,295,712</b>  | <b>96,551,817</b>    | <b>188,463,088</b>      |
| <b>New Brunswick—</b>                         |                  |                      |                |                    |                      |                         |
| Vegetable products.....                       | 154              | 14,645,023           | 2,937          | 3,405,529          | 21,491,288           | 31,722,418              |
| Animal products.....                          | 108              | 7,657,368            | 2,484          | 2,235,376          | 13,057,436           | 17,970,536              |
| Textiles and textile products.....            | 21               | 11,370,029           | 1,805          | 1,921,060          | 4,290,319            | 7,577,636               |
| Wood and paper products.....                  | 448              | 52,482,008           | 9,568          | 12,172,653         | 28,019,388           | 56,842,659              |
| Iron and its products.....                    | 37               | 18,336,234           | 4,824          | 8,725,990          | 5,599,072            | 18,930,490              |
| Non-ferrous metal products <sup>1</sup> ..... | -                | -                    | -              | -                  | -                    | -                       |
| Non-metallic mineral products.....            | 20               | 2,333,914            | 280            | 325,705            | 484,261              | 1,512,133               |
| Chemicals and allied products.....            | 8                | 2,477,865            | 300            | 424,902            | 2,623,304            | 3,674,722               |
| Miscellaneous industries <sup>2</sup> ...     | 6                | 1,984,568            | 937            | 1,239,966          | 1,146,445            | 2,704,265               |
| <b>Totals.....</b>                            | <b>862</b>       | <b>111,287,910</b>   | <b>23,235</b>  | <b>30,451,181</b>  | <b>70,711,513</b>    | <b>110,934,879</b>      |
| <b>Quebec—</b>                                |                  |                      |                |                    |                      |                         |
| Vegetable products.....                       | 1,787            | 203,797,020          | 36,886         | 46,296,420         | 164,877,757          | 286,491,549             |
| Animal products.....                          | 1,753            | 79,888,292           | 29,580         | 33,736,192         | 161,551,292          | 220,610,793             |
| Textiles and textile products.....            | 1,252            | 216,526,820          | 86,532         | 101,590,134        | 240,980,746          | 428,740,491             |
| Wood and paper products.....                  | 3,320            | 458,802,294          | 58,039         | 79,998,502         | 150,712,594          | 337,206,122             |
| Iron and its products.....                    | 424              | 490,619,715          | 120,658        | 228,977,493        | 305,671,337          | 674,027,880             |
| Non-ferrous metal products.....               | 141              | 307,909,067          | 38,956         | 66,144,682         | 259,520,145          | 410,157,670             |
| Non-metallic mineral products.....            | 178              | 91,929,104           | 7,882          | 12,800,416         | 58,343,283           | 101,383,384             |
| Chemicals and allied products.....            | 310              | 365,861,886          | 53,482         | 82,261,382         | 131,742,322          | 371,789,166             |
| Miscellaneous industries...                   | 207              | 15,286,098           | 5,232          | 6,512,399          | 10,228,321           | 21,784,798              |
| <b>Totals.....</b>                            | <b>9,372</b>     | <b>2,238,626,386</b> | <b>437,247</b> | <b>638,323,620</b> | <b>1,483,627,797</b> | <b>2,852,191,853</b>    |
| <b>Ontario—</b>                               |                  |                      |                |                    |                      |                         |
| Vegetable products.....                       | 2,533            | 340,098,461          | 56,520         | 81,037,948         | 318,290,355          | 534,430,942             |
| Animal products.....                          | 1,526            | 130,967,989          | 30,960         | 44,451,863         | 204,930,717          | 348,346,452             |
| Textiles and textile products.....            | 911              | 202,281,026          | 60,127         | 77,663,606         | 108,532,577          | 304,732,783             |
| Wood and paper products.....                  | 2,932            | 378,246,732          | 69,232         | 104,022,411        | 163,504,970          | 372,248,223             |
| Iron and its products.....                    | 1,119            | 1,040,217,975        | 222,680        | 429,810,324        | 689,611,416          | 1,480,540,107           |
| Non-ferrous metal products.....               | 384              | 315,314,528          | 64,570         | 109,551,139        | 304,630,818          | 549,243,536             |
| Non-metallic mineral products.....            | 356              | 165,872,106          | 16,517         | 20,428,576         | 91,867,716           | 185,292,260             |
| Chemicals and allied products.....            | 484              | 330,565,536          | 32,137         | 52,590,733         | 211,897,880          | 338,236,584             |
| Miscellaneous industries...                   | 342              | 85,389,635           | 17,274         | 27,842,612         | 65,615,062           | 108,030,086             |
| <b>Totals.....</b>                            | <b>10,587</b>    | <b>2,994,953,988</b> | <b>570,017</b> | <b>956,399,212</b> | <b>2,278,871,511</b> | <b>4,221,101,063</b>    |

<sup>1</sup> Less than 3 establishments.<sup>2</sup> Includes non-ferrous metal products.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1943—concluded

| Province and Group                          | Estab-lish-ments | Capital            | Em-ployees     | Salaries and Wages | Cost of Materials  | Gross Value of Products |
|---|------------------|--------------------|----------------|--------------------|--------------------|-------------------------|
|   | No.              | \$                 | No.            | \$                 | \$                 | \$                      |
| <b>Manitoba—</b>                            |                  |                    |                |                    |                    |                         |
| Vegetable products.....                     | 268              | 30,055,927         | 4,823          | 6,204,318          | 34,345,376         | 53,894,700              |
| Animal products.....                        | 200              | 24,301,972         | 6,493          | 9,300,721          | 103,228,805        | 123,058,339             |
| Textiles and textile products.....          | 85               | 9,326,724          | 4,465          | 4,679,057          | 16,820,531         | 24,611,740              |
| Wood and paper products.....                | 467              | 27,897,856         | 5,546          | 7,395,193          | 9,687,304          | 25,080,025              |
| Iron and its products.....                  | 85               | 38,722,558         | 10,478         | 18,131,628         | 15,837,538         | 41,933,150              |
| Non-ferrous metal products.....             | 22               | 2,876,176          | 501            | 820,220            | 6,895,645          | 8,103,429               |
| Non-metallic mineral products.....          | 44               | 17,167,353         | 947            | 1,388,927          | 4,573,733          | 9,179,666               |
| Chemicals and allied products.....          | 39               | 22,435,859         | 3,035          | 4,933,881          | 6,998,096          | 14,803,116              |
| Miscellaneous industries.....               | 35               | 2,968,082          | 715            | 987,889            | 2,077,728          | 4,134,132               |
| <b>Totals.....</b>                          | <b>1,245</b>     | <b>173,752,507</b> | <b>37,003</b>  | <b>53,811,825</b>  | <b>200,161,756</b> | <b>304,867,912</b>      |
| <b>Saskatchewan—</b>                        |                  |                    |                |                    |                    |                         |
| Vegetable products.....                     | 195              | 14,079,881         | 2,089          | 2,774,364          | 23,308,875         | 34,191,818              |
| Animal products.....                        | 96               | 11,481,149         | 3,252          | 4,508,221          | 48,798,585         | 57,923,590              |
| Textiles and textile products.....          | 6                | 388,461            | 48             | 40,343             | 1,026,505          | 1,153,649               |
| Wood and paper products.....                | 604              | 6,239,767          | 2,827          | 2,873,618          | 3,432,926          | 8,096,301               |
| Iron and its products.....                  | 30               | 8,606,535          | 2,124          | 3,681,719          | 5,425,127          | 10,065,800              |
| Non-ferrous metal products.....             | -                | -                  | -              | -                  | -                  | -                       |
| Non-metallic mineral products.....          | 29               | 9,069,792          | 739            | 1,422,606          | 12,180,852         | 19,041,962              |
| Chemicals and allied products.....          | 6                | 369,026            | 91             | 121,962            | 222,890            | 516,040                 |
| Miscellaneous industries <sup>2</sup> ..... | 7                | 10,439,482         | 513            | 1,011,941          | 16,517,425         | 20,235,110              |
| <b>Totals.....</b>                          | <b>976</b>       | <b>60,674,093</b>  | <b>11,653</b>  | <b>16,115,866</b>  | <b>111,193,185</b> | <b>152,123,360</b>      |
| <b>Alberta—</b>                             |                  |                    |                |                    |                    |                         |
| Vegetable products.....                     | 289              | 26,324,332         | 3,457          | 4,793,215          | 27,887,925         | 44,697,465              |
| Animal products.....                        | 151              | 21,566,909         | 5,240          | 7,359,748          | 85,080,380         | 101,377,205             |
| Textiles and textile products.....          | 25               | 2,243,499          | 818            | 915,317            | 2,319,783          | 3,880,610               |
| Wood and paper products.....                | 526              | 11,349,999         | 4,305          | 4,890,265          | 7,026,407          | 10,404,706              |
| Iron and its products.....                  | 61               | 17,923,802         | 4,175          | 7,433,330          | 4,624,647          | 14,055,614              |
| Non-ferrous metal products.....             | 6                | 408,212            | 94             | 159,727            | 406,350            | 703,610                 |
| Non-metallic mineral products.....          | 43               | 20,006,368         | 1,778          | 2,695,366          | 13,637,703         | 24,026,450              |
| Chemicals and allied products.....          | 19               | 11,352,381         | 597            | 946,073            | 584,436            | 3,301,024               |
| Miscellaneous industries.....               | 13               | 596,917            | 239            | 301,328            | 489,420            | 1,212,458               |
| <b>Totals.....</b>                          | <b>1,131</b>     | <b>111,682,419</b> | <b>20,613</b>  | <b>29,494,369</b>  | <b>142,077,051</b> | <b>211,159,142</b>      |
| <b>British Columbia—</b>                    |                  |                    |                |                    |                    |                         |
| Vegetable products.....                     | 473              | 41,357,848         | 7,042          | 9,486,894          | 35,310,966         | 58,663,860              |
| Animal products.....                        | 167              | 38,298,819         | 5,945          | 8,961,829          | 51,544,056         | 70,085,324              |
| Textiles and textile products.....          | 58               | 4,397,061          | 1,655          | 1,827,614          | 4,972,738          | 8,042,794               |
| Wood and paper products.....                | 845              | 141,734,581        | 27,913         | 47,097,551         | 22,772,481         | 158,877,310             |
| Iron and its products.....                  | 210              | 138,685,852        | 50,144         | 99,905,238         | 75,105,551         | 254,927,951             |
| Non-ferrous metal products.....             | 41               | 36,941,922         | 4,360          | 8,421,833          | 26,784,666         | 44,769,371              |
| Non-metallic mineral products.....          | 51               | 25,766,824         | 1,448          | 2,653,718          | 14,728,258         | 22,478,441              |
| Chemicals and allied products.....          | 61               | 22,863,190         | 2,349          | 4,814,480          | 11,465,268         | 28,317,893              |
| Miscellaneous industries.....               | 53               | 5,313,751          | 1,465          | 2,542,596          | 1,709,727          | 5,683,369               |
| <b>Totals.....</b>                          | <b>1,961</b>     | <b>450,360,618</b> | <b>102,221</b> | <b>185,711,713</b> | <b>294,445,065</b> | <b>652,046,313</b>      |
| <b>Yukon and N.W.T.—</b>                    |                  |                    |                |                    |                    |                         |
| Wood and paper products.....                | 5                | 89,500             | 19             | 18,342             | 16,766             | 52,427                  |
| Iron and its products.....                  | 1                | -                  | -              | -                  | -                  | -                       |
| Non-metallic mineral products.....          | 1                | 509,341            | 43             | 102,372            | 121,603            | 343,516                 |
| Miscellaneous industries.....               | 1                | -                  | -              | -                  | -                  | -                       |
| <b>Totals.....</b>                          | <b>8</b>         | <b>589,841</b>     | <b>62</b>      | <b>120,714</b>     | <b>138,369</b>     | <b>395,943</b>          |

<sup>1</sup> Less than three establishments.

<sup>2</sup> Includes non-ferrous metal products.

The degree of concentration of manufacturing production in large units is illustrated in Table 2. In the Province of Quebec 55.3 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 51.0 p.c. for Canada as a whole. Ordinarily, Ontario ranks second in the concentration of manufacturing production. In 1942, however, British Columbia with 47.2 p.c. came second, this being due to the large shipbuilding plants located there. In 1943 Ontario resumed her normal position in second place with 53.6 p.c., while British Columbia came third with 44.7 p.c., followed by Nova Scotia with 43.2 p.c., Manitoba 35.7 p.c., New Brunswick 35.4 p.c. and Alberta 27.9 p.c.

### 2.—Concentration of Manufacturing Production in Each Province, 1943

| 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 |
|---------------------------|--|--|--|
| Prince Edward Island..... | Nil  | —  | —  |
| Nova Scotia.....          | 11   | 0.9  | 43.2   |
| New Brunswick.....        | 7  | 0.8  | 35.4   |
| Quebec.....               | 129  | 1.4  | 55.3   |
| Ontario.....              | 193  | 1.8  | 53.6   |
| Manitoba.....             | 9  | 0.7  | 35.7   |
| Saskatchewan.....         | 2  | 1  | 3  |
| Alberta.....              | 5  | 0.4  | 27.9   |
| British Columbia.....     | 22   | 1.1  | 44.7   |
| <b>Canada.....</b>        | <b>378</b>   | <b>1.4</b>   | <b>51.0</b>  |

<sup>1</sup> Cannot be shown.

### 3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1943

| Province and Group           | Estab-lish-ments | Capital              | Em-ployees       | Salaries and Wages   | Cost of Materials    | Gross Value of Products |
|------------------------------|------------------|----------------------|------------------|----------------------|----------------------|-------------------------|
|                              | No.              | \$                   | No.              | \$                   | \$                   | \$                      |
| <b>Canada—</b>               |                  |                      |                  |                      |                      |                         |
| Under 5 employees..          | 13,154           | 93,935,342           | 29,288           | 22,765,204           | 125,519,758          | 183,088,226             |
| 5 to 14 " " " "              | 6,606            | 166,636,159          | 54,478           | 62,967,325           | 190,509,750          | 322,764,415             |
| 15 " 49 " " "                | 4,444            | 416,412,206          | 120,417          | 161,483,416          | 411,210,475          | 742,489,078             |
| 50 " 99 " " "                | 1,536            | 449,098,022          | 107,151          | 150,625,080          | 381,139,154          | 686,861,965             |
| 100 " 199 " " "              | 875              | 570,672,243          | 121,139          | 175,749,743          | 446,664,659          | 831,944,002             |
| 200 " 499 " " "              | 659              | 1,087,450,246        | 200,912          | 308,308,149          | 835,819,816          | 1,514,902,005           |
| 500 or over.....             | 378              | 3,532,962,509        | 607,681          | 1,105,393,467        | 2,299,638,471        | 4,450,810,408           |
| <b>Totals.....</b>           | <b>27,652</b>    | <b>6,317,166,721</b> | <b>1,211,068</b> | <b>1,987,292,384</b> | <b>4,680,493,083</b> | <b>8,732,860,999</b>    |
| <b>Prince Edward Island—</b> |                  |                      |                  |                      |                      |                         |
| Under 5 employees..          | 151              | 577,320              | 329              | 157,521              | 1,654,065            | 2,175,732               |
| 5 to 14 " " " "              | 49               | 590,898              | 413              | 301,016              | 1,577,418            | 2,369,761               |
| 15 " 49 " " "                | 29               | 2,713,614            | 810              | 839,575              | 3,200,596            | 5,031,953               |
| 100 " 199 " " "              | 1                |                      |                  |                      |                      |                         |
| <b>Totals.....</b>           | <b>230</b>       | <b>3,881,632</b>     | <b>1,552</b>     | <b>1,298,112</b>     | <b>6,432,079</b>     | <b>9,577,446</b>        |

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1933—continued

| Province and Group    | Estab-lish-ments | Capital              | Em-ployees     | Salaries and Wages | Cost of Materials    | Gross Value of Products |
|-----------------------|------------------|----------------------|----------------|--------------------|----------------------|-------------------------|
|                       | No.              | \$                   | No.            | \$                 | \$                   | \$                      |
| <b>Nova Scotia—</b>   |                  |                      |                |                    |                      |                         |
| Under 5 employees..   | 069              | 5,197,057            | 1,532          | 812,087            | 2,370,174            | 4,328,831               |
| 5 to 14 ..            | 346              | 6,774,420            | 2,776          | 2,521,708          | 8,573,208            | 14,073,246              |
| 15 " 49 ..            | 170              | 11,630,196           | 4,404          | 4,630,046          | 13,317,412           | 22,758,044              |
| 50 " 99 ..            | 45               | 12,722,450           | 3,174          | 4,235,519          | 9,122,410            | 15,194,927              |
| 100 " 199 ..          | 19               | 9,967,000            | 2,603          | 3,484,472          | 9,450,902            | 16,433,085              |
| 200 " 499 ..          | 18               | 45,139,472           | 6,028          | 5,514,940          | 20,820,370           | 34,211,666              |
| 500 or over ..        | 11               | 87,933,102           | 10,928         | 20,997,931         | 35,891,281           | 81,462,689              |
| <b>Totals .....</b>   | <b>1,378</b>     | <b>179,363,703</b>   | <b>37,445</b>  | <b>55,205,712</b>  | <b>96,551,817</b>    | <b>188,463,088</b>      |
| <b>New Brunswick—</b> |                  |                      |                |                    |                      |                         |
| Under 5 employees..   | 399              | 1,769,338            | 965            | 573,445            | 2,250,397            | 3,707,382               |
| 5 to 14 ..            | 268              | 4,097,227            | 2,204          | 1,822,131          | 6,535,917            | 10,959,317              |
| 15 " 49 ..            | 112              | 8,224,352            | 2,830          | 2,901,513          | 9,872,010            | 15,817,040              |
| 50 " 99 ..            | 41               | 11,332,532           | 2,952          | 3,463,903          | 9,631,024            | 15,990,037              |
| 100 " 199 ..          | 16               | 6,228,908            | 2,042          | 2,626,488          | 4,411,190            | 9,358,438               |
| 200 " 499 ..          | 19               | 28,638,281           | 6,049          | 7,920,624          | 19,267,630           | 35,290,355              |
| 500 or over ..        | 7                | 51,087,272           | 6,185          | 11,113,079         | 24,781,345           | 49,893,104              |
| <b>Totals .....</b>   | <b>862</b>       | <b>111,287,910</b>   | <b>23,325</b>  | <b>30,451,181</b>  | <b>76,711,513</b>    | <b>110,931,879</b>      |
| <b>Quebec—</b>        |                  |                      |                |                    |                      |                         |
| Under 5 employees..   | 4,851            | 49,168,521           | 10,679         | 7,919,574          | 48,836,721           | 69,185,202              |
| 5 to 14 ..            | 1,959            | 43,890,817           | 16,089         | 17,399,788         | 50,580,595           | 86,672,487              |
| 15 " 49 ..            | 1,453            | 118,875,474          | 39,698         | 49,736,777         | 115,161,418          | 215,194,658             |
| 50 " 99 ..            | 519              | 119,732,144          | 36,376         | 46,292,747         | 113,066,913          | 202,268,073             |
| 100 " 199 ..          | 258              | 140,570,842          | 36,082         | 47,931,276         | 124,669,108          | 229,296,302             |
| 200 " 499 ..          | 203              | 343,697,644          | 63,474         | 88,882,652         | 262,584,192          | 472,490,748             |
| 500 or over ..        | 120              | 1,423,684,944        | 234,849        | 400,159,806        | 769,231,850          | 1,577,114,383           |
| <b>Totals .....</b>   | <b>9,372</b>     | <b>2,330,620,386</b> | <b>437,247</b> | <b>658,323,620</b> | <b>1,483,627,791</b> | <b>2,832,191,853</b>    |
| <b>Ontario—</b>       |                  |                      |                |                    |                      |                         |
| Under 5 employees..   | 4,438            | 29,468,777           | 9,970          | 8,724,107          | 56,908,195           | 79,133,448              |
| 5 to 14 ..            | 2,626            | 75,538,090           | 21,887         | 27,654,301         | 76,613,392           | 134,607,294             |
| 15 " 49 ..            | 1,884            | 192,022,049          | 51,419         | 73,187,332         | 184,064,266          | 335,915,486             |
| 50 " 99 ..            | 666              | 223,077,134          | 46,785         | 69,760,471         | 161,769,118          | 304,516,937             |
| 100 " 199 ..          | 437              | 301,205,312          | 60,474         | 91,113,319         | 212,708,991          | 498,063,890             |
| 200 " 499 ..          | 340              | 495,210,785          | 100,679        | 159,507,073        | 362,972,531          | 696,345,485             |
| 500 or over ..        | 193              | 1,678,431,841        | 278,803        | 526,452,609        | 1,225,835,018        | 2,262,528,523           |
| <b>Totals .....</b>   | <b>10,587</b>    | <b>2,994,953,988</b> | <b>570,017</b> | <b>956,399,212</b> | <b>2,278,871,511</b> | <b>4,321,101,063</b>    |
| <b>Manitoba—</b>      |                  |                      |                |                    |                      |                         |
| Under 5 employees..   | 593              | 3,884,026            | 1,344          | 993,840            | 3,226,111            | 5,457,229               |
| 5 to 14 ..            | 308              | 7,622,161            | 2,543          | 2,884,283          | 14,142,647           | 20,317,874              |
| 15 " 49 ..            | 198              | 18,489,626           | 5,315          | 6,706,527          | 20,844,371           | 34,693,135              |
| 50 " 99 ..            | 77               | 26,432,940           | 5,228          | 7,041,752          | 34,094,067           | 49,558,693              |
| 100 " 199 ..          | 41               | 33,211,628           | 5,925          | 7,876,186          | 22,808,074           | 39,799,501              |
| 200 " 499 ..          | 19               | 33,111,246           | 5,243          | 8,548,292          | 23,283,026           | 46,238,503              |
| 500 or over ..        | 9                | 51,000,880           | 11,405         | 19,791,065         | 81,165,861           | 108,802,577             |
| <b>Totals .....</b>   | <b>1,245</b>     | <b>173,752,507</b>   | <b>37,063</b>  | <b>53,841,825</b>  | <b>200,464,736</b>   | <b>301,867,912</b>      |
| <b>Saskatchewan—</b>  |                  |                      |                |                    |                      |                         |
| Under 5 employees..   | 654              | 2,563,427            | 1,200          | 778,088            | 2,053,262            | 4,061,900               |
| 5 to 14 ..            | 216              | 6,249,257            | 1,719          | 1,828,648          | 10,774,642           | 15,414,324              |
| 15 " 49 ..            | 66               | 7,336,694            | 1,725          | 2,318,170          | 8,732,176            | 14,499,003              |
| 50 " 99 ..            | 22               | 6,585,397            | 1,422          | 1,802,931          | 10,543,372           | 16,305,648              |
| 100 " 199 ..          | 9                | 4,801,368            | 1,106          | 1,765,114          | 8,233,878            | 13,494,724              |
| 200 " 499 ..          | 7                | 32,837,950           | 4,513          | 7,852,915          | 70,855,856           | 88,377,761              |
| 500 or over ..        | 2                |                      |                |                    |                      |                         |
| <b>Totals .....</b>   | <b>976</b>       | <b>60,671,093</b>    | <b>11,683</b>  | <b>16,445,866</b>  | <b>111,193,185</b>   | <b>152,123,360</b>      |
| <b>Alberta—</b>       |                  |                      |                |                    |                      |                         |
| Under 5 employees..   | 637              | 3,625,066            | 1,457          | 1,117,515          | 5,132,881            | 7,964,084               |
| 5 to 14 ..            | 295              | 7,077,797            | 2,220          | 2,599,410          | 9,683,252            | 15,080,362              |
| 15 " 49 ..            | 122              | 15,302,328           | 3,274          | 4,473,375          | 14,311,008           | 24,565,609              |
| 50 " 99 ..            | 38               | 13,153,091           | 2,512          | 3,455,510          | 13,012,308           | 21,605,083              |
| 100 " 199 ..          | 25               | 24,549,766           | 3,165          | 4,880,844          | 18,957,622           | 33,595,137              |
| 200 " 499 ..          | 11               | 28,673,569           | 3,093          | 5,782,697          | 33,792,641           | 49,340,279              |
| 500 or over ..        | 6                | 19,241,002           | 4,182          | 7,184,018          | 47,167,279           | 58,999,588              |
| <b>Totals .....</b>   | <b>1,133</b>     | <b>111,682,419</b>   | <b>20,613</b>  | <b>29,494,369</b>  | <b>142,057,051</b>   | <b>211,159,142</b>      |

**3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1943—concluded**

| Province and Group                       | Estab-lish-ments | Capital            | Em-ployees     | Salaries and Wages | Cost of Materials  | Gross Value of Products |
|--|------------------|--------------------|----------------|--------------------|--------------------|-------------------------|
|  | No.              | \$                 | No.            | \$                 | \$                 | \$                      |
| <b>British Columbia—</b>                 |                  |                    |                |                    |                    |                         |
| Under 5 employees . . . . .              | 758              | 6,335,475          | 1,805          | 1,679,000          | 3,568,460          | 7,079,461               |
| 5 to 14 " . . . . .                      | 536              | 14,627,692         | 4,504          | 5,915,483          | 11,907,168         | 22,989,914              |
| 15 " 49 " . . . . .                      | 401              | 41,952,380         | 11,095         | 16,866,043         | 41,774,497         | 74,497,852              |
| 50 " 99 " . . . . .                      | 125              | 36,062,328         | 8,704          | 14,441,247         | 31,999,282         | 61,422,967              |
| 100 " 199 " . . . . .                    | 69               | 49,657,206         | 9,561          | 15,807,002         | 45,336,189         | 81,357,867              |
| 200 " 499 " . . . . .                    | 42               | 88,516,878         | 13,103         | 23,595,321         | 50,159,378         | 113,447,703             |
| 500 or over . . . . .                    | 22               | 213,208,089        | 53,449         | 107,407,075        | 100,703,031        | 201,250,489             |
| <b>Totals . . . . .</b>                  | <b>1,961</b>     | <b>450,360,048</b> | <b>102,221</b> | <b>485,711,773</b> | <b>291,445,005</b> | <b>652,046,313</b>      |
| <b>Yukon and North-west Territories—</b> |                  |                    |                |                    |                    |                         |
| Under 5 employees . . . . .              | 4                | 46,335             | 9              | 10,059             | 7,492              | 24,957                  |
| 5 to 14 " . . . . .                      | 2                | 543,506            | 53             | 110,655            | 130,877            | 370,986                 |
| 15 " 49 " . . . . .                      | 1                |                    |                |                    |                    |                         |
| <b>Totals . . . . .</b>                  | <b>8</b>         | <b>589,841</b>     | <b>62</b>      | <b>120,714</b>     | <b>138,369</b>     | <b>395,913</b>          |

**Section 1.—The Manufactures of the Maritime Provinces, 1943**

In Prince Edward Island the predominant agricultural and fishery resources make butter and cheese, fish-curing and -packing, and slaughtering and meat packing the leading manufactures of the Province. 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 primary iron and steel, shipbuilding and repairs, fish-curing and -packing, sawmills, pulp and paper, and butter and cheese. In addition to this, important petroleum refineries 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 saw-milling industries, although fish and agricultural products add to the varied output. Sugar refining and the production of railway rolling-stock also form important branches of manufacturing production.

**4.—Statistics of the Leading Industries of the Maritime Provinces, 1943**

| Industry  | Estab-lish-ments | Capital          | Em-ployees   | Salaries and Wages | Cost of Materials | Gross Value of Products <sup>1</sup> |
|---|------------------|------------------|--------------|--------------------|-------------------|--------------------------------------|
|   | No.              | \$               | No.          | \$                 | \$                | \$                                   |
| <b>PRINCE EDWARD ISLAND</b>                           |                  |                  |              |                    |                   |                                      |
| 1 Fish-curing and packing . . . . .                   | 71               | 211,781          | 493          | 296,608            | 2,014,210         | 2,547,149                            |
| 2 Butter and cheese . . . . .                         | 29               | 451,589          | 130          | 120,938            | 1,642,233         | 1,999,588                            |
| 3 Bread and other bakery products . . . . .           | 14               | 124,842          | 74           | 54,264             | 163,020           | 327,845                              |
| 4 Fruit and vegetable preparations . . . . .          | 6                | 284,201          | 71           | 37,245             | 217,679           | 289,027                              |
| 5 Sawmills . . . . .                                  | 60               | 151,983          | 133          | 41,119             | 111,909           | 232,790                              |
| 6 Printing and publishing . . . . .                   | 4                | 256,058          | 107          | 101,413            | 33,423            | 211,006                              |
| 7 Planing mills, sash and door factories . . . . .    | 3                | 158,957          | 39           | 43,874             | 62,742            | 120,583                              |
| 8 Starch and glucose . . . . .                        | 3                | 47,045           | 19           | 14,932             | 64,456            | 99,257                               |
| 9 All other leading industries <sup>2</sup> . . . . . | 6                | 1,549,030        | 301          | 399,445            | 1,859,513         | 2,881,686                            |
| <b>Totals, Leading Industries . . . . .</b>           | <b>196</b>       | <b>3,235,486</b> | <b>1,367</b> | <b>1,169,838</b>   | <b>6,169,216</b>  | <b>9,008,931</b>                     |
| <b>Totals, All Industries . . . . .</b>               | <b>230</b>       | <b>3,881,832</b> | <b>1,552</b> | <b>1,298,112</b>   | <b>6,432,079</b>  | <b>9,577,446</b>                     |

4.—Statistics of the Leading Industries of the Maritime Provinces, 1943—concluded

| Industry   | Estab-lish-ments | Capital            | Em-ployees    | Salaries and Wages | Cost of Materials | Gross Value of Products <sup>1</sup> |
|--|------------------|--------------------|---------------|--------------------|-------------------|--------------------------------------|
|  |                  |                    |               |                    |                   |                                      |
|  | No.              | \$                 | No.           | \$                 | \$                | \$                                   |
| 1 Shipbuilding and repairs.....                    | 26               | 35,013,070         | 8,235         | 16,153,195         | 11,252,599        | 33,957,019                           |
| 2 Primary iron and steel.....                      | 6                | 49,399,083         | 6,809         | 11,176,181         | 12,199,694        | 23,031,519                           |
| 3 Fish curing and packing.....                     | 167              | 6,149,921          | 2,655         | 2,525,331          | 12,385,430        | 17,889,481                           |
| 4 Sawmills.....                                    | 565              | 3,123,712          | 2,643         | 1,639,802          | 4,610,384         | 8,440,279                            |
| 5 Pulp and paper.....                              | 5                | 16,791,047         | 753           | 1,431,679          | 2,354,427         | 6,224,609                            |
| 6 Butter and cheese.....                           | 28               | 1,823,012          | 592           | 637,550            | 4,348,212         | 6,041,112                            |
| 7 Bread and other bakery products.....             | 95               | 1,294,364          | 787           | 875,968            | 2,285,959         | 4,267,742                            |
| 8 Biscuits, confectionery, cocoa, etc.....         | 8                | 2,461,121          | 835           | 939,109            | 2,032,636         | 3,996,076                            |
| 9 Planing mills, sash, doors, etc.....             | 36               | 2,081,129          | 726           | 918,954            | 2,553,967         | 3,952,020                            |
| 10 Fruit and vegetable preparations.....           | 23               | 1,041,093          | 983           | 847,985            | 2,157,030         | 3,443,453                            |
| 11 Railway rolling-stock.....                      | 3                | 6,167,516          | 613           | 985,577            | 1,813,732         | 3,311,221                            |
| 12 Hosiery and knitted goods.....                  | 3                | 2,038,042          | 814           | 770,709            | 1,478,670         | 2,832,463                            |
| 13 Clothing men's, factory.....                    | 6                | 714,627            | 599           | 381,240            | 1,808,088         | 2,056,490                            |
| 14 Printing and publishing.....                    | 32               | 1,532,477          | 898           | 1,001,609          | 434,678           | 2,592,143                            |
| 15 Aerated waters.....                             | 32               | 976,013            | 333           | 413,779            | 798,270           | 2,421,763                            |
| 16 All other leading industries <sup>2</sup> ..... | 8                | 26,079,658         | 4,765         | 8,229,486          | 23,747,668        | 39,928,802                           |
| <b>Totals, Leading Industries.....</b>             | <b>1,043</b>     | <b>137,459,895</b> | <b>32,920</b> | <b>49,068,033</b>  | <b>83,320,270</b> | <b>165,893,201</b>                   |
| <b>Totals—All Industries.....</b>                  | <b>1,278</b>     | <b>179,363,703</b> | <b>37,145</b> | <b>55,295,712</b>  | <b>96,551,817</b> | <b>188,463,088</b>                   |
|  | NEW BRUNSWICK    |                    |               |                    |                   |                                      |
|  | No.              | \$                 | No.           | \$                 | \$                | \$                                   |
| 1 Pulp and paper.....                              | 6                | 39,153,297         | 2,903         | 5,465,585          | 14,338,631        | 30,976,554                           |
| 2 Sawmills.....                                    | 328              | 6,176,161          | 3,072         | 3,694,071          | 8,750,695         | 15,770,038                           |
| 3 Shipbuilding and repairs.....                    | 4                | 8,423,746          | 2,043         | 3,897,771          | 1,276,660         | 8,114,244                            |
| 4 Fish curing and packing.....                     | 108              | 4,116,523          | 1,479         | 1,957,245          | 5,597,394         | 2,975,407                            |
| 5 Foods, miscellaneous.....                        | 10               | 3,252,729          | 349           | 455,803            | 4,225,701         | 5,715,918                            |
| 6 Butter and cheese.....                           | 37               | 1,582,545          | 368           | 460,083            | 3,336,523         | 4,523,921                            |
| 7 Slaughtering and meat packing.....               | 4                | 1,123,974          | 283           | 369,436            | 3,235,837         | 3,922,129                            |
| 8 Bread and other bakery products.....             | 81               | 1,299,863          | 694           | 757,055            | 1,768,542         | 3,409,564                            |
| 9 Planing mills, sash, doors, etc.....             | 24               | 1,707,630          | 698           | 839,039            | 1,722,496         | 3,123,898                            |
| 10 Fertilizers.....                                | 3                | 1,979,365          | 211           | 291,140            | 2,282,836         | 3,033,322                            |
| 11 Biscuits, confectionery, cocoa, etc.....        | 5                | 2,170,234          | 598           | 611,026            | 1,165,283         | 2,530,618                            |
| 12 Heating and cooking apparatus.....              | 3                | 1,834,493          | 602           | 905,846            | 761,290           | 2,267,600                            |
| 13 All other leading industries <sup>2</sup> ..... | 5                | 19,682,589         | 2,891         | 4,471,084          | 15,665,057        | 23,827,937                           |
| <b>Totals, Leading Industries.....</b>             | <b>618</b>       | <b>92,494,128</b>  | <b>17,139</b> | <b>23,123,981</b>  | <b>61,667,191</b> | <b>115,201,060</b>                   |
| <b>Totals, All Industries.....</b>                 | <b>862</b>       | <b>111,287,910</b> | <b>23,225</b> | <b>30,451,181</b>  | <b>76,711,513</b> | <b>110,934,879</b>                   |

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

<sup>2</sup> Individual statistics cannot be given because there are fewer than three establishments in each industry. Such industries are: in Prince Edward Island; slaughtering and meat packing, iron castings, sheet metal products, fertilizers, cotton and jute bags; in Nova Scotia; cotton yarn and cloth, aircraft, miscellaneous iron and steel products, wire, coke and gas and petroleum; in New Brunswick; sugar refineries, railway rolling-stock, cotton yarn and cloth, silk and artificial silk goods.

Section 2.—The Manufactures of Quebec, 1943

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

The most notable change among the manufactures of Quebec in recent years has been the development of the non-ferrous metal smelting industry. This industry first appeared among the forty leading industries of the Province in nineteenth place in 1927. It has been in second place since 1935, with the exception of 1942 when it was in first place.

Quebec, with about 33 p.c. of the Dominion output, is the second largest manufacturing province. The production of pulp and paper is normally the dominant industry, but in 1943 it was displaced by the miscellaneous chemical products industry for the premier position. In addition to supplying about 6 p.c. of the gross value of Quebec manufactures, the pulp and paper industry furnishes about 48 p.c. of the Dominion total for this industry. The value of tobacco products forms approximately 88 p.c., cotton yarn and cloth 75 p.c., women's factory clothing 68 p.c., leather hoods and shoes 65 p.c., men's factory clothing 57 p.c., railway rolling-stock 54 p.c., and non-ferrous metal smelting and refining 51 p.c. of the Dominion totals of these products. The Province of Quebec is thus an outstanding manufacturing province rather on account of her large individual industries than because of the diversification of her industrial activities.

### 5.—Statistics of the Leading Industries of the Province of Quebec, 1943

| Industry  | Estab-<br>lish-<br>ments | Capital              | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value of<br>Products <sup>1</sup> |
|---|--------------------------|----------------------|----------------|--------------------------|-------------------------|--|
|   | No.                      | \$                   | No.            | \$                       | \$                      | \$   |
| 1 Miscellaneous chemical products..   | 65                       | 292,696,999          | 43,294         | 65,868,926               | 87,957,250              | 277,993,561                                |
| 2 Non-ferrous metal smelting and<br>refining.....   | 7                        | 223,113,548          | 14,653         | 24,999,106               | 173,136,348             | 259,643,014                                |
| 3 Pulp and paper.....   | 46                       | 352,925,347          | 18,118         | 33,245,158               | 68,415,285              | 167,460,120                                |
| 4 Iron and steel products, misc.....  | 46                       | 101,789,900          | 10,707         | 22,338,847               | 105,962,208             | 161,748,317                                |
| 5 Shipbuilding and repairs.....   | 12                       | 112,644,704          | 24,716         | 49,935,171               | 54,390,948              | 139,208,952                                |
| 6 Aircraft.....   | 15                       | 51,724,948           | 29,942         | 54,221,972               | 27,277,771              | 86,031,112                                 |
| 7 Cotton yarn and cloth.....  | 16                       | 47,376,429           | 16,622         | 19,907,475               | 62,545,536              | 65,568,886                                 |
| 8 Railway rolling-stock.....  | 9                        | 54,135,200           | 15,788         | 31,485,260               | 48,496,748              | 80,274,059                                 |
| 9 Clothing, men's factory.....  | 234                      | 33,860,344           | 16,412         | 18,773,355               | 52,769,092              | 85,179,641                                 |
| 10 Clothing, women's factory.....   | 459                      | 29,811,953           | 16,922         | 20,641,118               | 46,650,792              | 83,076,981                                 |
| 11 Electrical apparatus and supplies  | 37                       | 53,416,244           | 15,111         | 25,474,845               | 42,486,811              | 73,178,995                                 |
| 12 Brass and copper products.....   | 37                       | 24,887,309           | 6,466          | 12,118,159               | 36,615,109              | 63,968,639                                 |
| 13 Slaughtering and meat packing.....   | 29                       | 14,714,488           | 2,643          | 4,054,749                | 52,994,484              | 59,803,813                                 |
| 14 Tobacco, cigars and cigarettes.....  | 46                       | 67,391,439           | 9,448          | 10,599,342               | 28,107,599              | 56,359,476                                 |
| 15 Butter and cheese.....   | 1,050                    | 18,096,040           | 4,640          | 4,594,110                | 43,815,662              | 53,098,380                                 |
| 16 Boots and shoes, leather.....  | 132                      | 19,719,453           | 12,371         | 13,631,442               | 28,125,338              | 49,140,489                                 |
| 17 Sawmills.....  | 1,945                    | 25,071,371           | 10,904         | 8,814,290                | 25,923,018              | 45,641,645                                 |
| 18 Petroleum products.....  | 7                        | 21,837,603           | 1,020          | 2,189,093                | 35,296,425              | 45,493,574                                 |
| 19 Machinery.....   | 44                       | 39,492,193           | 8,181          | 15,366,481               | 16,570,856              | 43,350,998                                 |
| 20 Hardware and tools.....  | 49                       | 21,034,790           | 7,279          | 12,794,488               | 8,362,726               | 34,608,061                                 |
| 21 Silks and artificial silk.....   | 23                       | 27,946,959           | 7,275          | 8,846,090                | 12,546,814              | 33,921,329                                 |
| 22 Primary iron and steel.....  | 16                       | 36,242,566           | 6,482          | 12,999,476               | 12,534,428              | 32,341,735                                 |
| 23 Acids, alkalis and salts.....  | 11                       | 25,457,101           | 2,957          | 5,224,023                | 15,407,087              | 31,298,558                                 |
| 24 Bread and other bakery products.....   | 1,094                    | 15,034,312           | 7,161          | 8,318,082                | 14,873,000              | 31,253,441                                 |
| 25 Hosiery and knitted goods.....   | 67                       | 19,580,803           | 8,753          | 9,091,317                | 14,440,532              | 30,429,048                                 |
| 26 Rubber goods, including rubber<br>footwear.....  | 17                       | 9,294,672            | 4,414          | 5,292,977                | 18,325,708              | 29,631,535                                 |
| 27 Bridge and structural steel.....   | 5                        | 13,094,555           | 3,746          | 7,955,749                | 10,732,624              | 23,706,805                                 |
| 28 Breweries.....   | 8                        | 27,221,304           | 2,745          | 5,375,494                | 6,736,071               | 22,940,424                                 |
| 29 Flour and feed mills.....  | 185                      | 8,852,665            | 951            | 1,471,968                | 18,718,317              | 21,928,030                                 |
| 30 Biscuits, confectionery, cocoa, etc.   | 60                       | 10,423,146           | 3,559          | 3,893,209                | 11,783,823              | 21,050,579                                 |
| 31 Medicinal and pharmaceutical<br>preparations.....  | 84                       | 16,413,996           | 2,852          | 4,319,426                | 8,199,686               | 20,531,611                                 |
| 32 Sheet metal products.....  | 37                       | 18,944,001           | 4,147          | 6,253,604                | 9,777,817               | 20,490,715                                 |
| 33 Paints, pigments and varnishes.....  | 28                       | 16,071,234           | 1,803          | 3,275,468                | 9,375,320               | 19,599,060                                 |
| 34 Castings, iron.....  | 49                       | 19,993,884           | 3,921          | 6,645,389                | 7,607,573               | 19,283,329                                 |
| 35 Fur goods.....   | 200                      | 10,066,972           | 2,372          | 3,441,790                | 13,101,182              | 18,909,523                                 |
| 36 Foods, miscellaneous.....  | 71                       | 10,341,187           | 1,419          | 1,885,413                | 11,657,571              | 18,826,028                                 |
| 37 Printing and publishing.....   | 72                       | 13,818,976           | 4,512          | 7,287,200                | 4,021,313               | 17,662,997                                 |
| 38 Woolen cloth.....  | 24                       | 8,352,626            | 2,681          | 3,181,880                | 10,477,274              | 16,814,951                                 |
| 39 Planing mills, sash and door fac-<br>tories.....   | 380                      | 9,613,436            | 3,505          | 3,861,524                | 10,308,514              | 16,508,249                                 |
| 40 Aerated mineral waters.....  | 161                      | 8,596,597            | 2,092          | 3,024,390                | 5,260,545               | 16,304,322                                 |
| <b>Totals, Leading Industries<sup>2</sup>.....</b>  | <b>6,817</b>             | <b>1,931,721,442</b> | <b>362,584</b> | <b>564,877,886</b>       | <b>1,269,265,628</b>    | <b>2,436,866,948</b>                       |
| <b>Totals, All Industries.....</b>  | <b>9,372</b>             | <b>2,230,620,346</b> | <b>437,217</b> | <b>658,323,620</b>       | <b>1,183,677,797</b>    | <b>2,852,191,853</b>                       |
| Percentage of forty leading indus-<br>tries to totals of all industries in<br>the Province..... | 73.0                     | 86.6                 | 82.9           | 85.3                     | 85.5                    | 85.2                                       |

<sup>1</sup> See footnote 1 to Table 1, page 7.

<sup>2</sup> Statistics for sugar refining, which is also one of the leading industries of this province, cannot be published, since there are fewer than three establishments reporting.



### Section 3.—The Manufactures of Ontario, 1943

The gross value of the manufactured products of Ontario in 1943 represented about 48 p.c. of the total for the whole Dominion, while that of Quebec amounted to about 33 p.c. This premier position in manufacturing has been fairly uniformly maintained by Ontario, as the following percentages show: 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c.; 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. In spite of the rapid industrial development in recent years in other provinces, such as Quebec, British Columbia and Manitoba, Ontario is maintaining a manufacturing production roughly equal to that of the remainder of the Dominion.

The geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible; the wide range of natural resources of forests, minerals, water powers, and agriculture; a large population and excellent water and rail transportation facilities to other parts of the country, have all encouraged industrial development. Other factors have been proximity to one of the most densely populated sections of the United States and the establishment within the Province of branch factories of United States industries, as in automobile manufacturing.

Industries producing capital or durable goods, which constitute an important factor in the manufactures of Ontario, were particularly hard hit during the early years of the depression preceding the Second World War. Thus, production was disproportionately curtailed in such important industries as automobiles, electrical equipment, machinery, agricultural implements, primary iron and steel, etc. This resulted in a lowering of the manufacturing production of the whole Province relatively to that of other provinces less affected by these influences. With the recovery since 1933 and the expansion in production resulting from the Second World War these industries in general have made good recovery, and Ontario, which accounted for 49 p.c. of the gross value of all products manufactured in the Dominion in 1933, had by 1942 increased the relative value to 50.5 p.c. In 1943 the percentage dropped again to 48.3, thus indicating a relatively greater expansion of war production in other provinces.

Ontario also has the greatest diversification of manufacturing production of any province. Outstanding among the industries in which this Province is pre-eminent are those of automobiles, agricultural implements and starch manufacture which are carried on practically in this Province alone. Other important industries in which Ontario leads, with the percentage which the production of each bears to that of the Dominion total, in 1943 are as follows: leather tanneries 88, rubber goods 77, primary iron and steel 74, electrical apparatus and supplies 69, fruit and vegetable preparations 62, castings, iron, 61, flour and feed mills 58, furniture 57, and hosiery and knitted goods 56.

#### 6.—Principal Statistics of the Leading Industries of the Province of Ontario, 1943

| Industry                                  | Estab-lish-ments | Capital     | Em-ploy-ees | Salaries and Wages | Cost of Materials | Gross Value of Products <sup>1</sup> |
|---|------------------|-------------|-------------|--------------------|-------------------|--------------------------------------|
|   |                  | \$          | No.         | \$                 | \$                | \$                                   |
| 1 Automobiles                             | 4                | 139,042,369 | 24,160      | 57,374,388         | 248,460,070       | 351,765,839                          |
| 2 Miscellaneous chemical products         | 103              | 194,009,882 | 15,408      | 24,092,005         | 149,549,019       | 193,083,839                          |
| 3 Non-ferrous metal smelting and refining | 7                | 122,321,138 | 8,059       | 15,480,299         | 136,259,146       | 186,600,741                          |
| 4 Iron and steel products, misc.          | 88               | 149,113,944 | 32,243      | 61,888,749         | 65,294,838        | 175,597,602                          |
| 5 Automobile supplies                     | 66               | 76,222,109  | 20,898      | 39,271,414         | 88,407,719        | 171,536,667                          |
| 6 Electrical apparatus supplies           | 160              | 101,573,606 | 31,254      | 50,610,473         | 65,504,908        | 169,654,250                          |
| 7 Primary iron and steel                  | 27               | 145,658,811 | 19,127      | 39,265,015         | 74,591,373        | 159,789,576                          |
| 8 Slaughtering and meat packing           | 73               | 43,332,609  | 6,052       | 10,406,592         | 121,303,945       | 137,658,150                          |
| 9 Brass and copper products               | 97               | 40,184,782  | 14,339      | 26,043,839         | 69,639,261        | 123,671,646                          |

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

### 6.—Principal Statistics of the Leading Industries of the Province of Ontario, 1943 —concluded

| Industry  | Estab-<br>lish-<br>ments | Capital              | Em-<br>ployees | Salaries<br>and<br>Wages | Cost of<br>Materials | Gross<br>Value of<br>Products <sup>1</sup> |
|---|--------------------------|----------------------|----------------|--------------------------|----------------------|--|
|   | No.                      | £                    | No.            | £                        | £                    | \$   |
| 10 Flour and feed mills                               | 721                      | 36,329,020           | 3,890          | 5,377,482                | 99,556,725           | 116,144,871                                |
| 11 Pulp and paper                                     | 40                       | 188,668,105          | 11,002         | 23,260,167               | 47,008,529           | 108,256,330                                |
| 12 Aircraft   | 22                       | 122,195,091          | 27,015         | 51,851,346               | 36,861,594           | 166,218,069                                |
| 13 Rubber goods (includes rubber footwear)            | 30                       | 64,142,412           | 11,446         | 19,981,095               | 49,940,233           | 100,382,855                                |
| 14 Machinery  | 170                      | 74,195,355           | 17,491         | 32,447,269               | 26,899,489           | 94,340,123                                 |
| 15 Butter and cheese                                  | 801                      | 31,010,821           | 8,199          | 10,943,960               | 62,971,936           | 83,750,034                                 |
| 16 Scientific and professional equip-<br>ment         | 26                       | 60,880,506           | 9,340          | 16,978,620               | 47,443,392           | 70,051,899                                 |
| 17 Petroleum products                                 | 16                       | 38,021,549           | 2,773          | 5,913,719                | 49,050,861           | 69,227,431                                 |
| 18 Sheet metal products                               | 108                      | 46,577,035           | 10,350         | 16,634,566               | 31,620,821           | 62,418,799                                 |
| 19 Agricultural implements                            | 24                       | 60,376,726           | 13,634         | 24,092,278               | 24,559,428           | 55,478,204                                 |
| 20 Bread and other bakery products                    | 1,091                    | 26,796,329           | 12,684         | 16,020,726               | 25,480,001           | 54,679,416                                 |
| 21 Hardware and tools                                 | 173                      | 40,206,520           | 11,430         | 19,666,658               | 14,518,564           | 53,705,295                                 |
| 22 Clothing, men's factory                            | 118                      | 20,433,388           | 10,741         | 14,822,803               | 28,161,503           | 48,660,442                                 |
| 23 Shipbuilding and repairs                           | 21                       | 36,325,397           | 9,578          | 18,594,067               | 14,487,826           | 48,636,195                                 |
| 24 Castings, iron                                     | 91                       | 31,671,005           | 9,325          | 17,521,360               | 16,867,024           | 46,240,835                                 |
| 25 Hosiery and knitted goods                          | 109                      | 35,131,718           | 12,090         | 13,381,272               | 21,452,033           | 44,610,441                                 |
| 26 Fruit and vegetable preparations                   | 192                      | 40,929,323           | 6,687          | 7,321,384                | 26,303,654           | 44,457,791                                 |
| 27 Railway rolling-stock                              | 14                       | 35,463,784           | 6,868          | 13,252,763               | 20,848,579           | 43,241,631                                 |
| 28 Biscuits, confectionery, cocoa, etc.               | 70                       | 26,498,709           | 6,974          | 8,886,874                | 20,592,109           | 43,180,774                                 |
| 29 Leather tanneries                                  | 28                       | 23,314,483           | 3,845          | 6,153,339                | 24,986,340           | 30,132,892                                 |
| 30 Printing and publishing                            | 264                      | 26,796,034           | 7,923          | 14,079,862               | 8,605,732            | 37,655,340                                 |
| 31 Coke and gas products                              | 17                       | 66,473,788           | 2,613          | 4,747,433                | 10,816,908           | 35,383,368                                 |
| 32 Greases, alkalis and salts                         | 21                       | 57,201,670           | 4,286          | 8,177,086                | 11,231,978           | 34,509,997                                 |
| 33 Woollen cloth                                      | 37                       | 19,709,253           | 5,262          | 7,109,117                | 10,806,500           | 33,722,858                                 |
| 34 Abrasive products                                  | 13                       | 11,215,111           | 2,975          | 5,865,833                | 10,120,319           | 33,363,062                                 |
| 35 Clothing, women's factory                          | 265                      | 11,409,827           | 6,873          | 9,576,695                | 17,497,254           | 33,185,455                                 |
| 36 Printing and bookbinding                           | 566                      | 26,298,069           | 8,113          | 11,697,672               | 12,643,456           | 32,101,895                                 |
| 37 Boxes and bags, paper                              | 88                       | 16,713,092           | 5,775          | 7,329,297                | 17,399,695           | 31,462,238                                 |
| 38 Bridge and structural steel                        | 12                       | 18,517,411           | 4,622          | 9,841,267                | 7,884,755            | 31,071,257                                 |
| 39 Aluminum products                                  | 13                       | 18,025,162           | 4,891          | 7,527,350                | 13,441,619           | 29,862,491                                 |
| 40 Miscellaneous paper products                       | 94                       | 19,237,261           | 3,730          | 5,538,309                | 15,943,759           | 29,431,364                                 |
| <b>Totals, Forty Leading In-<br/>dustries</b>         | <b>5,969</b>             | <b>2,353,131,465</b> | <b>434,037</b> | <b>758,621,481</b>       | <b>1,862,932,895</b> | <b>3,363,810,962</b>                       |
| <b>Totals, All Industries</b>                         | <b>10,382</b>            | <b>2,991,953,288</b> | <b>570,017</b> | <b>956,399,212</b>       | <b>2,258,871,511</b> | <b>4,221,161,063</b>                       |
| Percentage of leading industries to<br>all industries | 56.3                     | 78.6                 | 76.1           | 79.2                     | 81.7                 | 79.7                                       |

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

### Section 4.—The Manufactures of the Prairie Provinces, 1943

The leading industries of these Provinces are those based on their agricultural resources—their grain-growing, cattle-raising, and dairying areas. Next in importance, generally, are industries 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. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests, and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the three Prairie Provinces as an economic group, slaughtering and meat packing had the largest gross value of production in 1943, amounting to \$213,029,871, followed by flour and feed mills with \$61,866,161, butter and cheese \$55,722,185, petroleum products \$39,919,567, and railway rolling-stock \$21,558,745. These five industries accounted for about 60 p.c. of the total production of the Prairie Provinces. Other leading industries, in the order named, were: bread and other bakery products, miscellaneous iron and steel products, sawmills, breweries, miscellaneous foods, men's factory clothing, etc.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1913

| Industry   | Estab-<br>lish-<br>ments | Capital            | Em-<br>ploy-<br>ees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value of<br>Products <sup>1</sup> |
|--|--------------------------|--------------------|---------------------|--------------------------|-------------------------|--|
|  |                          |                    |                     |                          |                         |  |
|  | No.                      | \$                 | No.                 | \$                       | \$                      | \$   |
| 1 Slaughtering and meat packing...                 | 12                       | 15,284,201         | 3,500               | 5,553,888                | 84,022,051              | 96,073,714                                 |
| 2 Flour and feed mills.....                        | 44                       | 7,724,348          | 681                 | 886,019                  | 15,870,232              | 18,880,791                                 |
| 3 Butter and cheese.....                           | 92                       | 5,137,123          | 1,480               | 2,100,586                | 13,550,346              | 18,280,093                                 |
| 4 Railway rolling stock.....                       | 4                        | 16,731,822         | 4,780               | 9,179,856                | 8,114,167               | 17,695,431                                 |
| 5 Miscellaneous chemical products.....             | 8                        | 16,840,933         | 2,358               | 3,988,750                | 4,429,898               | 9,563,019                                  |
| 6 Clothing, men's factory.....                     | 30                       | 3,135,408          | 1,968               | 1,915,748                | 5,620,878               | 8,327,702                                  |
| 7 Foods, miscellaneous.....                        | 20                       | 2,787,705          | 478                 | 515,906                  | 5,065,378               | 7,430,755                                  |
| 8 Clothing, women's factory.....                   | 27                       | 2,100,124          | 1,396               | 1,564,375                | 4,208,470               | 6,758,099                                  |
| 9 Bags, cotton and jute.....                       | 4                        | 2,871,694          | 243                 | 329,349                  | 5,650,950               | 6,584,755                                  |
| 10 Biscuits, confectionery, cocoa, etc.....        | 14                       | 1,988,695          | 771                 | 902,144                  | 2,209,768               | 5,682,890                                  |
| 11 Bread and other bakery products.....            | 131                      | 2,944,125          | 1,283               | 1,551,525                | 2,401,775               | 5,468,541                                  |
| 12 Printing and publishing.....                    | 75                       | 3,568,842          | 1,001               | 1,539,987                | 748,688                 | 4,224,066                                  |
| 13 Primary iron and steel.....                     | 4                        | 2,516,811          | 959                 | 1,499,389                | 1,313,557               | 4,154,981                                  |
| 14 Breweries.....                                  | 6                        | 3,380,679          | 427                 | 735,620                  | 714,118                 | 4,050,783                                  |
| 15 All other leading industries <sup>2</sup> ..... | 5                        | 14,013,613         | 816                 | 1,671,266                | 7,309,719               | 13,244,166                                 |
| <b>Totals, Leading Industries</b> .....            | <b>476</b>               | <b>101,035,123</b> | <b>27,150</b>       | <b>33,930,485</b>        | <b>162,865,941</b>      | <b>226,429,336</b>                         |
| <b>Totals, All Industries</b> .....                | <b>1,245</b>             | <b>123,732,567</b> | <b>37,063</b>       | <b>53,811,825</b>        | <b>206,161,756</b>      | <b>304,867,912</b>                         |
| SASKATCHEWAN                                       |                          |                    |                     |                          |                         |  |
| 1 Slaughtering and meat packing...                 | 8                        | 6,240,074          | 1,738               | 2,630,523                | 32,021,292              | 37,309,755                                 |
| 2 Flour and feed mills.....                        | 57                       | 8,209,150          | 718                 | 1,072,058                | 18,397,089              | 23,625,491                                 |
| 3 Butter and cheese.....                           | 69                       | 4,661,503          | 1,398               | 1,725,155                | 15,690,567              | 19,772,808                                 |
| 4 Petroleum products.....                          | 9                        | 7,434,207          | 804                 | 1,181,478                | 11,892,749              | 18,032,525                                 |
| 5 Sawmills.....                                    | 417                      | 2,230,632          | 1,406               | 928,586                  | 1,707,647               | 3,934,344                                  |
| 6 Bread and other bakery products.....             | 97                       | 1,851,640          | 762                 | 850,259                  | 1,828,433               | 4,738,277                                  |
| 7 Breweries.....                                   | 5                        | 2,722,075          | 231                 | 412,814                  | 523,731                 | 2,910,824                                  |
| 8 Printing and publishing.....                     | 118                      | 2,016,246          | 788                 | 1,206,190                | 507,310                 | 2,635,847                                  |
| 9 Foods, miscellaneous.....                        | 5                        | 383,015            | 157                 | 157,584                  | 2,009,791               | 2,478,006                                  |
| 10 Planing mills, sash and door<br>factories.....  | 17                       | 861,280            | 284                 | 362,261                  | 617,025                 | 1,178,111                                  |
| 11 Aerated and mineral waters.....                 | 20                       | 716,543            | 165                 | 221,243                  | 393,046                 | 1,164,082                                  |
| 12 All other industries <sup>2</sup> .....         | 3                        | 17,505,171         | 1,770               | 3,374,071                | 22,529,479              | 28,541,432                                 |
| <b>Totals, Leading Industries</b> .....            | <b>825</b>               | <b>51,840,536</b>  | <b>10,021</b>       | <b>14,131,132</b>        | <b>108,707,648</b>      | <b>145,322,692</b>                         |
| <b>Totals, All Industries</b> .....                | <b>976</b>               | <b>60,671,093</b>  | <b>11,683</b>       | <b>16,445,866</b>        | <b>111,193,185</b>      | <b>152,123,360</b>                         |
| ALBERTA  |                          |                    |                     |                          |                         |  |
| 1 Slaughtering and meat packing...                 | 12                       | 14,603,857         | 3,492               | 5,258,306                | 68,340,363              | 79,640,462                                 |
| 2 Flour and feed mills.....                        | 88                       | 9,209,366          | 824                 | 1,116,532                | 15,974,085              | 19,350,879                                 |
| 3 Petroleum products.....                          | 7                        | 7,769,463          | 547                 | 1,078,186                | 11,718,323              | 18,511,038                                 |
| 4 Butter and cheese.....                           | 100                      | 5,893,647          | 1,447               | 1,741,910                | 13,774,841              | 17,960,284                                 |
| 5 Bread and other bakery products.....             | 135                      | 2,811,529          | 1,130               | 1,413,968                | 2,947,552               | 6,192,555                                  |
| 6 Sawmills.....                                    | 314                      | 2,865,560          | 1,988               | 1,552,596                | 2,280,086               | 5,493,110                                  |
| 7 Breweries.....                                   | 5                        | 5,023,459          | 302                 | 606,348                  | 985,003                 | 4,716,046                                  |
| 8 Railway rolling stock.....                       | 3                        | 7,805,708          | 1,134               | 2,027,300                | 1,718,413               | 3,863,314                                  |
| 9 Printing and publishing.....                     | 83                       | 2,869,790          | 753                 | 1,145,153                | 511,973                 | 3,102,664                                  |
| 10 Clothing, men's factory.....                    | 6                        | 1,630,791          | 547                 | 623,726                  | 1,807,392               | 2,903,496                                  |
| 11 Planing mills, sash and door<br>factories.....  | 31                       | 1,476,206          | 519                 | 717,095                  | 1,108,573               | 2,297,666                                  |
| 12 Castings, iron.....                             | 11                       | 1,560,081          | 560                 | 889,984                  | 559,697                 | 2,050,125                                  |
| 13 Printing and bookbinding.....                   | 52                       | 1,531,787          | 433                 | 643,935                  | 501,256                 | 1,445,180                                  |
| 14 Foods, miscellaneous.....                       | 13                       | 231,298            | 81                  | 109,955                  | 1,159,731               | 1,431,645                                  |
| 15 Aerated and mineral waters.....                 | 19                       | 697,542            | 182                 | 279,548                  | 448,955                 | 1,417,675                                  |
| 16 Boxes, wooden.....                              | 5                        | 805,539            | 269                 | 364,966                  | 596,199                 | 1,113,267                                  |
| 17 Biscuits, confectionery, cocoa, etc.....        | 7                        | 402,564            | 174                 | 223,234                  | 479,221                 | 1,054,549                                  |
| 18 All other industries <sup>2</sup> .....         | 16                       | 32,124,546         | 3,205               | 5,751,200                | 10,191,494              | 24,111,660                                 |
| <b>Totals, Leading Industries</b> .....            | <b>916</b>               | <b>99,222,791</b>  | <b>17,587</b>       | <b>25,543,752</b>        | <b>135,103,867</b>      | <b>196,376,661</b>                         |
| <b>Totals, All Industries</b> .....                | <b>1,133</b>             | <b>111,682,419</b> | <b>20,613</b>       | <b>29,494,369</b>        | <b>142,857,051</b>      | <b>211,159,142</b>                         |

<sup>1</sup> See footnote 1 to Table 3, p. 7.

<sup>2</sup> Other leading industries, individual statistics for which cannot be given because there are fewer than three establishments in each industry are: Manitoba, bridge and structural steel, non-ferrous metal smelting and refining and pulp and paper; Saskatchewan, non-ferrous metal smelting and refining, miscellaneous iron and steel products, and bags, cotton and jute; Alberta, cement, glass products, miscellaneous iron and steel products, primary iron and steel, wood preservation, malt and malt products, sugar refineries, acids, alkalis and salts and cheese, processed.

## Section 5.—The Manufactures of British Columbia, 1943

British Columbia in 1943 was again the third most important manufacturing province of the Dominion. Normally its rich forests give the wood industries a pre-eminence in the Province. Due to the exigencies of the War which resulted in the establishment of a huge shipbuilding industry on the Pacific Coast, the iron and its products group displaced wood and paper as the dominant factor in British Columbia manufacturing production. As a result, the shipbuilding industry with a gross value of production of \$155,536,396 contributed 24 p.c. of the total output of the Province. This industry was in sixth place in 1940 when the output was valued at only \$9,943,941. It furnished employment to 31,238 persons or 30.6 p.c. of the total number engaged in manufacturing in 1943. Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked second with a gross value of production of \$87,069,697, and the pulp and paper industry fourth with \$28,881,845. Third in importance was fish-curing and -packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 50 p.c. of the total production of this industry in Canada. Other important industries were: slaughtering and meat packing, petroleum products, planing mills, machinery, fruit and vegetable preparations, etc. The varied resources of the Province and its position on the Pacific Coast have resulted in a wide diversification of its manufactures.

## 8.—Statistics of the Leading Industries of the Province of British Columbia, 1943

| Industry   | Estab-lish-ments | Capital            | Em-ployees     | Salaries and Wages | Cost of Materials  | Gross Value of Products <sup>1</sup> |
|--|------------------|--------------------|----------------|--------------------|--------------------|--------------------------------------|
|  | No.              | \$                 | No.            | \$                 | \$                 | \$                                   |
| 1 Shipbuilding and repairs.....  | 22               | 49,285,202         | 31,238         | 64,939,484         | 41,888,498         | 155,536,396                          |
| 2 Sawmills.....  | 411              | 52,462,241         | 14,989         | 25,453,950         | 42,784,719         | 87,069,697                           |
| 3 Fish curing and packing.....   | 60               | 18,304,590         | 3,176          | 4,707,503          | 20,909,610         | 32,226,395                           |
| 4 Pulp and paper.....  | 7                | 59,288,302         | 3,867          | 8,199,504          | 10,571,060         | 28,881,845                           |
| 5 Slaughtering and meat packing.....   | 10               | 7,328,838          | 985            | 1,014,503          | 18,006,648         | 21,471,555                           |
| 6 Petroleum products.....  | 6                | 5,306,062          | 381            | 808,160            | 12,354,907         | 14,807,892                           |
| 7 Planing mills, sash and door factories.....                                    | 63               | 8,849,176          | 2,857          | 4,167,291          | 6,401,128          | 13,875,792                           |
| 8 Machinery.....   | 24               | 7,998,161          | 2,102          | 4,227,760          | 4,668,551          | 12,869,980                           |
| 9 Fruit and vegetable preparations.....  | 59               | 8,974,867          | 1,714          | 1,938,435          | 7,997,776          | 12,141,843                           |
| 10 Bread and other bakery products.....  | 258              | 4,109,412          | 2,254          | 3,048,683          | 5,142,747          | 11,108,244                           |
| 11 Butter and cheese.....  | 30               | 3,674,077          | 1,017          | 1,571,674          | 7,751,967          | 10,636,184                           |
| 12 Fertilizers.....  | 5                | 7,150,840          | 1,089          | 2,522,693          | 6,952,933          | 10,431,065                           |
| 13 Acids, alkalies and salts.....  | 4                | 9,573,752          | 405            | 854,220            | 760,059            | 9,943,930                            |
| 14 Iron and steel products, misc.....  | 17               | 8,303,327          | 1,747          | 3,907,446          | 2,223,792          | 9,027,820                            |
| 15 Sheet metal products.....   | 17               | 8,762,512          | 1,155          | 1,955,066          | 4,069,745          | 8,941,389                            |
| 16 Boilers, tanks and plate work.....  | 5                | 2,564,630          | 269            | 587,101            | 4,438,249          | 7,439,883                            |
| 17 Foods, miscellaneous.....   | 27               | 3,508,872          | 432            | 480,902            | 5,810,059          | 6,782,218                            |
| 18 Printing and publishing.....  | 60               | 5,397,685          | 1,623          | 2,788,427          | 1,295,658          | 6,571,460                            |
| 19 All other industries <sup>2</sup> .....                                       | 6                | 94,513,250         | 14,741         | 26,802,524         | 40,630,410         | 91,287,097                           |
| <b>Totals, Leading Industries.....</b>   | <b>1,118</b>     | <b>365,965,917</b> | <b>86,641</b>  | <b>160,604,341</b> | <b>246,257,516</b> | <b>554,653,873</b>                   |
| <b>Totals, All Industries.....</b>   | <b>1,961</b>     | <b>450,360,048</b> | <b>102,221</b> | <b>185,711,773</b> | <b>291,345,065</b> | <b>652,016,313</b>                   |
| Percentage of leading industries to total of all industries in the Province..... | 57.0             | 81.3               | 84.2           | 86.5               | 83.6               | 84.5                                 |

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

<sup>2</sup> Includes other leading industries, statistics of which cannot be published because there are fewer than three establishments in each industry. Such industries are: aircraft, bridge and structural steel and non-ferrous smelting and refining.

**Section 6—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 9, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1943 accounted for 90.8 p.c. and 90.2 p.c., respectively, of the totals for those provinces, while in the Maritime Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions fell to 71.4 p.c. and 79.1 p.c., respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

**9.—Cities and Towns Each with a Gross Manufacturing Production of Over \$1,000,000. Number of Establishments and Total Gross Production in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1943.**

Note.—Statistics published in this table are in some cases higher than the figures published in Table 11, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000 each. It was not possible to publish this information, except in summary form in Table 11 without disclosing the operations of individual establishments.

| Province                             | Urban Centres with a Gross Production of over \$1,000,000 each | Establishments Reporting in Urban Centres Producing over \$1,000,000 each | Total Production in Urban Centres Producing over \$1,000,000 each | Total Production in each Province | Production in Urban Centres as a Percentage of Total Production in each Province |
|--------------------------------------|--|---|---|-----------------------------------|--|
|                                      | No.  | No.   | \$  | \$                                | p.c.   |
| Prince Edward Island.....            | 2  | 57  | 4,870,270   | 9,577,446                         | 51.0   |
| Nova Scotia.....                     | 18   | 372   | 136,402,956   | 188,463,088                       | 72.4   |
| New Brunswick.....                   | 14   | 310   | 100,586,204   | 140,934,879                       | 71.4   |
| Quebec.....                          | 95   | 4,913   | 2,623,845,496   | 2,852,191,853                     | 90.2   |
| Ontario.....                         | 137  | 7,355   | 3,832,257,786   | 4,221,101,063                     | 90.8   |
| Manitoba.....                        | 7  | 800   | 277,508,480   | 304,867,912                       | 91.0   |
| Saskatchewan.....                    | 8  | 291   | 115,936,161   | 152,123,360                       | 76.2   |
| Alberta.....                         | 7  | 463   | 178,252,563   | 211,159,142                       | 84.4   |
| British Columbia.....                | 13   | 1,314   | 515,670,718   | 652,046,313                       | 79.1   |
| Yukon and Northwest Territories..... | —  | —   | —   | 335,943                           | —  |
| <b>Canada.....</b>                   | <b>301</b>   | <b>15,875</b>   | <b>7,785,420,640</b>  | <b>8,732,860,939</b>              | <b>89.1</b>  |

### 10.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-43

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

| City and Year | Estab-<br>lish-<br>ments | Capital | Em-<br>ploy-<br>ees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value of<br>Products <sup>1</sup> |               |
|---------------|--------------------------|---------|---------------------|--------------------------|-------------------------|--|---------------|
|               | No.                      | \$      | No.                 | \$                       | \$                      | \$   |               |
| Montreal      | 1933                     | 2,226   | 363,342,078         | 80,212                   | 74,150,933              | 148,504,215                                | 300,636,197   |
|               | 1935                     | 2,346   | 382,332,791         | 84,612                   | 89,934,540              | 201,022,033                                | 383,547,072   |
|               | 1936                     | 2,372   | 389,225,593         | 95,420                   | 96,705,020              | 228,070,144                                | 427,270,910   |
|               | 1937                     | 2,474   | 415,806,451         | 105,931                  | 112,652,112             | 281,407,645                                | 511,481,054   |
|               | 1938                     | 2,460   | 409,578,419         | 103,254                  | 111,431,906             | 253,277,509                                | 454,534,092   |
|               | 1939                     | 2,501   | 423,234,648         | 105,315                  | 114,602,118             | 254,188,246                                | 483,246,583   |
|               | 1940                     | 2,519   | 475,575,804         | 118,774                  | 138,118,819             | 334,350,560                                | 504,806,394   |
|               | 1941                     | 2,660   | 556,538,023         | 147,917                  | 187,239,445             | 444,557,884                                | 803,085,931   |
|               | 1942                     | 3,007   | 629,809,985         | 169,987                  | 240,888,491             | 541,625,660                                | 976,707,738   |
|               | 1943                     | 2,992   | 721,223,427         | 194,643                  | 307,922,631             | 665,269,935                                | 1,184,114,458 |
| Toronto       | 1933                     | 2,604   | 388,995,006         | 75,645                   | 89,555,883              | 146,286,472                                | 308,983,639   |
|               | 1935                     | 2,689   | 386,898,652         | 86,221                   | 97,144,947              | 190,370,255                                | 385,893,455   |
|               | 1936                     | 2,762   | 396,257,696         | 89,056                   | 102,217,057             | 239,320,347                                | 417,724,888   |
|               | 1937                     | 2,707   | 423,350,568         | 96,247                   | 115,520,059             | 247,422,098                                | 475,479,140   |
|               | 1938                     | 2,863   | 424,209,626         | 94,930                   | 115,832,239             | 239,641,098                                | 455,527,321   |
|               | 1939                     | 2,885   | 447,000,768         | 98,702                   | 122,553,435             | 240,532,281                                | 482,532,331   |
|               | 1940                     | 2,914   | 590,559,305         | 112,136                  | 145,538,148             | 306,675,426                                | 595,913,172   |
|               | 1941                     | 3,045   | 554,317,600         | 133,099                  | 184,267,132             | 391,328,916                                | 750,923,939   |
|               | 1942                     | 3,211   | 635,981,329         | 151,639                  | 228,875,152             | 451,198,158                                | 886,256,494   |
|               | 1943                     | 3,238   | 647,907,281         | 156,459                  | 250,307,913             | 481,594,056                                | 961,923,997   |
| Hamilton      | 1933                     | 460     | 171,625,714         | 21,524                   | 21,523,337              | 35,672,272                                 | 83,530,265    |
|               | 1935                     | 484     | 176,246,983         | 26,769                   | 39,162,244              | 53,740,074                                 | 111,691,789   |
|               | 1936                     | 467     | 176,519,530         | 28,625                   | 32,288,022              | 61,676,050                                 | 139,578,232   |
|               | 1937                     | 479     | 182,739,036         | 32,616                   | 40,256,040              | 83,978,873                                 | 170,651,205   |
|               | 1938                     | 471     | 186,397,262         | 31,313                   | 38,297,830              | 71,849,817                                 | 150,334,481   |
|               | 1939                     | 461     | 206,584,330         | 31,512                   | 39,569,423              | 79,829,034                                 | 152,746,340   |
|               | 1940                     | 474     | 240,821,023         | 39,081                   | 54,139,253              | 106,595,180                                | 212,587,274   |
|               | 1941                     | 491     | 255,862,017         | 45,421                   | 72,845,694              | 136,403,197                                | 283,670,019   |
|               | 1942                     | 482     | 273,212,977         | 59,744                   | 85,111,817              | 166,078,144                                | 347,752,190   |
|               | 1943                     | 485     | 315,996,136         | 54,671                   | 95,376,332              | 164,271,139                                | 362,749,019   |
| Windsor       | 1933                     | 247     | 66,398,372          | 10,212                   | 10,719,819              | 25,752,258                                 | 49,359,245    |
|               | 1935                     | 236     | 64,298,564          | 15,227                   | 20,714,716              | 64,062,711                                 | 104,908,197   |
|               | 1936                     | 214     | 66,034,274          | 15,613                   | 21,189,684              | 59,871,643                                 | 104,556,881   |
|               | 1937                     | 228     | 77,750,511          | 18,659                   | 26,910,449              | 78,667,058                                 | 136,896,194   |
|               | 1938                     | 224     | 79,040,995          | 17,732                   | 26,988,439              | 67,689,572                                 | 125,833,355   |
|               | 1939                     | 222     | 89,434,233          | 17,729                   | 25,938,890              | 63,967,106                                 | 122,474,320   |
|               | 1940                     | 216     | 102,846,682         | 20,911                   | 37,260,970              | 112,991,063                                | 194,174,169   |
|               | 1941                     | 223     | 138,929,934         | 29,486                   | 57,653,986              | 175,847,231                                | 289,027,790   |
|               | 1942                     | 233     | 206,599,146         | 37,057                   | 76,276,589              | 240,384,518                                | 383,323,348   |
|               | 1943                     | 229     | 206,850,571         | 38,516                   | 85,965,874              | 247,504,385                                | 417,745,229   |
| Vancouver     | 1933                     | 746     | 74,209,271          | 12,094                   | 11,754,121              | 28,588,106                                 | 55,160,883    |
|               | 1935                     | 811     | 83,594,899          | 15,683                   | 16,789,590              | 39,863,397                                 | 73,981,872    |
|               | 1936                     | 807     | 83,199,508          | 16,397                   | 18,479,392              | 47,394,136                                 | 87,581,068    |
|               | 1937                     | 824     | 85,851,189          | 17,641                   | 20,783,032              | 53,139,109                                 | 95,717,017    |
|               | 1938                     | 842     | 91,714,005          | 17,968                   | 21,700,941              | 52,178,629                                 | 91,607,637    |
|               | 1939                     | 829     | 92,797,032          | 17,957                   | 22,382,192              | 56,565,511                                 | 101,267,243   |
|               | 1940                     | 849     | 101,429,495         | 23,767                   | 26,502,084              | 76,468,864                                 | 120,981,388   |
|               | 1941                     | 864     | 115,960,608         | 25,223                   | 34,132,096              | 90,720,812                                 | 162,982,868   |
|               | 1942                     | 897     | 136,336,017         | 37,858                   | 60,779,827              | 116,153,100                                | 223,295,187   |
|               | 1943                     | 898     | 193,705,910         | 45,971                   | 81,059,815              | 130,442,455                                | 288,196,900   |
| Winnipeg      | 1933                     | 600     | 73,886,398          | 15,336                   | 15,155,537              | 28,355,612                                 | 59,287,296    |
|               | 1935                     | 616     | 71,837,683          | 16,649                   | 16,588,803              | 36,825,174                                 | 67,217,042    |
|               | 1936                     | 594     | 73,757,177          | 16,673                   | 18,060,555              | 49,822,725                                 | 73,316,055    |
|               | 1937                     | 622     | 72,419,041          | 17,284                   | 19,687,511              | 45,498,865                                 | 83,038,696    |
|               | 1938                     | 634     | 68,339,544          | 17,153                   | 19,811,744              | 43,319,595                                 | 78,029,078    |
|               | 1939                     | 648     | 73,255,368          | 17,571                   | 20,717,273              | 44,873,043                                 | 81,024,272    |
|               | 1940                     | 657     | 79,684,791          | 19,026                   | 22,673,057              | 56,496,847                                 | 98,266,933    |
|               | 1941                     | 677     | 105,406,381         | 23,831                   | 30,169,729              | 73,427,543                                 | 127,913,351   |
|               | 1942                     | 692     | 113,297,399         | 27,768                   | 38,191,886              | 88,897,218                                 | 156,323,353   |
|               | 1943                     | 688     | 100,511,565         | 24,898                   | 35,807,283              | 108,485,838                                | 174,532,234   |

<sup>1</sup> Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1943, see Table 11.

**II.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1913**

| Province and Municipality | Establishments | Capital     | Employees | Salaries and Wages | Cost of Fuel and Electricity | Cost of Materials | Gross Value of Products <sup>1</sup> |
|---------------------------|----------------|-------------|-----------|--------------------|------------------------------|-------------------|--------------------------------------|
|                           | No.            | \$          | No.       | \$                 | \$                           | \$                | \$                                   |
| <b>P. E. Island—</b>      |                |             |           |                    |                              |                   |                                      |
| Charlottetown             | 37             | 2,198,394   | 563       | 641,082            | 43,626                       | 2,088,193         | 3,584,517                            |
| Summerside                | 20             | 817,900     | 219       | 195,089            | 25,767                       | 867,848           | 1,285,753                            |
| <b>Nova Scotia—</b>       |                |             |           |                    |                              |                   |                                      |
| Anchist                   | 23             | 4,511,476   | 3,155     | 4,708,435          | 199,468                      | 3,647,403         | 11,462,414                           |
| Berwick                   | 7              | 364,395     | 265       | 248,357            | 52,232                       | 710,136           | 1,163,713                            |
| Bridgetown                | 9              | 624,318     | 273       | 206,758            | 48,981                       | 779,130           | 1,496,894                            |
| Dartmouth                 | 14             | 4,346,718   | 212       | 329,539            | 29,502                       | 782,957           | 1,479,324                            |
| Digby                     | 10             | 386,966     | 163       | 140,214            | 12,540                       | 515,579           | 1,043,200                            |
| Halifax                   | 113            | 26,662,732  | 6,910     | 11,180,207         | 570,174                      | 14,840,211        | 35,348,278                           |
| Lunenburg                 | 16             | 1,595,446   | 660       | 953,956            | 64,359                       | 1,953,936         | 3,551,404                            |
| New Glasgow               | 27             | 2,141,801   | 873       | 1,417,901          | 137,910                      | 1,764,192         | 3,690,698                            |
| North Sydney              | 12             | 798,897     | 276       | 367,865            | 25,532                       | 1,350,133         | 2,190,060                            |
| Sydney                    | 44             | 58,542,687  | 6,494     | 10,796,565         | 2,381,735                    | 15,719,487        | 29,482,949                           |
| Trenton                   | 4              | 10,233,178  | 2,655     | 4,472,244          | 683,782                      | 4,652,033         | 12,230,900                           |
| Truro                     | 25             | 4,510,659   | 1,175     | 1,211,858          | 119,389                      | 2,764,710         | 5,253,870                            |
| Windsor                   | 13             | 1,415,386   | 364       | 354,776            | 28,819                       | 1,359,789         | 2,058,284                            |
| Yarmouth                  | 30             | 4,206,643   | 981       | 1,124,639          | 66,549                       | 3,207,032         | 5,947,356                            |
| <b>New Brunswick—</b>     |                |             |           |                    |                              |                   |                                      |
| Campbellton               | 18             | 1,388,376   | 560       | 806,014            | 40,401                       | 779,475           | 2,101,872                            |
| Fredriecton               | 28             | 1,891,881   | 570       | 657,888            | 54,619                       | 1,669,779         | 2,897,240                            |
| Moncton                   | 53             | 8,556,537   | 2,818     | 4,210,600          | 299,183                      | 8,084,660         | 14,262,784                           |
| Newcastle                 | 12             | 793,437     | 334       | 292,835            | 16,588                       | 1,083,719         | 1,515,500                            |
| St. Andrews               | 4              | 863,292     | 138       | 226,833            | 6,929                        | 926,660           | 1,270,593                            |
| Saint John                | 129            | 22,684,335  | 5,396     | 7,158,588          | 711,666                      | 26,317,429        | 41,688,274                           |
| St. Stephen               | 12             | 2,465,273   | 511       | 640,243            | 59,379                       | 1,846,427         | 2,651,559                            |
| Sussex                    | 14             | 557,424     | 271       | 298,790            | 12,199                       | 1,061,010         | 1,960,532                            |
| <b>Quebec</b>             |                |             |           |                    |                              |                   |                                      |
| Acton Vale                | 13             | 1,515,850   | 736       | 809,621            | 51,420                       | 1,516,817         | 2,929,091                            |
| Asbestos                  | 14             | 3,231,790   | 470       | 617,816            | 131,458                      | 1,673,061         | 2,698,781                            |
| Beaulieu                  | 13             | 21,271,834  | 2,274     | 3,857,166          | 2,884,017                    | 9,477,203         | 19,661,991                           |
| Berthier                  | 11             | 3,700,346   | 545       | 573,195            | 98,031                       | 1,287,980         | 2,775,058                            |
| Brownburg                 | 7              | 849,692     | 3,153     | 5,298,173          | 134,064                      | 4,133,077         | 11,289,214                           |
| Cabano                    | 5              | 835,362     | 295       | 298,651            | 3,187                        | 712,942           | 1,271,159                            |
| Cap-de-la-Madeleine       | 17             | 8,849,770   | 2,167     | 2,177,033          | 280,025                      | 3,597,422         | 7,775,490                            |
| Chambly-Canton            | 7              | 1,112,065   | 532       | 633,717            | 66,900                       | 992,590           | 2,195,863                            |
| Chicoutimi                | 22             | 1,785,403   | 409       | 466,794            | 35,968                       | 658,118           | 1,409,623                            |
| Compton                   | 21             | 2,598,794   | 904       | 895,855            | 65,035                       | 2,359,999         | 3,960,526                            |
| Drummondville             | 29             | 15,540,224  | 4,827     | 5,923,661          | 784,886                      | 4,697,576         | 19,585,909                           |
| Ferlinbam                 | 18             | 3,140,354   | 823       | 932,848            | 108,302                      | 2,908,865         | 4,853,512                            |
| Grenby                    | 44             | 10,214,831  | 4,231     | 4,821,105          | 287,497                      | 11,248,927        | 23,023,530                           |
| Grand-Mère                | 17             | 18,431,598  | 1,786     | 2,211,947          | 843,009                      | 4,855,792         | 11,914,537                           |
| Hull                      | 50             | 18,258,306  | 3,547     | 5,100,856          | 965,778                      | 13,320,881        | 22,644,228                           |
| Huntingdon                | 11             | 1,823,252   | 488       | 724,348            | 54,637                       | 2,125,174         | 3,574,002                            |
| Joliette                  | 44             | 3,025,498   | 1,760     | 1,905,901          | 219,463                      | 2,880,532         | 6,488,074                            |
| Jonquière                 | 13             | 1,640,235   | 352       | 547,440            | 103,069                      | 1,147,824         | 2,318,105                            |
| Lachine                   | 36             | 36,468,094  | 7,107     | 15,999,965         | 896,727                      | 21,660,934        | 50,621,042                           |
| La Pêrante                | 10             | 1,515,028   | 218       | 196,316            | 44,031                       | 1,206,947         | 1,680,109                            |
| Laprairie                 | 14             | 2,786,653   | 369       | 483,395            | 101,424                      | 339,660           | 1,546,710                            |
| La Salle                  | 14             | 14,401,126  | 1,488     | 2,191,079          | 459,587                      | 9,766,970         | 20,844,342                           |
| Lennoxville               | 7              | 984,487     | 252       | 416,452            | 103,165                      | 665,199           | 1,447,549                            |
| Lévis                     | 21             | 822,600     | 298       | 399,959            | 19,404                       | 844,944           | 1,488,817                            |
| Longueuil                 | 13             | 45,874,491  | 9,889     | 19,615,656         | 314,530                      | 8,239,153         | 36,031,482                           |
| Loretteville              | 19             | 640,349     | 579       | 521,213            | 16,261                       | 849,858           | 1,574,509                            |
| Mac-Musterville           | 5              | 6,372,245   | 805       | 1,475,519          | 196,002                      | 5,184,142         | 8,955,185                            |
| Marieville                | 14             | 1,142,320   | 607       | 511,998            | 25,419                       | 1,756,420         | 2,650,284                            |
| Marane                    | 14             | 1,186,031   | 325       | 338,059            | 3,095                        | 788,278           | 1,695,975                            |
| Mégantic                  | 13             | 720,469     | 501       | 517,418            | 7,622                        | 681,697           | 1,318,361                            |
| Montmagny                 | 27             | 3,009,674   | 1,200     | 1,332,697          | 76,320                       | 2,267,834         | 4,930,710                            |
| Montreal                  | 2,992          | 721,223,427 | 194,643   | 307,622,631        | 15,119,220                   | 665,209,935       | 1,184,114,458                        |
| Montreal East             | 18             | 58,258,103  | 3,959     | 7,612,886          | 4,424,305                    | 97,883,762        | 126,791,276                          |
| Mont Royal                | 4              | 2,108,460   | 540       | 610,967            | 17,578                       | 1,031,533         | 2,350,706                            |
| Nicolet                   | 13             | 1,071,794   | 416       | 376,824            | 17,428                       | 829,633           | 1,853,557                            |
| Outremont                 | 14             | 6,120,388   | 927       | 1,414,575          | 71,127                       | 5,740,510         | 10,534,158                           |
| Plessisville              | 15             | 1,541,874   | 727       | 779,416            | 43,623                       | 1,074,251         | 2,345,614                            |
| Pointe-aux-Trembles       | 8              | 766,720     | 450       | 515,797            | 33,507                       | 1,249,103         | 2,254,080                            |
| Princeville               | 7              | 548,874     | 183       | 179,346            | 16,340                       | 1,820,434         | 2,187,104                            |
| Quebec                    | 309            | 111,921,277 | 25,876    | 34,461,193         | 2,782,559                    | 37,317,318        | 101,451,883                          |
| Richmond                  | 8              | 1,364,068   | 497       | 538,673            | 21,791                       | 756,524           | 1,533,294                            |
| Rimouski                  | 24             | 2,432,413   | 727       | 848,466            | 23,548                       | 2,513,405         | 4,262,216                            |
| Rivière-du-Loup           | 19             | 1,291,500   | 359       | 507,253            | 62,677                       | 537,498           | 1,301,555                            |

<sup>1</sup> Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

**II.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1943—continued**

| Province and Municipality | Estab-<br>lish-<br>ments | Capital     | Em-<br>ployees | Salaries<br>and<br>Wages | Cost of<br>Fuel and<br>Electricity | Cost of<br>Materials | Gross<br>Value of<br>Products <sup>1</sup> |
|---------------------------|--------------------------|-------------|----------------|--------------------------|------------------------------------|----------------------|--|
|                           | No.                      | \$          | No.            | \$                       | \$                                 | \$                   | \$   |
| <b>Quebec—continued</b>   |                          |             |                |                          |                                    |                      |  |
| St. Césaire.....          | 17                       | 507,848     | 299            | 247,269                  | 14,271                             | 655,365              | 1,013,660                                  |
| St. George East.....      | 13                       | 843,377     | 507            | 472,840                  | 42,063                             | 848,341              | 1,733,670                                  |
| St. Hyacinthe.....        | 68                       | 11,082,658  | 5,012          | 5,242,487                | 332,293                            | 12,425,392           | 22,674,925                                 |
| St. Jean.....             | 57                       | 14,081,867  | 4,163          | 5,396,457                | 518,313                            | 8,203,390            | 17,702,995                                 |
| St. Jérôme.....           | 32                       | 9,273,554   | 2,719          | 2,881,648                | 299,015                            | 15,241,046           | 24,092,883                                 |
| St. Lambert.....          | 10                       | 1,523,178   | 467            | 649,690                  | 45,534                             | 1,106,597            | 2,563,119                                  |
| St. Laurent.....          | 18                       | 17,285,564  | 11,906         | 19,410,782               | 469,058                            | 12,140,847           | 39,622,541                                 |
| St. Titre.....            | 17                       | 441,896     | 193            | 214,444                  | 7,704                              | 750,879              | 1,170,246                                  |
| Shawinigan Falls.....     | 40                       | 66,795,570  | d.721          | 10,773,222               | 9,022,471                          | 35,278,145           | 72,099,227                                 |
| Sherbrooke.....           | 87                       | 28,409,684  | 8,010          | 10,519,043               | 770,726                            | 18,502,872           | 39,833,746                                 |
| Terrebonne.....           | 16                       | 861,791     | 486            | 569,721                  | 23,713                             | 1,187,150            | 2,032,425                                  |
| Three Rivers.....         | 69                       | 61,667,167  | 6,713          | 9,830,292                | 3,577,923                          | 19,409,629           | 40,432,616                                 |
| Thurso.....               | 8                        | 1,225,013   | 258            | 283,292                  | 6,804                              | 707,158              | 1,573,457                                  |
| Trois Pistoles.....       | 12                       | 257,276     | 123            | 128,069                  | 8,192                              | 958,071              | 1,307,905                                  |
| Valley field.....         | 31                       | 10,734,019  | 3,866          | 4,575,650                | 445,024                            | 8,288,775            | 15,092,208                                 |
| Victoriaville.....        | 29                       | 3,474,332   | 1,801          | 1,935,633                | 71,973                             | 3,728,190            | 7,151,202                                  |
| Warwick.....              | 2                        | 1,101,002   | 329            | 395,731                  | 49,950                             | 1,252,839            | 2,067,990                                  |
| Waterloo.....             | 17                       | 3,971,122   | 1,155          | 1,385,440                | 86,658                             | 1,034,805            | 8,727,592                                  |
| Westmount.....            | 12                       | 3,206,656   | 1,358          | 2,309,817                | 201,211                            | 2,735,822            | 8,511,442                                  |
| Windsor.....              | 9                        | 4,007,044   | 718            | 1,168,030                | 472,631                            | 2,744,135            | 5,895,051                                  |
| <b>Ontario</b>            |                          |             |                |                          |                                    |                      |  |
| Acton.....                | 17                       | 5,088,512   | 940            | 1,218,182                | 142,166                            | 6,534,825            | 10,064,153                                 |
| Almonte.....              | 10                       | 1,026,101   | 322            | 386,761                  | 34,776                             | 1,865,821            | 2,611,985                                  |
| Amherstburg.....          | 9                        | 5,604,902   | 618            | 995,490                  | 903,448                            | 1,084,027            | 7,189,505                                  |
| Amprington.....           | 14                       | 3,287,122   | 402            | 567,639                  | 60,417                             | 1,375,312            | 2,555,043                                  |
| Aurora.....               | 10                       | 1,630,682   | 437            | 631,449                  | 35,293                             | 2,536,592            | 3,707,019                                  |
| Barrie.....               | 16                       | 1,630,924   | 513            | 677,899                  | 56,629                             | 3,788,544            | 4,808,683                                  |
| Belleville.....           | 47                       | 10,654,783  | 2,993          | 4,209,793                | 404,155                            | 4,841,683            | 15,151,225                                 |
| Bloomfield.....           | 8                        | 917,333     | 134            | 133,529                  | 16,447                             | 663,215              | 1,086,905                                  |
| Brampton.....             | 22                       | 2,750,667   | 809            | 1,280,968                | 50,345                             | 2,342,948            | 4,121,936                                  |
| Bramford.....             | 118                      | 48,376,209  | 14,023         | 22,797,244               | 1,093,493                          | 26,397,320           | 60,252,865                                 |
| Brighton.....             | 13                       | 590,574     | 247            | 282,211                  | 26,391                             | 571,864              | 1,257,991                                  |
| Brookville.....           | 34                       | 6,067,871   | 1,099          | 2,137,868                | 239,080                            | 10,849,255           | 15,377,987                                 |
| Burlington.....           | 9                        | 1,609,792   | 434            | 608,353                  | 49,895                             | 1,984,793            | 3,412,633                                  |
| Carleton Place.....       | 10                       | 813,008     | 191            | 292,731                  | 97,421                             | 1,102,334            | 2,112,880                                  |
| Campbellford.....         | 15                       | 1,144,685   | 394            | 403,546                  | 44,162                             | 1,899,618            | 2,767,384                                  |
| Carleton Place.....       | 10                       | 2,803,943   | 861            | 1,137,292                | 85,825                             | 2,453,993            | 4,258,977                                  |
| Chatham.....              | 55                       | 19,306,902  | 2,423          | 3,760,249                | 309,720                            | 14,198,423           | 22,129,587                                 |
| Chesley.....              | 12                       | 880,458     | 293            | 329,384                  | 24,840                             | 645,529              | 1,162,440                                  |
| Cobourg.....              | 21                       | 3,077,480   | 629            | 930,115                  | 115,877                            | 1,981,184            | 3,096,716                                  |
| Collingwood.....          | 15                       | 4,504,890   | 1,752          | 2,973,174                | 87,291                             | 3,708,135            | 8,263,323                                  |
| Cornwall.....             | 48                       | 31,895,512  | 5,123          | 7,113,792                | 1,741,636                          | 11,434,161           | 26,704,155                                 |
| Dryden.....               | 11                       | 5,079,553   | 413            | 653,341                  | 247,628                            | 1,253,662            | 2,883,666                                  |
| Dundas.....               | 24                       | 10,255,557  | 1,647          | 2,736,892                | 92,109                             | 2,400,694            | 8,143,008                                  |
| Dunnville.....            | 20                       | 3,892,964   | 750            | 978,296                  | 65,800                             | 1,796,862            | 3,434,896                                  |
| Eastview.....             | 11                       | 844,166     | 339            | 483,076                  | 60,816                             | 3,017,456            | 3,868,546                                  |
| Elmira.....               | 20                       | 2,725,783   | 541            | 795,987                  | 69,205                             | 1,601,859            | 3,391,929                                  |
| Forest.....               | 12                       | 479,270     | 179            | 180,102                  | 29,432                             | 645,334              | 1,033,820                                  |
| Fort Erie.....            | 13                       | 10,733,075  | 3,037          | 6,538,437                | 80,328                             | 7,309,956            | 21,321,701                                 |
| Fort William.....         | 45                       | 34,286,478  | 6,623          | 12,242,891               | 1,492,067                          | 12,086,260           | 36,592,632                                 |
| Frankford.....            | 8                        | 823,695     | 849            | 1,355,540                | 36,704                             | 1,988,572            | 4,094,977                                  |
| Galt.....                 | 71                       | 19,035,116  | 5,684          | 8,422,823                | 570,581                            | 10,428,300           | 25,291,893                                 |
| Gananoque.....            | 16                       | 4,306,440   | 1,030          | 1,594,973                | 154,539                            | 3,487,838            | 7,791,966                                  |
| Georgetown.....           | 16                       | 4,157,177   | 618            | 935,129                  | 130,159                            | 1,985,136            | 3,918,022                                  |
| Goderich.....             | 14                       | 2,626,974   | 455            | 618,302                  | 174,540                            | 4,412,783            | 6,232,349                                  |
| Greenhurst.....           | 8                        | 695,637     | 330            | 383,874                  | 13,059                             | 521,704              | 1,153,154                                  |
| Grimsby.....              | 10                       | 1,064,025   | 432            | 498,020                  | 33,294                             | 685,197              | 1,179,069                                  |
| Guelph.....               | 91                       | 16,587,381  | 5,631          | 7,818,551                | 556,168                            | 17,648,429           | 34,199,619                                 |
| Hagersville.....          | 5                        | 1,215,367   | 89             | 122,195                  | 39,447                             | 676,524              | 1,352,429                                  |
| Hamilton.....             | 485                      | 315,896,130 | 54,671         | 95,576,332               | 11,826,065                         | 164,271,139          | 362,743,019                                |
| Hanover.....              | 15                       | 2,894,822   | 967            | 1,149,066                | 57,887                             | 2,056,790            | 3,924,514                                  |
| Hespeler.....             | 14                       | 5,230,319   | 1,334          | 1,831,463                | 380,820                            | 4,710,656            | 9,332,590                                  |
| Humberstone.....          | 10                       | 5,251,326   | 600            | 753,725                  | 66,028                             | 5,602,102            | 7,535,629                                  |
| Ingersoll.....            | 22                       | 5,759,293   | 1,599          | 2,532,815                | 158,405                            | 5,584,843            | 10,933,196                                 |
| Kincardine.....           | 12                       | 1,333,804   | 628            | 967,687                  | 42,248                             | 923,697              | 2,009,383                                  |
| Kingston.....             | 50                       | 23,396,384  | 8,846          | 9,734,470                | 852,504                            | 19,883,212           | 45,358,638                                 |
| Kitchener.....            | 154                      | 45,068,496  | 12,240         | 18,426,863               | 1,061,662                          | 50,137,928           | 90,496,101                                 |
| Leamington.....           | 11                       | 8,526,583   | 987            | 1,269,598                | 128,232                            | 6,132,362            | 9,405,102                                  |
| Leaside.....              | 42                       | 71,335,820  | 13,290         | 24,406,029               | 599,084                            | 60,954,539           | 100,128,734                                |
| Lindsay.....              | 27                       | 5,896,542   | 1,684          | 2,147,058                | 284,661                            | 3,595,721            | 7,561,627                                  |
| Listowel.....             | 16                       | 3,171,436   | 412            | 516,787                  | 74,184                             | 2,337,329            | 3,483,968                                  |
| London.....               | 232                      | 48,505,956  | 13,501         | 20,059,499               | 1,166,590                          | 35,237,389           | 81,178,023                                 |

<sup>1</sup> Net value is derived from gross value by deducting the cost of materials, fuel and electricity.



II.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1943—continued

| Province and Municipality | Establishments | Capital     | Em-<br>ployees | Salaries<br>and<br>Wages | Cost of<br>Fuel and<br>Electricity | Cost of<br>Materials | Gross<br>Value of<br>Products <sup>1</sup> |
|---------------------------|----------------|-------------|----------------|--------------------------|------------------------------------|----------------------|--|
|                           | No.            |             |                |                          |                                    |                      |  |
| <b>Ontario—continued</b>  |                |             |                |                          |                                    |                      |  |
| Mexford                   | 15             | 922,005     | 322            | 356,515                  | 34,023                             | 704,940              | 1,458,102                                  |
| Merrittton                | 13             | 12,225,078  | 2,354          | 4,587,693                | 690,998                            | 9,011,314            | 19,674,433                                 |
| Midland                   | 17             | 5,943,304   | 1,100          | 1,653,622                | 61,848                             | 3,883,943            | 8,292,965                                  |
| Milton                    | 12             | 2,256,655   | 421            | 667,705                  | 143,627                            | 883,140              | 2,952,205                                  |
| Mimico                    | 14             | 1,539,423   | 331            | 408,740                  | 22,955                             | 354,726              | 1,267,126                                  |
| Napanee                   | 17             | 1,099,822   | 384            | 447,567                  | 57,816                             | 678,488              | 1,544,183                                  |
| New Liskeard              | 15             | 2,447,433   | 587            | 777,693                  | 20,227                             | 959,274              | 2,056,367                                  |
| Newmarket                 | 14             | 4,150,440   | 795            | 1,116,021                | 78,482                             | 2,774,418            | 5,517,495                                  |
| New Toronto               | 24             | 46,160,004  | 6,159          | 12,322,966               | 1,328,801                          | 49,167,414           | 85,226,690                                 |
| Niagara Falls             | 68             | 79,389,148  | 7,843          | 13,860,444               | 4,470,224                          | 28,569,899           | 53,965,697                                 |
| North Bay                 | 24             | 1,407,712   | 425            | 629,366                  | 59,473                             | 1,158,854            | 2,371,486                                  |
| Oakville                  | 17             | 2,053,109   | 569            | 809,990                  | 51,457                             | 1,966,716            | 4,284,824                                  |
| Orillia                   | 38             | 5,957,991   | 2,296          | 3,116,226                | 193,637                            | 3,936,791            | 9,886,851                                  |
| Ottawa                    | 212            | 38,989,696  | 11,520         | 18,276,988               | 1,053,606                          | 21,315,934           | 53,235,387                                 |
| Owen Sound                | 39             | 8,691,734   | 2,579          | 3,687,970                | 214,723                            | 4,399,418            | 11,227,977                                 |
| Paris                     | 21             | 7,231,343   | 1,193          | 1,491,842                | 89,684                             | 3,017,266            | 5,561,948                                  |
| Pembroke                  | 31             | 3,252,742   | 1,088          | 1,238,091                | 111,197                            | 1,730,609            | 4,218,016                                  |
| Pentanguishene            | 13             | 1,152,185   | 463            | 591,711                  | 24,950                             | 770,466              | 1,816,920                                  |
| Perth                     | 18             | 3,756,534   | 896            | 1,180,225                | 73,232                             | 2,442,552            | 5,095,200                                  |
| Peterborough              | 85             | 49,913,613  | 9,728          | 15,737,084               | 782,988                            | 51,629,519           | 92,082,644                                 |
| Port Arthur               | 32             | 19,615,666  | 2,997          | 5,632,446                | 1,032,862                          | 9,225,735            | 20,404,837                                 |
| Port Daulhousie           | 4              | 709,477     | 206            | 356,532                  | 9,947                              | 234,145              | 1,025,951                                  |
| Port Hope                 | 18             | 4,217,758   | 873            | 1,440,812                | 155,897                            | 1,485,771            | 4,556,439                                  |
| Prescott                  | 14             | 876,500     | 478            | 600,479                  | 15,705                             | 674,587              | 1,521,193                                  |
| Preston                   | 32             | 8,134,141   | 2,230          | 3,343,391                | 170,504                            | 5,324,927            | 11,349,573                                 |
| Renfrew                   | 25             | 3,558,050   | 977            | 1,295,392                | 127,658                            | 2,950,456            | 5,679,287                                  |
| Richmond Hill             | 11             | 1,879,571   | 741            | 1,550,511                | 23,640                             | 786,658              | 3,740,450                                  |
| Ridgeway                  | 15             | 492,446     | 218            | 252,766                  | 13,293                             | 695,481              | 1,268,107                                  |
| St. Catharines            | 95             | 46,279,431  | 11,109         | 20,218,926               | 1,120,063                          | 47,153,262           | 86,742,678                                 |
| St. Mary's                | 18             | 5,208,695   | 510            | 750,423                  | 394,023                            | 2,521,715            | 4,409,694                                  |
| St. Thomas                | 38             | 5,076,333   | 1,613          | 2,149,220                | 122,404                            | 3,436,150            | 8,162,748                                  |
| Sarnia                    | 45             | 78,070,050  | 5,138          | 9,575,966                | 3,397,693                          | 40,953,552           | 63,611,788                                 |
| Sault Ste. Marie          | 45             | 65,174,285  | 5,032          | 10,231,037               | 4,426,732                          | 18,124,655           | 48,118,627                                 |
| Simcoe                    | 24             | 9,281,321   | 1,085          | 1,446,378                | 121,623                            | 6,617,050            | 10,665,823                                 |
| Smith's Falls             | 20             | 3,765,012   | 1,187          | 1,780,987                | 84,643                             | 2,704,303            | 5,010,710                                  |
| Southampton               | 5              | 657,986     | 346            | 473,587                  | 31,088                             | 747,635              | 1,610,921                                  |
| Stratford                 | 58             | 9,613,471   | 3,425          | 5,221,759                | 290,605                            | 8,885,711            | 15,945,712                                 |
| Stratroy                  | 18             | 1,402,270   | 584            | 614,926                  | 39,159                             | 2,183,881            | 3,633,196                                  |
| Streetsville              | 8              | 428,837     | 126            | 180,927                  | 23,209                             | 1,211,089            | 1,525,181                                  |
| Sudbury                   | 42             | 3,269,584   | 659            | 932,664                  | 82,392                             | 1,938,787            | 3,654,476                                  |
| Swansea                   | 6              | 2,890,914   | 741            | 1,118,694                | 135,522                            | 1,737,213            | 3,826,882                                  |
| Tavistock                 | 11             | 650,549     | 261            | 265,954                  | 21,887                             | 1,436,532            | 1,922,905                                  |
| Thorold                   | 19             | 16,447,505  | 1,543          | 3,158,255                | 1,579,801                          | 6,233,079            | 14,131,726                                 |
| Tilbury                   | 7              | 1,871,918   | 714            | 1,250,436                | 98,331                             | 3,280,045            | 6,452,744                                  |
| Tillsonburg               | 20             | 2,007,985   | 630            | 856,014                  | 85,777                             | 4,638,981            | 6,603,991                                  |
| Tintabets                 | 21             | 1,567,478   | 340            | 415,808                  | 43,011                             | 796,062              | 1,578,939                                  |
| Toronto                   | 3,238          | 947,907,281 | 156,459        | 259,307,813              | 11,700,345                         | 481,504,056          | 961,923,997                                |
| Trenton                   | 24             | 5,040,090   | 1,318          | 1,604,168                | 300,728                            | 6,513,584            | 10,632,929                                 |
| Walkerton                 | 16             | 1,415,639   | 463            | 545,683                  | 29,263                             | 704,222              | 1,490,063                                  |
| Wallaceburg               | 15             | 7,112,597   | 2,277          | 3,611,751                | 691,791                            | 5,275,257            | 13,137,833                                 |
| Waterloo                  | 48             | 12,837,514  | 3,015          | 4,589,325                | 224,650                            | 6,887,820            | 15,939,960                                 |
| Welland                   | 53             | 48,552,603  | 9,939          | 18,081,870               | 4,820,654                          | 36,050,331           | 82,250,094                                 |
| Wellington                | 8              | 728,850     | 154            | 131,586                  | 34,805                             | 717,433              | 1,197,904                                  |
| West Lorne                | 6              | 693,757     | 204            | 287,327                  | 15,033                             | 1,143,923            | 1,876,282                                  |
| Weston                    | 27             | 15,857,377  | 4,694          | 8,418,299                | 258,956                            | 8,548,304            | 18,774,374                                 |
| Whitby                    | 11             | 1,358,234   | 389            | 544,392                  | 30,587                             | 993,710              | 1,865,329                                  |
| Windsor                   | 229            | 206,850,571 | 38,516         | 85,965,874               | 4,731,441                          | 247,504,385          | 417,745,229                                |
| Wingham                   | 12             | 724,043     | 304            | 373,785                  | 23,527                             | 1,070,925            | 1,427,775                                  |
| Woodstock                 | 57             | 10,524,570  | 3,480          | 4,971,730                | 312,442                            | 9,702,860            | 19,456,441                                 |
| <b>Manitoba—</b>          |                |             |                |                          |                                    |                      |  |
| Brandon                   | 34             | 3,039,538   | 615            | 787,980                  | 106,324                            | 4,533,704            | 6,223,280                                  |
| Neepawa                   | 8              | 727,431     | 110            | 146,587                  | 65,498                             | 499,449              | 1,044,923                                  |
| St. Boniface              | 51             | 14,660,736  | 3,272          | 4,870,367                | 498,989                            | 59,805,608           | 73,140,799                                 |
| The Pas                   | 6              | 1,014,804   | 177            | 272,691                  | 4,711                              | 412,871              | 1,222,511                                  |
| Transcona                 | 6              | 23,596,700  | 4,064          | 7,310,518                | 608,365                            | 8,778,658            | 17,694,001                                 |
| Winnipeg                  | 688            | 100,511,665 | 24,898         | 35,807,283               | 2,201,271                          | 106,485,838          | 174,523,234                                |
| <b>Saskatchewan—</b>      |                |             |                |                          |                                    |                      |  |
| Melville                  | 8              | 249,137     | 71             | 76,423                   | 24,031                             | 965,690              | 1,222,438                                  |
| Moose Jaw                 | 42             | 8,079,517   | 1,478          | 2,207,838                | 405,101                            | 25,744,184           | 31,776,952                                 |
| North Battleford          | 11             | 745,232     | 290            | 465,744                  | 28,579                             | 570,209              | 1,427,537                                  |
| Prince Albert             | 27             | 3,717,814   | 1,304          | 1,908,179                | 141,973                            | 10,045,646           | 13,313,303                                 |

<sup>1</sup> Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

**11.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1913—concluded**

| Province and Municipality | Estab-lish-ments | Capital     | Em-employees | Salaries and Wages | Cost of Fuel and Electricity | Cost of Materials | Gross Value of Products <sup>1</sup> |
|---------------------------|------------------|-------------|--------------|--------------------|------------------------------|-------------------|--------------------------------------|
|                           | No.              | \$          | No.          | \$                 | \$                           | \$                | \$                                   |
| <b>Saskatchewan—con.</b>  |                  |             |              |                    |                              |                   |                                      |
| Regina.....               | 102              | 18,911,228  | 3,430        | 5,721,370          | 981,545                      | 23,305,802        | 35,785,047                           |
| Saskatoon.....            | 78               | 10,330,510  | 1,965        | 2,811,927          | 371,393                      | 20,934,495        | 29,992,998                           |
| Swift Current.....        | 11               | 396,789     | 105          | 130,248            | 22,366                       | 935,808           | 1,300,818                            |
| Yorkton.....              | 12               | 545,003     | 134          | 169,116            | 28,604                       | 778,156           | 1,111,068                            |
| <b>Alberta—</b>           |                  |             |              |                    |                              |                   |                                      |
| Calgary.....              | 203              | 44,273,115  | 6,233        | 9,754,177          | 637,883                      | 45,750,475        | 70,849,587                           |
| Edmonton.....             | 186              | 27,707,185  | 6,641        | 9,838,153          | 573,203                      | 62,670,798        | 82,806,592                           |
| Lethbridge.....           | 30               | 2,720,503   | 633          | 835,249            | 71,675                       | 2,778,488         | 5,659,070                            |
| Medicine Hat.....         | 23               | 7,932,986   | 1,035        | 1,320,073          | 77,575                       | 8,652,443         | 11,711,748                           |
| Red Deer.....             | 12               | 495,706     | 106          | 127,671            | 23,349                       | 1,026,297         | 1,384,081                            |
| <b>British Columbia—</b>  |                  |             |              |                    |                              |                   |                                      |
| Kelowna.....              | 22               | 2,051,961   | 468          | 625,860            | 44,578                       | 1,279,493         | 2,360,040                            |
| Mission.....              | 12               | 1,212,865   | 187          | 267,266            | 23,305                       | 1,429,256         | 1,994,354                            |
| Nanaimo.....              | 23               | 759,603     | 263          | 390,355            | 30,980                       | 1,475,381         | 1,160,826                            |
| Nelson.....               | 25               | 1,125,305   | 329          | 460,995            | 32,198                       | 818,652           | 1,673,138                            |
| New Westminster.....      | 91               | 20,463,591  | 5,037        | 8,744,444          | 518,582                      | 19,915,427        | 37,402,702                           |
| Port Alberni.....         | 9                | 5,961,673   | 1,141        | 2,178,737          | 94,505                       | 3,483,693         | 8,841,286                            |
| Port Moody.....           | 4                | 1,511,822   | 385          | 720,300            | 35,337                       | 1,065,738         | 2,278,783                            |
| Prince Rupert.....        | 21               | 9,018,957   | 1,905        | 4,367,808          | 197,805                      | 4,974,868         | 13,092,153                           |
| Vancouver.....            | 898              | 193,795,910 | 45,971       | 81,059,815         | 3,138,236                    | 130,442,455       | 288,196,900                          |
| Vernon.....               | 21               | 1,147,605   | 308          | 517,641            | 64,702                       | 1,045,451         | 2,012,685                            |
| Victoria.....             | 143              | 18,731,583  | 5,688        | 10,378,408         | 471,301                      | 10,127,295        | 32,083,580                           |

<sup>1</sup> Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

**12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1913**

| County                       | Estab-lish-ments | Capital            | Em-employees  | Salaries and Wages | Cost of Materials | Gross Value of Products <sup>1</sup> |
|------------------------------|------------------|--------------------|---------------|--------------------|-------------------|--------------------------------------|
|                              | No.              | \$                 | No.           | \$                 | \$                | \$                                   |
| <b>Prince Edward Island—</b> |                  |                    |               |                    |                   |                                      |
| Kings.....                   | 64               | 457,134            | 408           | 276,059            | 1,281,093         | 1,857,347                            |
| Prince.....                  | 84               | 1,027,703          | 459           | 315,433            | 2,379,761         | 3,229,936                            |
| Queens.....                  | 82               | 2,396,995          | 683           | 706,620            | 2,771,226         | 4,490,163                            |
| <b>Totals</b>                | <b>230</b>       | <b>4,881,832</b>   | <b>1,550</b>  | <b>1,298,112</b>   | <b>6,432,073</b>  | <b>9,577,446</b>                     |
| <b>Nova Scotia—</b>          |                  |                    |               |                    |                   |                                      |
| Annapolis.....               | 42               | 1,210,160          | 580           | 468,218            | 1,563,537         | 2,496,612                            |
| Antigonish.....              | 26               | 156,173            | 139           | 101,176            | 348,005           | 572,243                              |
| Cape Breton North.....       | 21               | 820,162            | 307           | 384,870            | 1,435,714         | 2,342,424                            |
| Cape Breton South.....       | 81               | 58,856,742         | 6,803         | 11,078,506         | 16,660,908        | 31,187,393                           |
| Cochester.....               | 80               | 5,161,234          | 1,616         | 1,547,982          | 4,069,048         | 7,420,366                            |
| Cumberland.....              | 90               | 5,877,986          | 3,877         | 5,398,183          | 5,214,040         | 14,596,884                           |
| Digby.....                   | 82               | 3,057,114          | 1,010         | 975,108            | 1,747,206         | 4,219,667                            |
| Guyshorough.....             | 36               | 427,153            | 302           | 181,428            | 716,418           | 1,124,440                            |
| Halifax.....                 | 193              | 39,890,554         | 8,137         | 13,231,136         | 31,698,272        | 56,293,111                           |
| Hants.....                   | 60               | 3,955,809          | 844           | 816,885            | 2,261,896         | 3,965,432                            |
| Inverness.....               | 70               | 192,029            | 310           | 119,443            | 709,683           | 1,017,705                            |
| King's.....                  | 75               | 1,885,856          | 1,006         | 874,275            | 2,574,790         | 4,004,764                            |
| Laurenburg.....              | 128              | 3,203,148          | 1,640         | 1,917,881          | 4,172,082         | 8,203,441                            |
| Pictou.....                  | 98               | 33,773,137         | 7,305         | 13,258,815         | 14,636,304        | 32,900,516                           |
| Queen's.....                 | 27               | 15,276,152         | 1,596         | 2,964,426          | 2,848,208         | 8,904,088                            |
| Richmond.....                | 23               | 51,885             | 59            | 16,179             | 42,144            | 68,554                               |
| Shelburne.....               | 54               | 986,426            | 562           | 532,265            | 1,930,636         | 3,058,050                            |
| Victoria.....                | 30               | 135,305            | 183           | 104,494            | 182,645           | 314,567                              |
| Yarmouth.....                | 61               | 4,446,663          | 1,163         | 1,233,902          | 3,744,062         | 5,803,005                            |
| <b>Totals</b>                | <b>1,278</b>     | <b>179,363,703</b> | <b>37,445</b> | <b>55,265,712</b>  | <b>96,551,817</b> | <b>188,463,088</b>                   |
| <b>New Brunswick—</b>        |                  |                    |               |                    |                   |                                      |
| Albert.....                  | 15               | 1,152,435          | 177           | 173,250            | 698,177           | 1,412,801                            |
| Carleton.....                | 49               | 1,100,221          | 457           | 458,066            | 1,330,733         | 2,173,112                            |
| Charlotte.....               | 59               | 11,305,371         | 1,074         | 2,292,648          | 6,230,445         | 10,825,838                           |
| Gloucester.....              | 85               | 10,264,188         | 1,617         | 2,039,855          | 5,039,547         | 9,908,479                            |
| Kent.....                    | 48               | 305,582            | 318           | 169,428            | 888,974           | 1,289,588                            |
| Kings.....                   | 53               | 729,909            | 460           | 424,267            | 1,630,137         | 2,839,310                            |

<sup>1</sup> Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1943—continued

| County                                      | Estab-<br>lish-<br>ments | Capital            | Emp-<br>loyees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross Value<br>of<br>Products <sup>1</sup> |
|---|--------------------------|--------------------|----------------|--------------------------|-------------------------|--|
|   | No.                      | \$                 | No.            | \$                       | \$                      | \$   |
| <b>New Brunswick—con.</b>                   |                          |                    |                |                          |                         |  |
| Madawaska.....                              | 43                       | 9,280,000          | 1,102          | 1,077,090                | 4,715,441               | 9,354,581                                  |
| Northumberland.....                         | 59                       | 1,037,260          | 988            | 759,089                  | 2,332,941               | 3,576,879                                  |
| Queens.....                                 | 23                       | 517,484            | 314            | 338,356                  | 957,760                 | 1,090,018                                  |
| Restigouche.....                            | 48                       | 21,999,093         | 1,996          | 3,187,836                | 6,985,869               | 16,178,056                                 |
| St. John.....                               | 149                      | 33,763,911         | 7,859          | 11,335,824               | 30,124,717              | 53,478,646                                 |
| Sunbury.....                                | 8                        | 41,850             | 34             | 20,421                   | 89,438                  | 178,830                                    |
| Victoria.....                               | 22                       | 1,191,064          | 482            | 433,616                  | 1,068,517               | 1,097,759                                  |
| Westmorland.....                            | 123                      | 11,731,328         | 4,052          | 5,632,610                | 10,477,372              | 19,385,138                                 |
| York.....                                   | 78                       | 6,267,554          | 1,395          | 1,508,225                | 4,144,449               | 6,945,814                                  |
| <b>Totals</b>                               | <b>862</b>               | <b>110,287,910</b> | <b>23,225</b>  | <b>36,451,181</b>        | <b>76,711,513</b>       | <b>110,931,870</b>                         |
| <b>Quebec</b>                               |                          |                    |                |                          |                         |  |
| Abitibi.....                                | 174                      | 1,766,636          | 908            | 824,804                  | 2,493,699               | 4,094,525                                  |
| Argenteuil.....                             | 67                       | 15,882,711         | 4,597          | 7,066,580                | 8,593,018               | 19,186,804                                 |
| Beauport.....                               | 123                      | 5,941,993          | 2,008          | 2,722,440                | 8,167,850               | 13,179,002                                 |
| Beaufort.....                               | 74                       | 2,908,279          | 1,033          | 1,081,534                | 3,407,061               | 5,318,997                                  |
| Beauce.....                                 | 173                      | 3,281,151          | 1,799          | 1,487,915                | 4,152,246               | 6,939,670                                  |
| Beauharnois.....                            | 59                       | 57,898,888         | 8,840          | 13,025,069               | 23,878,681              | 46,263,466                                 |
| Bellechasse.....                            | 95                       | 583,956            | 271            | 177,841                  | 1,236,145               | 1,567,979                                  |
| Berthier.....                               | 96                       | 4,501,810          | 981            | 896,440                  | 2,407,894               | 4,848,721                                  |
| Bonaventure.....                            | 95                       | 1,316,031          | 609            | 570,198                  | 1,614,329               | 3,132,308                                  |
| Brome.....                                  | 40                       | 604,978            | 221            | 185,724                  | 865,393                 | 1,196,947                                  |
| Chambly.....                                | 47                       | 48,852,521         | 11,032         | 21,003,172               | 10,612,825              | 41,886,010                                 |
| Champlain.....                              | 179                      | 56,324,116         | 6,530          | 8,577,274                | 23,445,348              | 36,291,575                                 |
| Charlevoix East.....                        | 46                       | 3,687,613          | 378            | 462,355                  | 930,667                 | 2,227,429                                  |
| Charlevoix West.....                        | 32                       | 161,238            | 65             | 42,147                   | 151,540                 | 229,318                                    |
| Chateauguay.....                            | 31                       | 819,005            | 312            | 203,094                  | 1,039,179               | 1,819,985                                  |
| Chenouville.....                            | 161                      | 209,202,087        | 14,400         | 23,925,212               | 100,382,505             | 179,981,911                                |
| Compton.....                                | 66                       | 5,028,418          | 1,449          | 1,785,967                | 4,962,047               | 8,458,586                                  |
| Deux Montagnes.....                         | 39                       | 558,921            | 179            | 140,810                  | 825,942                 | 1,126,968                                  |
| Dorchester.....                             | 106                      | 1,059,958          | 424            | 318,989                  | 1,584,495               | 2,264,728                                  |
| Drummond.....                               | 84                       | 20,652,300         | 6,583          | 8,025,238                | 11,404,963              | 29,835,208                                 |
| Frontenac.....                              | 96                       | 1,374,053          | 844            | 790,398                  | 2,021,014               | 3,182,833                                  |
| Gaspé East.....                             | 128                      | 4,067,601          | 1,108          | 1,092,544                | 3,251,407               | 5,890,429                                  |
| Gaspé West.....                             | 27                       | 1,712,836          | 271            | 232,445                  | 718,321                 | 1,223,349                                  |
| Gatineau.....                               | 46                       | 368,919            | 181            | 124,790                  | 602,684                 | 1,016,359                                  |
| Hull.....                                   | 77                       | 53,680,506         | 5,161          | 8,037,714                | 20,226,614              | 39,017,555                                 |
| Huntingdon.....                             | 33                       | 1,559,921          | 562            | 780,063                  | 2,616,889               | 4,191,199                                  |
| Iberville.....                              | 32                       | 857,782            | 200            | 254,634                  | 1,029,479               | 1,543,155                                  |
| Jesus Island.....                           | 20                       | 789,880            | 216            | 99,244                   | 371,639                 | 774,864                                    |
| Joliette.....                               | 113                      | 6,135,532          | 2,356          | 2,570,823                | 5,482,614               | 10,692,285                                 |
| Kamouraska.....                             | 79                       | 1,018,982          | 477            | 371,498                  | 1,168,298               | 1,938,835                                  |
| Labelle.....                                | 77                       | 721,584            | 315            | 228,804                  | 1,263,899               | 1,888,085                                  |
| Lac St. Jean East.....                      | 77                       | 25,160,192         | 953            | 1,520,566                | 5,222,063               | 10,385,438                                 |
| Lac St. Jean West.....                      | 134                      | 13,555,761         | 945            | 1,249,202                | 3,753,294               | 7,550,282                                  |
| Laprairie.....                              | 29                       | 3,733,377          | 530            | 717,714                  | 2,137,664               | 3,886,630                                  |
| L'Assomption.....                           | 58                       | 75,382,647         | 9,374          | 14,279,447               | 7,899,632               | 105,675,174                                |
| L'Évis.....                                 | 67                       | 22,849,473         | 5,901          | 9,044,446                | 11,230,924              | 29,595,593                                 |
| L'Islet.....                                | 87                       | 1,249,816          | 519            | 493,731                  | 986,659                 | 1,862,473                                  |
| Lotbinière.....                             | 93                       | 784,537            | 384            | 246,512                  | 1,831,591               | 2,565,636                                  |
| Madeline Islands.....                       | 21                       | 156,650            | 200            | 114,865                  | 649,001                 | 1,017,928                                  |
| Muskegoné.....                              | 68                       | 2,325,874          | 1,086          | 1,037,677                | 3,179,734               | 6,144,169                                  |
| Matane.....                                 | 71                       | 2,545,125          | 859            | 852,927                  | 1,069,159               | 4,100,825                                  |
| Matapédia.....                              | 66                       | 1,181,740          | 526            | 396,359                  | 1,524,195               | 2,226,842                                  |
| Mégantic.....                               | 100                      | 2,616,545          | 1,224          | 1,198,355                | 2,320,801               | 4,450,430                                  |
| Missisquoi.....                             | 64                       | 10,950,966         | 2,742          | 3,124,946                | 7,937,778               | 14,678,424                                 |
| Montcalm.....                               | 56                       | 841,250            | 282            | 1,029,188                | 1,770,177               | 1,376,171                                  |
| Montmagny.....                              | 78                       | 3,460,313          | 1,411          | 1,470,811                | 2,887,325               | 5,956,589                                  |
| Montmorency No. 1.....                      | 48                       | 11,390,288         | 526            | 755,270                  | 1,411,095               | 4,037,026                                  |
| Montmorency No. 2 (Isle<br>of Orleans)..... | 17                       | 198,253            | 84             | 98,161                   | 243,610                 | 568,587                                    |
| Montreal.....                               | 3,169                    | 892,068,398        | 230,629        | 371,022,832              | 831,713,602             | 1,487,054,652                              |
| Napierville.....                            | 22                       | 941,946            | 289            | 259,903                  | 1,065,956               | 1,725,601                                  |
| Nicolas.....                                | 118                      | 1,961,771          | 690            | 601,394                  | 3,032,744               | 4,517,571                                  |
| Papineau.....                               | 93                       | 11,317,207         | 1,381          | 1,857,533                | 4,797,167               | 10,979,123                                 |
| Pontiac.....                                | 37                       | 762,320            | 271            | 215,539                  | 998,874                 | 1,602,967                                  |
| Portneuf.....                               | 161                      | 15,289,200         | 1,960          | 2,458,390                | 6,439,287               | 13,207,333                                 |
| Quebec.....                                 | 352                      | 116,773,900        | 28,928         | 37,820,500               | 45,704,061              | 115,827,643                                |
| Richebieu.....                              | 67                       | 89,647,728         | 9,368          | 17,338,171               | 20,991,265              | 59,449,211                                 |
| Richmond.....                               | 67                       | 10,805,069         | 2,182          | 2,923,309                | 7,457,493               | 14,026,809                                 |
| Rimouski.....                               | 134                      | 3,524,156          | 1,249          | 1,258,610                | 4,246,388               | 7,044,910                                  |
| Rivière-du-Loup.....                        | 104                      | 2,055,506          | 709            | 802,198                  | 2,559,277               | 4,045,450                                  |

<sup>1</sup> Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

## 12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1943—continued

| County                  | Estab-<br>lish-<br>ments | Capital              | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross Value<br>of<br>Products <sup>1</sup> |
|-------------------------|--------------------------|----------------------|----------------|--------------------------|-------------------------|--|
|                         | No.                      | \$                   | No.            | \$                       | \$                      | \$   |
| <b>Quebec—continued</b> |                          |                      |                |                          |                         |  |
| Rouville.....           | 69                       | 2,365,862            | 1,069          | 868,803                  | 3,237,750               | 4,687,990                                  |
| Saguenay.....           | 63                       | 28,096,651           | 952            | 1,504,415                | 4,571,268               | 10,907,102                                 |
| Shelford.....           | 117                      | 21,709,160           | 5,694          | 6,528,458                | 15,157,239              | 35,128,538                                 |
| Sherbrooke.....         | 102                      | 29,640,748           | 8,408          | 11,017,604               | 19,434,600              | 41,639,836                                 |
| Soulanges.....          | 26                       | 589,428              | 150            | 163,383                  | 375,770                 | 1,044,264                                  |
| Stamstead.....          | 83                       | 10,487,074           | 4,524          | 5,562,737                | 24,523,190              | 39,428,221                                 |
| St. Hyacinthe.....      | 126                      | 11,795,094           | 5,257          | 5,433,790                | 13,508,525              | 24,176,405                                 |
| St. Jean.....           | 73                       | 15,472,362           | 4,290          | 5,612,974                | 8,598,052               | 18,305,572                                 |
| St. Maurice.....        | 159                      | 133,571,809          | 13,949         | 21,318,706               | 58,101,358              | 118,298,311                                |
| Témiscoungue.....       | 85                       | 47,746,462           | 1,792          | 3,177,699                | 28,660,242              | 39,512,509                                 |
| Témiscouata.....        | 81                       | 1,123,791            | 735            | 686,782                  | 1,847,907               | 3,166,632                                  |
| Terrebonne.....         | 152                      | 82,625,307           | 8,048          | 10,805,845               | 59,788,520              | 83,437,319                                 |
| Vaudreuil.....          | 42                       | 767,139              | 315            | 267,115                  | 637,114                 | 1,510,503                                  |
| Verclères.....          | 58                       | 7,256,561            | 1,268          | 1,997,616                | 6,323,836               | 10,771,712                                 |
| Wolfe.....              | 73                       | 856,030              | 338            | 303,593                  | 1,120,335               | 1,716,026                                  |
| Yamaska.....            | 62                       | 765,936              | 236            | 212,841                  | 1,579,312               | 2,057,511                                  |
| <b>Totals.....</b>      | <b>9,372</b>             | <b>2,230,620,386</b> | <b>137,247</b> | <b>658,323,620</b>       | <b>1,483,627,797</b>    | <b>2,852,191,853</b>                       |
| <b>Ontario—</b>         |                          |                      |                |                          |                         |  |
| Aldington.....          | 33                       | 1,042,817            | 262            | 291,338                  | 1,288,256               | 2,070,702                                  |
| Algoma.....             | 86                       | 66,948,286           | 5,461          | 10,772,197               | 19,567,454              | 59,309,659                                 |
| Brant.....              | 118                      | 55,828,587           | 15,306         | 24,300,512               | 30,484,679              | 73,133,858                                 |
| Bruce.....              | 146                      | 6,913,381            | 2,459          | 2,746,994                | 7,094,674               | 11,015,030                                 |
| Carleton.....           | 305                      | 40,027,386           | 12,243         | 9,175,978                | 26,203,475              | 60,007,972                                 |
| Cochrane.....           | 96                       | 63,334,009           | 2,812          | 5,325,724                | 11,021,199              | 28,807,775                                 |
| Dufferin.....           | 34                       | 1,073,147            | 274            | 245,364                  | 1,368,449               | 1,856,046                                  |
| Dundas.....             | 62                       | 2,230,037            | 422            | 513,435                  | 4,013,049               | 5,425,999                                  |
| Durham.....             | 82                       | 8,789,052            | 1,607          | 2,436,386                | 4,354,103               | 10,954,503                                 |
| Elgin.....              | 67                       | 6,870,000            | 2,200          | 2,828,612                | 7,990,262               | 14,569,947                                 |
| Essex.....              | 304                      | 228,544,429          | 41,016         | 89,456,438               | 260,200,610             | 442,134,796                                |
| Frontenac.....          | 107                      | 33,898,827           | 6,989          | 9,842,452                | 21,354,664              | 47,126,119                                 |
| Glengarry.....          | 92                       | 752,001              | 379            | 301,448                  | 2,451,168               | 3,130,575                                  |
| Grenville.....          | 55                       | 6,523,417            | 1,410          | 1,855,876                | 7,549,954               | 11,370,761                                 |
| Grey.....               | 169                      | 14,157,750           | 4,480          | 5,790,079                | 10,524,449              | 21,206,106                                 |
| Haldimand.....          | 58                       | 6,255,060            | 1,139          | 1,494,717                | 4,483,423               | 8,147,171                                  |
| Haliburton.....         | 30                       | 726,612              | 265            | 274,386                  | 533,582                 | 1,085,518                                  |
| Haltim.....             | 85                       | 15,933,461           | 3,111          | 4,327,942                | 14,142,427              | 25,789,650                                 |
| Hastings.....           | 218                      | 29,526,209           | 6,483          | 8,786,788                | 20,073,822              | 40,858,222                                 |
| Huron.....              | 134                      | 5,639,500            | 1,571          | 1,781,327                | 9,724,701               | 13,033,809                                 |
| Kenora.....             | 50                       | 17,483,386           | 1,297          | 2,285,066                | 16,892,377              | 23,508,635                                 |
| Kent.....               | 140                      | 29,948,196           | 6,019          | 9,296,205                | 24,853,621              | 45,227,066                                 |
| Lambton.....            | 125                      | 82,761,812           | 5,961          | 10,597,949               | 47,623,201              | 72,845,723                                 |
| Lanark.....             | 107                      | 11,840,333           | 3,493          | 4,692,085                | 10,447,519              | 19,474,662                                 |
| Leeds.....              | 132                      | 10,798,899           | 2,934          | 3,865,638                | 16,020,620              | 25,176,617                                 |
| Lennox.....             | 41                       | 1,237,230            | 466            | 501,890                  | 1,264,817               | 2,308,429                                  |
| Lincoln.....            | 176                      | 63,156,341           | 14,533         | 26,126,664               | 58,629,371              | 111,414,698                                |
| Manitoulin.....         | 19                       | 175,972              | 61             | 41,164                   | 277,620                 | 401,190                                    |
| Midlesex.....           | 325                      | 51,240,408           | 14,404         | 20,989,935               | 41,271,620              | 89,750,899                                 |
| Muskoka.....            | 56                       | 4,486,586            | 1,104          | 1,275,088                | 3,797,710               | 6,359,107                                  |
| Nipissing.....          | 70                       | 4,249,284            | 1,219          | 1,583,388                | 3,296,265               | 6,251,245                                  |
| Norfolk.....            | 69                       | 12,336,902           | 1,843          | 2,276,301                | 17,866,767              | 23,764,236                                 |
| Northumberland.....     | 118                      | 5,407,567            | 1,528          | 1,795,224                | 6,273,178               | 10,263,974                                 |
| Ontario.....            | 114                      | 129,751,690          | 14,854         | 27,073,133               | 186,350,125             | 240,581,155                                |
| Oxford.....             | 176                      | 21,466,795           | 6,480          | 9,405,183                | 26,348,225              | 46,224,687                                 |
| Parry Sound.....        | 72                       | 21,332,124           | 3,296          | 9,479,074                | 6,713,196               | 13,812,281                                 |
| Peel.....               | 68                       | 66,192,297           | 7,855          | 13,147,696               | 14,197,872              | 29,488,374                                 |
| Perth.....              | 165                      | 17,982,711           | 4,989          | 7,112,857                | 18,084,154              | 29,621,641                                 |
| Peterborough.....       | 137                      | 50,536,416           | 9,916          | 15,910,998               | 53,002,121              | 93,878,620                                 |
| Prescott.....           | 113                      | 6,992,545            | 946            | 1,299,345                | 5,185,164               | 7,885,480                                  |
| Prince Edward.....      | 72                       | 3,021,633            | 792            | 947,094                  | 3,117,112               | 4,885,234                                  |
| Rainy River.....        | 39                       | 12,017,742           | 894            | 1,562,343                | 2,908,344               | 7,013,494                                  |
| Renfrew.....            | 174                      | 17,517,135           | 3,662          | 4,518,885                | 10,077,565              | 18,978,846                                 |
| Russell.....            | 69                       | 711,064              | 290            | 213,735                  | 1,717,576               | 2,247,275                                  |
| Simcoe.....             | 188                      | 20,126,886           | 6,418          | 9,265,170                | 18,235,143              | 35,745,084                                 |
| Stromont.....           | 95                       | 34,073,001           | 5,451          | 7,538,320                | 14,219,836              | 30,421,968                                 |
| Sudbury.....            | 120                      | 93,861,501           | 7,147          | 12,912,587               | 87,303,333              | 108,640,789                                |
| Thunder Bay.....        | 147                      | 54,795,208           | 9,969          | 18,147,918               | 21,952,396              | 58,256,835                                 |
| Timiskaming.....        | 81                       | 4,019,637            | 1,058          | 1,324,447                | 4,028,984               | 4,134,379                                  |
| Victoria.....           | 69                       | 6,875,400            | 2,007          | 2,486,809                | 4,932,417               | 9,643,833                                  |

<sup>1</sup> Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1943—continued

| County                    | Estab-         | Capital              | Em-            | Salaries           | Cost                 | Gross Value          |
|---------------------------|----------------|----------------------|----------------|--------------------|----------------------|----------------------|
|                           | lish-<br>ments |                      | ployees        | and<br>Wages       | of<br>Materials      |                      |
|                           | No.            | \$                   | No.            | \$                 | \$                   | \$                   |
| <b>Ontario—continued</b>  |                |                      |                |                    |                      |                      |
| Waterloo.....             | 430            | 96,358,974           | 25,761         | 38,172,344         | 83,680,225           | 162,070,956          |
| Welland.....              | 245            | 208,259,228          | 27,240         | 50,510,045         | 162,530,573          | 308,949,047          |
| Wellington.....           | 197            | 21,080,112           | 7,382          | 10,151,581         | 22,996,618           | 43,738,515           |
| Wentworth.....            | 542            | 328,101,616          | 56,610         | 98,594,341         | 168,199,382          | 373,034,472          |
| York.....                 | 3,520          | 898,459,193          | 202,216        | 342,488,536        | 651,250,470          | 1,280,711,250        |
| District of Patricia..... | 5              | 31,573               | 18             | 9,125              | 14,531               | 34,608               |
| <b>Totals.....</b>        | <b>10,387</b>  | <b>2,994,953,988</b> | <b>570,017</b> | <b>956,399,212</b> | <b>2,275,871,511</b> | <b>4,221,101,063</b> |
| <b>Manitoba</b>           |                |                      |                |                    |                      |                      |
| Division No. 1.....       | 51             | 314,107              | 177            | 108,070            | 870,979              | 1,100,713            |
| Division No. 2.....       | 35             | 474,701              | 143            | 146,613            | 932,515              | 1,286,701            |
| Division No. 3.....       | 22             | 254,866              | 90             | 86,614             | 728,496              | 908,880              |
| Division No. 4.....       | 11             | 78,567               | 35             | 33,390             | 206,708              | 269,841              |
| Division No. 5.....       | 41             | 35,153,422           | 4,543          | 8,083,598          | 10,900,199           | 22,636,470           |
| Division No. 6.....       | 773            | 126,028,710          | 28,779         | 41,481,711         | 108,800,817          | 259,104,788          |
| Division No. 7.....       | 43             | 3,223,512            | 709            | 865,536            | 4,803,732            | 6,700,357            |
| Division No. 8.....       | 12             | 2,095,336            | 61             | 67,945             | 797,310              | 992,326              |
| Division No. 9.....       | 18             | 3,069,002            | 1,187          | 1,740,180          | 1,684,295            | 4,665,263            |
| Division No. 10.....      | 23             | 817,151              | 159            | 172,484            | 788,684              | 1,397,085            |
| Division No. 11.....      | 19             | 270,481              | 80             | 74,265             | 863,842              | 1,037,455            |
| Division No. 12.....      | 39             | 248,021              | 120            | 71,241             | 826,089              | 1,018,612            |
| Division No. 13.....      | 33             | 251,508              | 156            | 129,817            | 677,001              | 1,025,272            |
| Division No. 14.....      | 37             | 229,178              | 145            | 85,489             | 822,359              | 1,069,432            |
| Division No. 15.....      | 20             | 100,794              | 74             | 43,620             | 421,669              | 614,478              |
| Division No. 16.....      | 48             | 2,043,021            | 548            | 651,225            | 6,279,162            | 7,180,233            |
| <b>Totals.....</b>        | <b>1,245</b>   | <b>173,752,567</b>   | <b>37,003</b>  | <b>53,841,825</b>  | <b>209,461,756</b>   | <b>304,867,912</b>   |
| <b>Saskatchewan</b>       |                |                      |                |                    |                      |                      |
| Division No. 1.....       | 26             | 1,254,101            | 194            | 145,998            | 2,759,698            | 1,137,892            |
| Division No. 2.....       | 12             | 473,046              | 89             | 90,199             | 790,046              | 1,056,358            |
| Division No. 3.....       | 12             | 131,377              | 34             | 27,231             | 92,514               | 157,487              |
| Division No. 4.....       | 11             | 105,213              | 26             | 27,463             | 194,892              | 354,818              |
| Division No. 5.....       | 36             | 498,132              | 162            | 152,117            | 1,770,847            | 2,144,200            |
| Division No. 6.....       | 114            | 18,964,499           | 3,461          | 5,759,085          | 23,445,800           | 35,970,087           |
| Division No. 7.....       | 50             | 8,149,984            | 1,492          | 2,220,671          | 25,790,102           | 31,837,753           |
| Division No. 8.....       | 20             | 453,695              | 120            | 141,469            | 970,208              | 1,367,054            |
| Division No. 9.....       | 47             | 1,151,955            | 347            | 359,964            | 1,825,619            | 2,579,354            |
| Division No. 10.....      | 18             | 221,551              | 72             | 67,265             | 841,232              | 997,667              |
| Division No. 11.....      | 95             | 10,657,829           | 2,027          | 2,871,794          | 21,909,578           | 30,789,543           |
| Division No. 12.....      | 18             | 382,163              | 55             | 68,057             | 786,817              | 1,013,678            |
| Division No. 13.....      | 17             | 159,828              | 54             | 50,019             | 315,260              | 400,894              |
| Division No. 14.....      | 127            | 1,581,654            | 827            | 663,734            | 1,871,979            | 3,326,892            |
| Division No. 15.....      | 68             | 4,242,211            | 1,437          | 1,996,782          | 10,765,122           | 14,230,299           |
| Division No. 16.....      | 48             | 995,454              | 432            | 568,738            | 1,431,864            | 2,010,234            |
| Division No. 17.....      | 40             | 291,478              | 161            | 95,373             | 645,599              | 913,722              |
| Division No. 18.....      | 9              | 10,448,324           | 509            | 985,643            | 16,828,376           | 20,260,365           |
| Unlocated Sawmills.....   | 292            | 505,000              | 274            | 124,154            | 391,432              | 967,003              |
| <b>Totals.....</b>        | <b>976</b>     | <b>69,674,093</b>    | <b>11,683</b>  | <b>16,645,866</b>  | <b>111,193,185</b>   | <b>152,123,360</b>   |
| <b>Alberta</b>            |                |                      |                |                    |                      |                      |
| Division No. 1.....       | 27             | 8,211,533            | 1,085          | 1,398,995          | 8,983,700            | 12,206,464           |
| Division No. 2.....       | 73             | 6,702,491            | 1,156          | 1,478,208          | 5,421,561            | 10,711,529           |
| Division No. 3.....       | 8              | 2,126,950            | 444            | 612,105            | 1,122,961            | 2,510,786            |
| Division No. 4.....       | 26             | 3,751,251            | 335            | 491,060            | 3,022,126            | 5,467,509            |
| Division No. 5.....       | 10             | 78,410               | 30             | 23,939             | 215,190              | 277,173              |
| Division No. 6.....       | 258            | 55,951,294           | 7,921          | 12,966,790         | 47,062,843           | 78,289,549           |
| Division No. 7.....       | 31             | 526,788              | 115            | 122,459            | 1,255,970            | 1,618,763            |
| Division No. 8.....       | 68             | 1,592,306            | 406            | 409,405            | 3,407,949            | 4,534,114            |
| Division No. 9.....       | 78             | 710,568              | 508            | 438,096            | 1,217,432            | 2,010,275            |
| Division No. 10.....      | 38             | 470,213              | 115            | 115,029            | 1,312,129            | 1,662,188            |

<sup>1</sup> Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

## 12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1943—concluded

| Province and Municipality | Estab-<br>lish-<br>ments | Capital            | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value of<br>Product <sup>1</sup> |
|---------------------------|--------------------------|--------------------|----------------|--------------------------|-------------------------|---|
|                           | No.                      | \$                 | No.            | \$                       | \$                      | \$  |
| <b>Alberta—continued</b>  |                          |                    |                |                          |                         |   |
| Division No. 11 .....     | 245                      | 28,801,341         | 6,962          | 10,126,992               | 64,812,295              | 85,734,599                                |
| Division No. 12 .....     | 61                       | 874,692            | 515            | 528,676                  | 1,038,867               | 2,030,852                                 |
| Division No. 13 .....     | 28                       | 189,085            | 84             | 47,653                   | 501,176                 | 624,980                                   |
| Division No. 14 .....     | 74                       | 587,743            | 327            | 237,039                  | 887,548                 | 1,414,654                                 |
| Division No. 15 .....     | 33                       | 501,993            | 270            | 253,544                  | 355,395                 | 863,312                                   |
| Division No. 16 .....     | 51                       | 423,061            | 234            | 157,869                  | 342,771                 | 741,763                                   |
| Division No. 17 .....     | 4                        | 17,790             | 11             | 6,509                    | 7,640                   | 28,084                                    |
| Unlocated .....           | 20                       | 15,000             | 95             | 76,000                   | 189,792                 | 431,558                                   |
| <b>Totals .....</b>       | <b>1,133</b>             | <b>111,682,419</b> | <b>26,613</b>  | <b>29,494,369</b>        | <b>142,667,651</b>      | <b>211,159,142</b>                        |
| <b>British Columbia</b>   |                          |                    |                |                          |                         |   |
| Division No. 1 .....      | 49                       | 2,073,619          | 749            | 1,002,254                | 1,360,680               | 3,304,125                                 |
| Division No. 2 .....      | 89                       | 53,301,977         | 5,700          | 11,128,246               | 33,594,562              | 62,971,604                                |
| Division No. 3 .....      | 141                      | 5,574,772          | 1,755          | 2,171,819                | 4,060,145               | 8,105,707                                 |
| Division No. 4 .....      | 1,170                    | 265,264,747        | 72,878         | 131,591,843              | 204,484,970             | 441,247,003                               |
| Division No. 5 .....      | 277                      | 65,405,180         | 14,031         | 26,259,044               | 27,434,265              | 83,500,448                                |
| Division No. 6 .....      | 67                       | 1,530,166          | 609            | 704,529                  | 1,230,366               | 2,445,531                                 |
| Division No. 7 .....      | 25                       | 52,848,416         | 3,043          | 6,175,245                | 13,301,402              | 29,127,234                                |
| Division No. 8 .....      | 84                       | 2,359,919          | 763            | 996,933                  | 1,164,693               | 2,754,685                                 |
| Division No. 9 .....      | 45                       | 11,288,324         | 2,632          | 5,602,429                | 7,813,599               | 18,262,020                                |
| Division No. 10 .....     | 14                       | 112,934            | 61             | 79,431                   | 91,007                  | 237,896                                   |
| <b>Totals .....</b>       | <b>1,961</b>             | <b>450,360,048</b> | <b>102,321</b> | <b>185,711,773</b>       | <b>291,445,065</b>      | <b>652,046,313</b>                        |

<sup>1</sup> Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

## APPENDIX I

### Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1913

#### MONTREAL

| Industry   | Estab-<br>lish-<br>ments | Capital     | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value of<br>Products |
|--|--------------------------|-------------|----------------|--------------------------|-------------------------|-------------------------------|
|  | No.                      | \$          | No.            | \$                       | \$                      | \$                            |
| <b>Vegetable Products—</b>                           |                          |             |                |                          |                         |                               |
| Aerated and mineral waters.....                      | 22                       | 3,885,746   | 818            | 1,390,077                | 1,796,859               | 7,310,431                     |
| Biscuits, confectionery, cocoa and<br>chocolate..... | 45                       | 9,628,585   | 3,074          | 3,450,970                | 10,395,048              | 18,770,528                    |
| Bread and other bakery products.....                 | 131                      | 5,759,045   | 2,813          | 3,450,939                | 5,997,935               | 12,559,471                    |
| Breweries.....                                       | 6                        | 24,650,881  | 2,508          | 4,973,514                | 6,058,712               | 21,165,311                    |
| Distilleries.....                                    | 3                        | 3,475,375   | 319            | 766,882                  | 1,468,988               | 2,281,319                     |
| Feeds, prepared stock and poultry                    | 9                        | 2,246,299   | 329            | 535,191                  | 9,189,403               | 10,724,134                    |
| Foods, miscellaneous.....                            | 51                       | 7,890,175   | 1,061          | 1,473,717                | 8,210,419               | 12,338,895                    |
| Fruit and vegetable preparations.....                | 25                       | 3,093,513   | 787            | 899,332                  | 3,627,650               | 5,216,385                     |
| Rubber goods, including rubber<br>footwear.....      | 5                        | 3,098,884   | 1,104          | 1,679,172                | 4,111,948               | 5,670,075                     |
| Tobacco, cigars and cigarettes.....                  | 31                       | 54,991,783  | 7,102          | 8,346,355                | 22,421,883              | 44,992,483                    |
| Vegetable oil mills.....                             | 3                        | 1,558,706   | 177            | 261,358                  | 3,376,288               | 4,244,073                     |
| All other vegetable products.....                    | 13                       | 23,364,990  | 1,480          | 2,779,255                | 34,084,445              | 41,876,716                    |
| Totals.....  | 344                      | 143,643,982 | 21,662         | 30,024,762               | 110,739,578             | 187,149,822                   |
| <b>Animal Products—</b>                              |                          |             |                |                          |                         |                               |
| Belting, leather.....                                | 6                        | 817,908     | 186            | 270,872                  | 574,076                 | 910,833                       |
| Boots and shoe findings, leather.....                | 8                        | 416,826     | 125            | 145,952                  | 118,224                 | 461,580                       |
| Boots and shoes, leather.....                        | 64                       | 10,247,434  | 6,575          | 7,793,488                | 15,014,702              | 26,095,085                    |
| Butter and cheese.....                               | 7                        | 4,088,024   | 1,198          | 1,890,947                | 4,451,961               | 7,913,944                     |
| Cheese, processed.....                               | 4                        | 169,972     | 55             | 66,706                   | 219,197                 | 347,166                       |
| Dairy products, other.....                           | 7                        | 548,686     | 99             | 147,965                  | 508,097                 | 1,017,470                     |
| Fur dressing and dyeing.....                         | 6                        | 1,192,904   | 515            | 601,701                  | 226,762                 | 1,310,888                     |
| Fur goods.....                                       | 161                      | 8,527,033   | 1,935          | 3,011,316                | 12,991,613              | 17,305,817                    |
| Gloves and mittens, leather.....                     | 18                       | 1,604,477   | 897            | 978,304                  | 1,593,250               | 3,076,406                     |
| Hair goods.....                                      | 6                        | 72,641      | 87             | 90,993                   | 189,787                 | 361,108                       |
| Leather tanneries.....                               | 5                        | 540,794     | 175            | 242,073                  | 834,251                 | 1,337,297                     |
| Miscellaneous leather goods.....                     | 59                       | 2,486,585   | 1,632          | 1,635,559                | 2,905,449               | 5,695,284                     |
| Sausage and sausage casings.....                     | 19                       | 335,832     | 140            | 185,331                  | 1,084,457               | 1,513,801                     |
| Slaughtering and meat packing.....                   | 17                       | 11,239,158  | 2,043          | 3,197,356                | 41,359,822              | 46,550,271                    |
| Totals.....  | 384                      | 42,198,274  | 15,662         | 20,357,573               | 81,151,858              | 113,755,959                   |
| <b>Textiles and Textile Products—</b>                |                          |             |                |                          |                         |                               |
| Awings, tents and sails.....                         | 15                       | 751,514     | 398            | 468,763                  | 1,398,209               | 2,240,179                     |
| Bags, cotton and jute.....                           | 8                        | 3,564,792   | 584            | 692,552                  | 6,435,408               | 8,120,604                     |
| Clothing, men's, factory.....                        | 190                      | 25,597,283  | 9,708          | 12,774,841               | 35,336,498              | 57,780,840                    |
| Clothing, women's, factory.....                      | 453                      | 20,452,084  | 16,631         | 20,460,505               | 46,097,040              | 82,120,778                    |
| Clothing contractors, men's.....                     | 75                       | 591,092     | 1,431          | 1,897,561                | 163,753                 | 2,375,979                     |
| Clothing contractors, women's.....                   | 44                       | 321,014     | 877            | 928,140                  | 30,760                  | 1,258,325                     |
| Corsets.....   | 7                        | 360,296     | 252            | 277,190                  | 341,711                 | 833,299                       |
| Cotton and wool waste.....                           | 9                        | 389,027     | 150            | 203,587                  | 805,039                 | 1,229,983                     |
| Cotton textiles, miscellaneous.....                  | 49                       | 2,351,085   | 1,087          | 1,099,946                | 3,287,015               | 5,211,909                     |
| Cotton thread.....                                   | 4                        | 3,346,090   | 741            | 840,937                  | 2,403,523               | 4,828,231                     |
| Cotton yarn and cloth.....                           | 5                        | 18,997,981  | 3,685          | 5,058,310                | 12,690,493              | 19,912,604                    |
| Dyeing and finishing of textiles.....                | 17                       | 679,042     | 251            | 375,592                  | 78,099                  | 696,488                       |
| Hats and caps.....                                   | 72                       | 3,924,633   | 2,465          | 3,012,591                | 4,983,456               | 9,438,393                     |
| Hosiery and knitted goods.....                       | 29                       | 4,074,220   | 1,986          | 2,043,359                | 3,720,773               | 7,204,899                     |
| Miscellaneous textiles.....                          | 6                        | 10,609,237  | 1,416          | 2,453,973                | 5,784,090               | 11,861,255                    |
| Narrow fabrics.....                                  | 9                        | 810,904     | 407            | 598,959                  | 414,892                 | 922,352                       |
| Oiled and waterproofed clothing.....                 | 6                        | 435,095     | 214            | 272,395                  | 732,533                 | 1,229,060                     |
| All other industries.....                            | 10                       | 8,957,342   | 549            | 1,152,211                | 1,420,064               | 2,488,260                     |
| Totals.....  | 1,008                    | 114,604,331 | 42,832         | 54,460,938               | 125,843,435             | 219,953,350                   |
| <b>Wood and Paper Products—</b>                      |                          |             |                |                          |                         |                               |
| Blueprinting.....                                    | 4                        | 116,419     | 59             | 97,584                   | 40,795                  | 218,877                       |
| Boxes and bags, paper.....                           | 24                       | 5,390,347   | 2,407          | 2,700,055                | 5,825,625               | 10,483,222                    |
| Boxes, wooden.....                                   | 0                        | 989,993     | 458            | 572,368                  | 948,181                 | 1,844,471                     |
| Carrriages, wagons and sleighs.....                  | 3                        | 62,361      | 26             | 39,268                   | 81,055                  | 84,730                        |
| Coverage.....  | 3                        | 198,671     | 65             | 87,247                   | 290,262                 | 529,008                       |
| Engraving, stereotyping and<br>electrotyping.....    | 23                       | 1,204,025   | 486            | 1,048,541                | 280,705                 | 1,859,839                     |
| Furniture.....                                       | 92                       | 3,001,023   | 1,560          | 2,214,407                | 2,580,211               | 6,238,254                     |
| Posts, trees and other wood shoe<br>findings.....    | 7                        | 828,399     | 422            | 486,849                  | 386,526                 | 980,606                       |
| Lithographing.....                                   | 6                        | 1,787,606   | 484            | 877,438                  | 1,110,637               | 2,622,337                     |

**Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued**
**MONTREAL—continued**

| Industry                                       | Estab-<br>lish-<br>ments | Capital     | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value<br>of<br>Products |
|--|--------------------------|-------------|----------------|--------------------------|-------------------------|----------------------------------|
|  | No.                      | \$          | No.            | \$                       | \$                      | \$                               |
| <b>Wood and Paper Products—conc.</b>           |                          |             |                |                          |                         |                                  |
| Miscellaneous paper products                   | 28                       | 1,955,102   | 671            | 838,101                  | 1,888,022               | 3,709,866                        |
| Miscellaneous wooden products                  | 22                       | 282,903     | 102            | 277,195                  | 211,047                 | 621,699                          |
| Planing mills, sash and door<br>factories      | 24                       | 2,056,067   | 615            | 881,872                  | 2,489,521               | 3,992,868                        |
| Printing and bookbinding                       | 262                      | 8,022,599   | 3,116          | 4,670,340                | 3,900,208               | 11,113,021                       |
| Printing and publishing                        | 21                       | 10,732,948  | 3,070          | 5,399,058                | 3,050,438               | 13,323,520                       |
| Refrigerators, other than gas and<br>electric  | 3                        | 129,421     | 96             | 135,142                  | 137,642                 | 410,649                          |
| Trade composition                              | 8                        | 254,654     | 114            | 204,590                  | 15,774                  | 335,583                          |
| Wood turning                                   | 3                        | 38,006      | 24             | 33,410                   | 39,190                  | 74,989                           |
| All other industries                           | 11                       | 3,016,472   | 1,026          | 2,520,130                | 1,263,450               | 3,008,422                        |
| Totals   | 520                      | 40,950,956  | 14,891         | 23,062,595               | 24,498,259              | 61,290,775                       |
| <b>Iron and Its Products—</b>                  |                          |             |                |                          |                         |                                  |
| Aircraft and aircraft parts                    | 11                       | 24,820,410  | 12,045         | 22,100,680               | 9,634,150               | 39,466,529                       |
| Automobile supplies                            | 6                        | 417,049     | 155            | 237,731                  | 280,223                 | 668,472                          |
| Boilers, tanks and platework                   | 6                        | 2,409,025   | 852            | 1,749,632                | 1,961,344               | 4,860,361                        |
| Castings, iron                                 | 12                       | 14,054,282  | 1,952          | 3,501,268                | 5,244,265               | 12,631,881                       |
| Hardware, tools and cutlery                    | 29                       | 13,150,330  | 4,941          | 8,831,111                | 5,414,865               | 20,252,987                       |
| Heating and cooking apparatus                  | 3                        | 550,232     | 88             | 175,263                  | 210,827                 | 541,495                          |
| Iron and steel products,<br>miscellaneous      | 32                       | 42,499,440  | 5,509          | 10,908,774               | 99,803,636              | 120,257,156                      |
| Machinery                                      | 22                       | 7,283,537   | 1,940          | 3,853,868                | 4,354,873               | 11,391,503                       |
| Machine shops                                  | 56                       | 3,410,053   | 1,618          | 3,022,921                | 771,541                 | 5,384,604                        |
| Primary iron and steel                         | 5                        | 15,680,848  | 2,957          | 6,119,992                | 6,390,413               | 14,217,811                       |
| Railway rolling-stock                          | 6                        | 48,317,278  | 14,485         | 28,388,553               | 46,736,470              | 80,511,222                       |
| Sheet metal products                           | 27                       | 15,809,861  | 3,762          | 5,749,201                | 8,421,810               | 18,246,746                       |
| Shipbuilding and repairs                       | 6                        | 31,791,878  | 11,705         | 25,529,210               | 29,935,612              | 61,945,009                       |
| Wire and wire goods                            | 13                       | 4,400,270   | 587            | 910,820                  | 871,722                 | 3,744,497                        |
| All other industries                           | 4                        | 241,757     | 154            | 237,739                  | 130,519                 | 577,201                          |
| Totals   | 238                      | 224,861,329 | 62,750         | 121,316,763              | 220,162,276             | 394,698,374                      |
| <b>Non-Ferrous Metal Products—</b>             |                          |             |                |                          |                         |                                  |
| Brass and copper products                      | 29                       | 11,520,044  | 4,292          | 7,888,847                | 15,229,052              | 30,075,451                       |
| Electrical apparatus and supplies              | 35                       | 51,764,550  | 14,879         | 25,132,308               | 41,508,275              | 71,292,951                       |
| Jewellery and silverware                       | 37                       | 1,906,281   | 836            | 1,092,605                | 1,597,519               | 3,392,462                        |
| Miscellaneous non-ferrous metal<br>products    | 4                        | 292,876     | 150            | 241,093                  | 388,021                 | 723,524                          |
| White metal alloys                             | 8                        | 1,835,876   | 240            | 455,221                  | 2,857,338               | 4,145,417                        |
| Totals   | 113                      | 67,319,636  | 20,403         | 34,810,974               | 61,580,205              | 109,629,805                      |
| <b>Non-Metallic Mineral Products—</b>          |                          |             |                |                          |                         |                                  |
| Cement products                                | 10                       | 674,622     | 183            | 294,002                  | 378,741                 | 910,242                          |
| Glass products                                 | 18                       | 4,484,109   | 1,070          | 1,549,831                | 1,425,069               | 3,778,240                        |
| Miscellaneous non-metallic mineral<br>products | 7                        | 546,284     | 101            | 153,423                  | 300,372                 | 688,300                          |
| Stone products                                 | 11                       | 484,769     | 80             | 123,062                  | 85,996                  | 280,207                          |
| All other industries                           | 8                        | 8,776,503   | 687            | 1,376,678                | 4,898,431               | 12,209,788                       |
| Totals   | 54                       | 14,968,287  | 2,121          | 3,497,896                | 7,088,609               | 17,920,783                       |
| <b>Chemical Products—</b>                      |                          |             |                |                          |                         |                                  |
| Adhesives                                      | 5                        | 789,733     | 129            | 183,603                  | 381,600                 | 955,167                          |
| Gases, compressed                              | 6                        | 2,322,896   | 287            | 487,800                  | 213,683                 | 1,914,270                        |
| Inks, printing and writing                     | 6                        | 371,801     | 77             | 137,051                  | 224,575                 | 510,103                          |
| Medicinal and pharmaceutical<br>preparations   | 61                       | 12,227,286  | 2,152          | 3,173,689                | 6,810,378               | 15,260,516                       |
| Miscellaneous chemical products                | 22                       | 776,600     | 218            | 339,748                  | 564,573                 | 1,172,015                        |
| Paints, pigments and varnishes                 | 23                       | 15,316,659  | 1,743          | 3,059,875                | 8,424,477               | 17,485,594                       |
| Polishes and dressings                         | 4                        | 734,650     | 104            | 114,049                  | 551,833                 | 884,132                          |
| Soaps and washing compounds                    | 26                       | 1,773,197   | 382            | 620,149                  | 938,306                 | 2,942,396                        |
| Toilet preparations                            | 23                       | 3,258,470   | 614            | 681,444                  | 1,627,848               | 4,531,150                        |
| All other industries                           | 7                        | 24,028,980  | 4,938          | 6,769,311                | 7,658,373               | 19,128,165                       |
| Totals   | 188                      | 61,600,338  | 10,644         | 15,575,719               | 27,095,828              | 64,783,508                       |



## Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1913—continued

MONTREAL—Continued

| Industry                                    | Estab-lish-ments | Capital            | Em-ploy-ees    | Salaries and Wages | Cost of Materials  | Gross Value of Products |
|---|------------------|--------------------|----------------|--------------------|--------------------|-------------------------|
|   |                  | \$                 | No.            | \$                 | \$                 | \$                      |
| <b>Miscellaneous Industries—</b>            |                  |                    |                |                    |                    |                         |
| Artificial flowers and feathers.....        | 14               | 493,300            | 404            | 385,421            | 379,803            | 1,100,110               |
| Brooms, brushes and mops.....               | 19               | 555,363            | 328            | 326,752            | 642,731            | 1,151,986               |
| Buttons.....                                | 13               | 522,052            | 357            | 409,172            | 412,430            | 1,104,355               |
| Candles.....                                | 4                | 137,644            | 60             | 73,847             | 140,462            | 290,107                 |
| Ice, manufactured.....                      | 4                | 335,715            | 134            | 196,877            | 8,298              | 207,888                 |
| Lamps, electric and lamp shades.....        | 7                | 248,698            | 155            | 160,977            | 199,890            | 406,691                 |
| Mattresses and springs.....                 | 13               | 4,135,210          | 945            | 1,490,154          | 3,440,090          | 6,159,338               |
| Pipes, tobacco.....                         | 3                | 55,390             | 33             | 31,220             | 34,861             | 85,443                  |
| Regalia and society emblems.....            | 3                | 52,359             | 11             | 16,538             | 18,550             | 53,317                  |
| Scientific and professional equip-ment..... | 7                | 521,409            | 179            | 265,930            | 134,345            | 497,631                 |
| Signs, electric, neon and other.....        | 5                | 846,237            | 71             | 118,216            | 15,097             | 323,567                 |
| Sporting goods.....                         | 4                | 283,768            | 204            | 183,745            | 449,200            | 720,641                 |
| Stamps and stencils, rubber and metal.....  | 9                | 277,188            | 84             | 135,857            | 40,791             | 247,547                 |
| Statuary, art goods and novelties.....      | 17               | 240,723            | 223            | 213,996            | 97,887             | 387,684                 |
| Store and display accessories.....          | 4                | 63,368             | 25             | 24,857             | 18,793             | 51,598                  |
| Toys and toy equipment.....                 | 5                | 88,308             | 84             | 68,798             | 120,440            | 228,050                 |
| All other industries.....                   | 9                | 2,159,542          | 381            | 683,054            | 878,340            | 1,937,123               |
| Totals.....                                 | 143              | 11,076,294         | 3,678          | 4,785,411          | 7,040,887          | 14,056,076              |
| <b>Totals, Montreal.....</b>                | <b>2,992</b>     | <b>721,223,127</b> | <b>194,643</b> | <b>307,922,631</b> | <b>665,209,935</b> | <b>1,184,114,458</b>    |

## TORONTO

|  |     |            |        |            |             |             |
|--|-----|------------|--------|------------|-------------|-------------|
| <b>Vegetable Products—</b>                   |     |            |        |            |             |             |
| Aerated and mineral waters.....              | 17  | 4,401,397  | 893    | 1,578,025  | 1,938,372   | 6,088,194   |
| Biscuits, confectionery, cocoa, etc.         | 40  | 22,454,370 | 5,255  | 6,846,372  | 15,599,543  | 32,065,910  |
| Bread and other bakery products.....         | 258 | 11,474,833 | 5,458  | 7,314,064  | 11,297,228  | 24,143,881  |
| Breweries.....                               | 5   | 8,739,805  | 562    | 1,194,662  | 1,276,141   | 6,256,253   |
| Feeds, prepared, stock and poultry.....      | 11  | 2,777,998  | 371    | 622,578    | 5,533,380   | 6,927,428   |
| Flour and feed mills.....                    | 6   | 3,771,335  | 348    | 583,618    | 5,430,199   | 6,650,016   |
| Food, breakfast.....                         | 5   | 194,529    | 63     | 77,032     | 130,899     | 377,634     |
| Food, miscellaneous.....                     | 62  | 11,891,539 | 1,735  | 2,710,890  | 12,085,695  | 18,736,520  |
| Fruit and vegetable preparations.....        | 19  | 1,030,809  | 297    | 307,470    | 985,552     | 1,563,943   |
| Macaroni, vermicelli, etc.....               | 3   | 256,420    | 98     | 117,400    | 273,299     | 432,332     |
| Rubber goods, including rubber footwear..... | 11  | 16,444,370 | 3,088  | 5,440,986  | 9,229,440   | 19,310,580  |
| Tobacco, cigars and cigarettes.....          | 10  | 2,874,329  | 499    | 546,198    | 1,118,810   | 2,488,098   |
| Wine.....                                    | 5   | 899,334    | 85     | 163,166    | 157,015     | 423,004     |
| All other industries.....                    | 4   | 6,243,293  | 318    | 673,612    | 4,389,700   | 7,280,929   |
| Totals.....                                  | 456 | 63,364,367 | 19,070 | 28,176,074 | 69,355,072  | 132,747,137 |
| <b>Animal Products—</b>                      |     |            |        |            |             |             |
| Belting, leather.....                        | 5   | 336,108    | 96     | 146,064    | 392,334     | 699,257     |
| Boots and shoes, leather.....                | 23  | 1,569,771  | 1,039  | 1,344,742  | 1,967,732   | 3,851,386   |
| Butter and cheese.....                       | 10  | 7,337,416  | 1,607  | 2,970,219  | 7,251,754   | 12,139,010  |
| Cheese, processed.....                       | 4   | 509,623    | 191    | 245,029    | 5,006,489   | 6,377,055   |
| Dairy products, other.....                   | 11  | 213,950    | 51     | 62,922     | 200,237     | 366,993     |
| Fur dressing and dyeing.....                 | 5   | 455,940    | 302    | 431,677    | 195,056     | 842,465     |
| Fur goods.....                               | 162 | 6,414,285  | 1,387  | 2,451,875  | 9,699,694   | 13,907,097  |
| Gloves and mittens, leather.....             | 5   | 100,509    | 55     | 58,626     | 102,599     | 213,546     |
| Leather tanneries.....                       | 5   | 2,273,283  | 447    | 704,069    | 2,094,280   | 3,561,090   |
| Miscellaneous leather goods.....             | 61  | 2,990,024  | 1,610  | 1,800,968  | 3,265,034   | 6,373,215   |
| Sausage and sausage casings.....             | 15  | 373,458    | 75     | 109,512    | 757,699     | 957,110     |
| Slaughtering and meat packing.....           | 22  | 30,316,123 | 3,438  | 6,371,037  | 75,305,510  | 55,717,790  |
| All other industries.....                    | 7   | 345,369    | 100    | 164,090    | 452,325     | 801,398     |
| Totals.....                                  | 335 | 53,244,859 | 10,398 | 16,859,930 | 106,696,649 | 135,734,622 |
| <b>Textiles and Textile Products—</b>        |     |            |        |            |             |             |
| Awnings, tents and sails.....                | 14  | 432,692    | 210    | 249,057    | 429,998     | 808,268     |
| Bags, cotton and jute.....                   | 7   | 1,215,882  | 208    | 235,573    | 2,044,044   | 2,544,583   |
| Clothing, men's factory.....                 | 87  | 12,901,305 | 7,168  | 10,682,111 | 20,154,411  | 34,678,692  |
| Clothing, women's factory.....               | 244 | 10,487,768 | 6,309  | 9,087,885  | 16,528,595  | 31,356,884  |
| Clothing contractors, men's.....             | 10  | 40,859     | 73     | 98,721     | 7,681       | 128,793     |
| Clothing contractors, women's.....           | 13  | 76,809     | 131    | 194,386    | 21,537      | 334,258     |

## Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

TORONTO—Continued

| Industry                                       | Estab-<br>lish-<br>ments | Capital     | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value<br>of<br>Products |
|--|--------------------------|-------------|----------------|--------------------------|-------------------------|----------------------------------|
|  | No.                      | \$          | No.            | \$                       | \$                      | \$                               |
| <b>Textiles and Textile Products—</b>          |                          |             |                |                          |                         |                                  |
| concluded                                      |                          |             |                |                          |                         |                                  |
| Corsets  | 12                       | 1,018,217   | 460            | 548,600                  | 750,866                 | 1,708,337                        |
| Cotton and wool waste                          | 8                        | 1,133,355   | 185            | 335,968                  | 2,317,345               | 3,014,202                        |
| Cotton textiles, miscellaneous                 | 28                       | 2,094,339   | 694            | 756,306                  | 1,930,185               | 3,402,157                        |
| Dyeing and finishing of textiles               | 9                        | 1,776,813   | 320            | 611,527                  | 141,304                 | 1,143,138                        |
| Hats and caps                                  | 63                       | 2,242,533   | 1,354          | 1,852,203                | 2,835,469               | 5,690,823                        |
| Hosiery and knitted goods                      | 44                       | 8,325,592   | 3,004          | 3,601,570                | 6,544,558               | 11,997,937                       |
| Miscellaneous textiles                         | 3                        | 1,224,536   | 244            | 306,900                  | 629,002                 | 1,209,023                        |
| Narrow fabrics                                 | 13                       | 901,230     | 265            | 344,396                  | 421,641                 | 1,264,498                        |
| Oiled and waterproofed clothing                | 4                        | 1,069,000   | 589            | 768,139                  | 2,403,109               | 3,635,017                        |
| Woolen cloth                                   | 5                        | 2,797,463   | 667            | 975,305                  | 3,057,001               | 4,411,453                        |
| Woolen goods, miscellaneous                    | 12                       | 1,951,260   | 453            | 767,426                  | 3,692,065               | 4,928,068                        |
| Woolen yarn                                    | 4                        | 3,315,544   | 650            | 777,761                  | 2,055,330               | 3,646,880                        |
| All other industries                           | 10                       | 4,428,395   | 711            | 916,744                  | 1,541,596               | 3,281,624                        |
| Totals   | 590                      | 57,433,502  | 23,695         | 33,110,548               | 67,505,746              | 119,184,245                      |
| <b>Wood and Paper Products—</b>                |                          |             |                |                          |                         |                                  |
| Blueprinting                                   | 3                        | 108,475     | 32             | 45,865                   | 54,855                  | 299,500                          |
| Boxes and bags, paper                          | 37                       | 8,429,096   | 3,074          | 3,831,063                | 7,902,571               | 14,605,984                       |
| Boxes, wooden                                  | 6                        | 760,971     | 297            | 427,915                  | 725,834                 | 1,480,900                        |
| Coffins and caskets                            | 3                        | 652,698     | 96             | 140,782                  | 173,455                 | 431,812                          |
| Engraving, stereotyping and elec-<br>trotyping | 32                       | 3,451,636   | 1,060          | 2,345,541                | 845,806                 | 4,052,042                        |
| Furniture                                      | 101                      | 3,312,762   | 1,380          | 1,099,593                | 2,805,995               | 5,891,982                        |
| Lithographing                                  | 15                       | 4,214,534   | 1,110          | 2,030,232                | 2,343,093               | 4,982,346                        |
| Miscellaneous paper products                   | 53                       | 5,627,165   | 1,402          | 1,992,704                | 3,669,789               | 8,131,638                        |
| Miscellaneous wooden products                  | 52                       | 1,061,991   | 1,033          | 1,436,244                | 1,201,853               | 3,557,532                        |
| Planing mills, sash and door fac-<br>tories    | 21                       | 2,791,870   | 625            | 900,715                  | 2,217,859               | 3,750,477                        |
| Printing and bookbinding                       | 290                      | 17,329,724  | 5,217          | 7,562,282                | 8,920,337               | 21,590,180                       |
| Printing and publishing                        | 34                       | 11,360,913  | 3,771          | 7,199,287                | 5,844,428               | 20,954,616                       |
| Pulp and paper mills                           | 7                        | 5,066,904   | 840            | 2,058,490                | 3,698,765               | 7,393,817                        |
| Trade composition                              | 16                       | 573,447     | 167            | 311,955                  | 40,126                  | 471,894                          |
| Wood turning                                   | 5                        | 47,823      | 23             | 24,223                   | 18,880                  | 55,729                           |
| All other industries                           | 10                       | 1,132,395   | 281            | 415,516                  | 660,016                 | 1,444,300                        |
| Totals   | 685                      | 66,822,284  | 20,408         | 32,721,454               | 41,414,653              | 90,004,761                       |
| <b>Iron and Its Products—</b>                  |                          |             |                |                          |                         |                                  |
| Aircraft and aircraft parts                    | 8                        | 1,484,786   | 598            | 1,019,011                | 206,867                 | 2,056,983                        |
| Automobile supplies                            | 23                       | 8,996,591   | 3,580          | 6,173,496                | 8,983,433               | 17,792,862                       |
| Bicycles                                       | 3                        | 260,629     | 64             | 91,906                   | 127,520                 | 225,531                          |
| Boilers, tanks and platemwork                  | 6                        | 13,164,186  | 2,241          | 5,090,709                | 5,521,091               | 14,889,475                       |
| Bridge and structural steel                    | 4                        | 4,199,425   | 701            | 1,090,733                | 1,338,330               | 4,893,719                        |
| Castings, iron                                 | 13                       | 7,001,404   | 1,395          | 2,686,113                | 1,891,909               | 6,599,874                        |
| Hardware, tools and cutlery                    | 62                       | 6,889,606   | 2,808          | 5,125,309                | 2,667,102               | 13,020,604                       |
| Heating and cooking apparatus                  | 13                       | 2,381,265   | 365            | 646,475                  | 792,450                 | 2,536,017                        |
| Miscellaneous iron and steel pro-<br>ducts     | 32                       | 60,386,442  | 14,718         | 29,435,650               | 18,336,507              | 63,502,778                       |
| Machinery                                      | 80                       | 30,567,520  | 5,933          | 11,413,975               | 8,572,328               | 33,122,630                       |
| Machine shops                                  | 75                       | 2,139,666   | 1,075          | 1,892,284                | 621,049                 | 3,900,793                        |
| Sheet metal products                           | 47                       | 15,515,754  | 3,919          | 6,449,220                | 9,168,281               | 20,606,862                       |
| Wire and wire goods                            | 18                       | 994,524     | 233            | 367,947                  | 926,859                 | 1,793,750                        |
| All other industries                           | 6                        | 46,576,914  | 8,455          | 17,323,517               | 9,589,591               | 35,756,438                       |
| Totals   | 390                      | 200,558,892 | 46,175         | 89,406,635               | 68,744,234              | 220,657,325                      |
| <b>Non-ferrous Metal Products—</b>             |                          |             |                |                          |                         |                                  |
| Aluminum products                              | 7                        | 3,212,658   | 1,230          | 2,114,357                | 3,652,700               | 6,606,265                        |
| Brass and copper products                      | 47                       | 15,654,683  | 6,560          | 12,082,346               | 21,561,578              | 38,634,046                       |
| Electrical apparatus and supplies              | 92                       | 39,333,555  | 10,249         | 15,830,257               | 29,566,776              | 62,925,831                       |
| Jewellery and silverware                       | 53                       | 5,600,096   | 1,504          | 2,483,997                | 7,640,306               | 11,968,830                       |
| Miscellaneous non-ferrous metal<br>products    | 13                       | 2,444,736   | 587            | 906,314                  | 1,013,190               | 3,153,980                        |
| White metal alloys                             | 8                        | 3,916,347   | 649            | 1,083,858                | 5,653,979               | 8,518,627                        |
| Totals   | 220                      | 70,161,985  | 20,769         | 34,501,129               | 69,034,529              | 131,897,579                      |

## Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

## TORONTO—Concluded

| Industry                                    | Estab-<br>lish-<br>ments | Capital            | Em-<br>ployees | Salaries<br>and<br>Wages | Cost of<br>Materials | Gross<br>Value of<br>Products |
|---|--------------------------|--------------------|----------------|--------------------------|----------------------|-------------------------------|
|   | No.                      | \$                 | No.            | \$                       | \$                   | \$                            |
| <b>Non-metallic Mineral Products—</b>       |                          |                    |                |                          |                      |                               |
| Asbestos products                           | 3                        | 46,874             | 12             | 16,395                   | 25,820               | 51,734                        |
| Cement products                             | 10                       | 600,466            | 119            | 106,510                  | 289,165              | 844,483                       |
| Clay products from domestic clay            | 5                        | 1,332,438          | 86             | 126,187                  | 8,102                | 408,614                       |
| Clay products from imported clay            | 3                        | 60,446             | 17             | 23,156                   | 10,940               | 59,670                        |
| Glass products                              | 32                       | 1,406,948          | 664            | 914,967                  | 759,708              | 1,922,631                     |
| Miscellaneous non-metallic mineral products | 6                        | 284,022            | 86             | 144,719                  | 124,568              | 427,125                       |
| Stone products                              | 18                       | 525,334            | 173            | 273,076                  | 259,374              | 742,904                       |
| All other industries                        | 9                        | 34,357,395         | 1,470          | 2,675,438                | 14,102,028           | 23,395,043                    |
| Totals                                      | 86                       | 38,613,923         | 2,627          | 4,370,448                | 15,579,705           | 27,862,204                    |
| <b>Chemicals and Allied Products—</b>       |                          |                    |                |                          |                      |                               |
| Acids, alkalis and salts                    | 4                        | 493,354            | 18             | 48,105                   | 490,531              | 688,669                       |
| Adhesives                                   | 8                        | 1,602,127          | 283            | 474,469                  | 1,203,589            | 2,226,245                     |
| Gases, compressed                           | 9                        | 1,839,625          | 271            | 473,540                  | 309,891              | 1,979,307                     |
| Inks, printing and writing                  | 19                       | 2,541,003          | 440            | 1,087,602                | 1,512,767            | 3,820,140                     |
| Medicinal and pharmaceutical preparations   | 65                       | 12,902,371         | 2,440          | 2,779,032                | 4,900,489            | 13,476,671                    |
| Miscellaneous chemical products             | 55                       | 4,185,631          | 859            | 1,404,243                | 4,218,303            | 8,401,528                     |
| Paints, pigments and varnishes              | 24                       | 7,301,038          | 1,342          | 2,481,413                | 6,328,339            | 12,143,311                    |
| Polishes and dressings                      | 23                       | 739,454            | 209            | 261,099                  | 845,359              | 1,471,552                     |
| Soaps and washing compounds                 | 20                       | 12,491,986         | 2,007          | 3,769,314                | 9,857,057            | 19,787,770                    |
| Toilet preparations                         | 38                       | 5,060,048          | 941            | 1,269,605                | 2,641,786            | 8,090,067                     |
| All other industries                        | 4                        | 2,734,410          | 207            | 387,118                  | 2,568,157            | 3,781,717                     |
| Totals                                      | 278                      | 51,891,047         | 9,028          | 14,436,440               | 34,876,268           | 75,899,977                    |
| <b>Miscellaneous Industries—</b>            |                          |                    |                |                          |                      |                               |
| Artificial flowers and feathers             | 9                        | 217,518            | 180            | 147,847                  | 120,067              | 333,593                       |
| Brooms, brushes and mops                    | 13                       | 1,312,169          | 366            | 475,352                  | 985,358              | 2,027,680                     |
| Buttons                                     | 6                        | 124,191            | 99             | 84,712                   | 103,457              | 236,640                       |
| Fountain pens and pencils                   | 6                        | 2,178,740          | 370            | 478,038                  | 900,241              | 1,775,890                     |
| Ice, manufactured                           | 11                       | 788,047            | 91             | 154,056                  | 12,983               | 665,318                       |
| Lamps, electric, and lamp shades            | 13                       | 408,732            | 246            | 312,430                  | 313,870              | 787,841                       |
| Mattresses and springs                      | 21                       | 1,302,012          | 489            | 841,494                  | 1,907,970            | 3,227,558                     |
| Musical instruments                         | 10                       | 1,178,461          | 247            | 354,058                  | 283,735              | 708,023                       |
| Regalia and society emblems                 | 7                        | 86,262             | 41             | 41,247                   | 68,223               | 140,936                       |
| Scientific and professional equipment       | 16                       | 3,242,059          | 389            | 569,813                  | 546,831              | 1,691,162                     |
| Signs, electric, neon and other             | 7                        | 223,354            | 68             | 142,578                  | 150,548              | 422,150                       |
| Sporting goods                              | 4                        | 775,189            | 122            | 199,322                  | 246,806              | 479,290                       |
| Stamps and stencils, rubber and metal       | 9                        | 283,526            | 105            | 166,822                  | 31,424               | 354,734                       |
| Statuary, art goods and novelties           | 24                       | 605,355            | 323            | 371,934                  | 520,446              | 1,084,545                     |
| Store and display accessories               | 5                        | 93,413             | 47             | 54,740                   | 49,372               | 162,217                       |
| Toys  | 20                       | 1,031,478          | 708            | 690,670                  | 886,313              | 2,337,708                     |
| Typewriter supplies                         | 5                        | 1,934,772          | 190            | 379,081                  | 591,029              | 1,288,821                     |
| Umbrellas                                   | 3                        | 131,677            | 61             | 79,749                   | 141,258              | 275,222                       |
| All other industries                        | 9                        | 742,467            | 158            | 198,912                  | 431,269              | 958,909                       |
| Totals                                      | 198                      | 15,816,422         | 4,291          | 5,725,455                | 8,207,200            | 18,979,147                    |
| <b>Totals, Toronto</b>                      | <b>3,234</b>             | <b>647,967,281</b> | <b>156,459</b> | <b>259,397,913</b>       | <b>481,501,056</b>   | <b>961,923,997</b>            |

## HAMILTON

|  |     |            |       |           |            |            |
|--|-----|------------|-------|-----------|------------|------------|
| <b>Vegetable Products—</b>                   |     |            |       |           |            |            |
| Aerated and mineral waters                   | 14  | 906,228    | 157   | 239,494   | 304,444    | 990,827    |
| Biscuits, confectionery, cocoa and chocolate | 8   | 717,975    | 166   | 234,977   | 543,524    | 1,559,272  |
| Bread and other bakery products              | 59  | 2,000,030  | 911   | 1,202,773 | 1,793,351  | 3,632,001  |
| Foods, miscellaneous                         | 10  | 1,068,053  | 215   | 269,485   | 985,837    | 1,887,160  |
| Fruit and vegetable preparations             | 5   | 7,995,673  | 437   | 652,188   | 2,008,078  | 2,655,443  |
| Rubber goods, including rubber footwear      | 4   | 6,991,090  | 1,120 | 2,424,192 | 7,715,600  | 14,447,450 |
| All other industries                         | 5   | 9,012,889  | 837   | 1,061,468 | 2,666,211  | 5,845,994  |
| Totals                                       | 105 | 29,691,938 | 3,869 | 6,084,577 | 16,927,045 | 30,718,147 |

## Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

HAMILTON—Continued

| Industry                                  | Estab-<br>lish-<br>ments | Capital     | Em-<br>ploy-<br>ees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value<br>of<br>Products |
|---|--------------------------|-------------|---------------------|--------------------------|-------------------------|----------------------------------|
|   | No.                      | \$          | No.                 | \$                       | \$                      | \$                               |
| <b>Animal Products—</b>                   |                          |             |                     |                          |                         |                                  |
| Butter and cheese                         | 3                        | 962,069     | 312                 | 450,783                  | 1,157,986               | 2,040,862                        |
| Fur goods                                 | 10                       | 776,040     | 57                  | 85,645                   | 363,137                 | 658,040                          |
| Miscellaneous leather goods               | 4                        | 152,895     | 47                  | 68,767                   | 179,737                 | 292,337                          |
| Slaughtering and meat packing             | 7                        | 4,823,771   | 699                 | 1,080,775                | 13,985,774              | 15,660,379                       |
| All other industries                      | 4                        | 106,149     | 19                  | 34,057                   | 103,795                 | 104,591                          |
| Totals                                    | 28                       | 6,820,933   | 1,134               | 1,720,057                | 15,790,429              | 18,516,209                       |
| <b>Textiles and Textile Products—</b>     |                          |             |                     |                          |                         |                                  |
| Awnings, tents and sails                  | 3                        | 136,693     | 56                  | 68,874                   | 167,511                 | 253,531                          |
| Clothing, men's factory                   | 6                        | 1,489,197   | 863                 | 1,077,886                | 1,059,033               | 3,396,894                        |
| Cotton yarn and cloth                     | 5                        | 11,097,558  | 2,108               | 2,442,741                | 5,690,130               | 9,690,620                        |
| Hats and caps                             | 3                        | 90,955      | 45                  | 57,171                   | 101,604                 | 222,681                          |
| Hosiery and knitted goods                 | 8                        | 6,916,410   | 3,021               | 3,477,517                | 5,159,636               | 10,902,849                       |
| All other industries                      | 11                       | 4,558,375   | 782                 | 1,095,284                | 3,185,473               | 5,721,475                        |
| Totals                                    | 36                       | 24,280,188  | 6,875               | 8,219,473                | 16,263,387              | 30,188,050                       |
| <b>Wood and Paper Products—</b>           |                          |             |                     |                          |                         |                                  |
| Boxes and bags, paper                     | 9                        | 1,775,734   | 442                 | 555,024                  | 1,949,457               | 3,054,863                        |
| Engraving, stereotyping and electrotyping | 6                        | 176,970     | 60                  | 137,884                  | 31,073                  | 253,435                          |
| Furniture                                 | 6                        | 387,036     | 98                  | 134,084                  | 123,230                 | 336,631                          |
| Miscellaneous paper products              | 10                       | 2,678,474   | 502                 | 830,101                  | 2,049,576               | 4,081,252                        |
| Miscellaneous wooden products             | 5                        | 44,857      | 24                  | 40,895                   | 30,545                  | 97,104                           |
| Planing mills, sash and door factories    | 6                        | 444,568     | 145                 | 197,803                  | 421,944                 | 847,270                          |
| Printing and bookbinding                  | 46                       | 1,824,152   | 414                 | 580,062                  | 765,878                 | 1,789,530                        |
| All other industries                      | 16                       | 3,717,733   | 690                 | 1,257,746                | 1,396,680               | 4,098,238                        |
| Totals                                    | 104                      | 11,040,522  | 2,375               | 3,733,899                | 6,768,409               | 14,558,302                       |
| <b>Iron and Its Products—</b>             |                          |             |                     |                          |                         |                                  |
| Castings, iron                            | 4                        | 1,439,103   | 398                 | 729,213                  | 1,156,132               | 2,205,824                        |
| Hardware, tools and cutlery               | 15                       | 4,243,766   | 677                 | 1,295,783                | 1,596,586               | 4,670,735                        |
| Machinery                                 | 15                       | 9,258,651   | 2,520               | 4,707,763                | 2,857,486               | 12,149,195                       |
| Machine shops                             | 13                       | 290,328     | 131                 | 209,467                  | 107,449                 | 434,090                          |
| Miscellaneous iron and steel products     | 10                       | 34,503,869  | 5,185               | 10,036,906               | 7,020,687               | 26,443,835                       |
| Primary iron and steel                    | 11                       | 75,052,840  | 8,291               | 17,122,498               | 36,455,639              | 76,671,778                       |
| Sheet metal products                      | 13                       | 6,948,558   | 996                 | 1,475,162                | 6,021,519               | 9,447,582                        |
| Wire and wire goods                       | 12                       | 14,319,499  | 3,320               | 5,511,109                | 3,882,057               | 15,771,697                       |
| All other industries                      | 13                       | 36,050,934  | 7,067               | 14,269,630               | 21,418,749              | 46,092,617                       |
| Totals                                    | 106                      | 182,707,548 | 28,585              | 55,417,621               | 81,416,301              | 193,887,353                      |
| <b>Non-ferrous Metal Products—</b>        |                          |             |                     |                          |                         |                                  |
| Brass and copper products                 | 8                        | 1,609,484   | 596                 | 1,045,051                | 1,014,286               | 3,176,225                        |
| Electrical apparatus and supplies         | 12                       | 22,388,147  | 7,011               | 12,314,042               | 7,084,297               | 32,226,009                       |
| Jewellery and silverware                  | 4                        | 837,878     | 321                 | 498,332                  | 448,662                 | 848,879                          |
| All other industries                      | 5                        | 493,896     | 163                 | 268,626                  | 743,086                 | 1,290,445                        |
| Totals                                    | 29                       | 25,329,405  | 8,091               | 14,126,051               | 9,290,331               | 37,541,558                       |
| <b>Non-metallic Mineral Products—</b>     |                          |             |                     |                          |                         |                                  |
| Cement products                           | 6                        | 122,302     | 41                  | 44,880                   | 90,295                  | 173,843                          |
| Clay products from domestic clay          | 5                        | 2,008,988   | 117                 | 237,976                  | 4,065                   | 347,484                          |
| Clay products from imported clay          | 4                        | 1,359,395   | 423                 | 700,585                  | 208,776                 | 1,532,011                        |
| Coke and gas products                     | 4                        | 17,299,627  | 688                 | 1,213,304                | 8,215,092               | 14,646,778                       |
| Stone products                            | 3                        | 46,595      | 10                  | 19,678                   | 17,099                  | 51,055                           |
| All other industries                      | 13                       | 4,342,600   | 1,121               | 1,779,540                | 2,179,337               | 6,833,765                        |
| Totals                                    | 35                       | 25,179,507  | 2,400               | 3,985,963                | 10,714,604              | 23,585,537                       |

## Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1913—continued

## HAMILTON—Continued

| Industry                              | Estab-lish-ments | Capital            | Em-ployees    | Salaries and Wages | Cost of Materials  | Gross Value of Products |
|---------------------------------------|------------------|--------------------|---------------|--------------------|--------------------|-------------------------|
|                                       | No.              | \$                 | No.           | \$                 | \$                 | \$                      |
| <b>Chemicals and Allied Products—</b> |                  |                    |               |                    |                    |                         |
| Miscellaneous chemical products       | 4                | 377,021            | 32            | 114,616            | 228,765            | 500,491                 |
| Polishes and dressings                | 4                | 376,876            | 64            | 78,496             | 314,692            | 546,788                 |
| Toilet preparations                   | 3                | 176,148            | 40            | 61,919             | 97,594             | 279,719                 |
| All other industries                  | 14               | 9,209,458          | 798           | 1,576,019          | 6,816,530          | 10,291,088              |
| Totals                                | 25               | 10,139,503         | 934           | 1,831,650          | 7,457,581          | 11,618,086              |
| <b>Miscellaneous Industries—</b>      |                  |                    |               |                    |                    |                         |
| Brooms, brushes and mops              | 7                | 1,275,311          | 303           | 314,137            | 589,197            | 1,546,727               |
| Stamps and stencils, rubber and metal | 3                | 152,347            | 36            | 57,869             | 30,851             | 154,154                 |
| All other industries                  | 7                | 260,934            | 69            | 85,235             | 22,944             | 158,806                 |
| Totals                                | 17               | 1,688,592          | 408           | 457,241            | 642,992            | 1,859,687               |
| <b>Totals, Hamilton</b>               | <b>485</b>       | <b>315,896,436</b> | <b>51,621</b> | <b>95,576,332</b>  | <b>164,271,139</b> | <b>362,713,019</b>      |

## WINDSOR

|  |    |             |        |            |             |             |
|--|----|-------------|--------|------------|-------------|-------------|
| <b>Vegetable Products—</b>             |    |             |        |            |             |             |
| Aerated and mineral waters             | 6  | 475,632     | 101    | 151,190    | 226,447     | 708,960     |
| Bread and other bakery products        | 23 | 901,724     | 448    | 657,828    | 949,459     | 2,204,100   |
| Foods, miscellaneous                   | 5  | 116,958     | 58     | 63,644     | 121,180     | 248,935     |
| All other industries                   | 9  | 16,378,367  | 965    | 1,681,012  | 5,006,966   | 15,086,452  |
| Totals                                 | 43 | 17,872,681  | 1,572  | 2,554,170  | 6,304,052   | 18,248,447  |
| <b>Animal Products—</b>                |    |             |        |            |             |             |
| Butter and cheese                      | 5  | 1,078,284   | 428    | 780,420    | 1,582,795   | 2,712,115   |
| Dairy products, miscellaneous          | 3  | 363,413     | 46     | 67,161     | 205,885     | 507,389     |
| Fur goods                              | 4  | 110,063     | 17     | 23,988     | 122,533     | 176,148     |
| Slaughtering and meat packing          | 4  | 238,766     | 66     | 101,473    | 1,050,310   | 1,307,535   |
| All other industries                   | 3  | 49,760      | 21     | 25,402     | 54,728      | 91,877      |
| Totals                                 | 19 | 1,840,295   | 578    | 998,444    | 3,016,251   | 4,705,064   |
| <b>Textiles and Textile Products—</b>  |    |             |        |            |             |             |
| All industries                         | 10 | 667,921     | 327    | 414,025    | 1,489,727   | 2,370,724   |
| Totals                                 | 10 | 667,921     | 327    | 414,025    | 1,489,727   | 2,370,724   |
| <b>Wood and Paper Products—</b>        |    |             |        |            |             |             |
| Boxes and bags, paper                  | 3  | 250,360     | 127    | 173,229    | 424,632     | 704,759     |
| Miscellaneous wooden products          | 4  | 291,572     | 60     | 80,900     | 86,906      | 175,328     |
| Planing mills, sash and door factories | 6  | 545,579     | 98     | 140,262    | 208,801     | 449,574     |
| Printing and bookbinding               | 19 | 383,407     | 113    | 103,080    | 174,315     | 451,955     |
| All other industries                   | 6  | 2,198,133   | 483    | 809,295    | 984,034     | 2,640,704   |
| Totals                                 | 38 | 3,078,111   | 881    | 1,397,272  | 1,858,688   | 4,428,380   |
| <b>Iron and Its Products—</b>          |    |             |        |            |             |             |
| Automobile supplies                    | 16 | 18,338,002  | 4,729  | 9,906,530  | 23,115,570  | 44,218,275  |
| Castings, iron                         | 6  | 1,799,479   | 1,102  | 2,409,844  | 1,695,947   | 5,412,192   |
| Hardware, tools and cutlery            | 10 | 2,352,006   | 644    | 1,677,296  | 955,406     | 3,797,880   |
| Machinery                              | 7  | 1,876,268   | 229    | 558,188    | 1,041,822   | 2,359,981   |
| Machine shops                          | 3  | 281,225     | 129    | 289,610    | 480,410     | 1,044,079   |
| All other industries                   | 18 | 134,766,618 | 24,438 | 58,122,914 | 189,453,398 | 292,866,237 |
| Totals                                 | 60 | 159,415,098 | 31,271 | 72,964,391 | 216,742,553 | 340,098,644 |
| <b>Non-ferrous Metal Products—</b>     |    |             |        |            |             |             |
| Brass and copper products              | 4  | 5,677,138   | 922    | 2,200,648  | 6,255,868   | 11,028,300  |
| All other industries                   | 6  | 497,888     | 75     | 147,509    | 473,289     | 828,508     |
| Totals                                 | 10 | 6,175,026   | 997    | 2,348,157  | 6,729,157   | 11,856,808  |

## Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

## WINDSOR—Concluded

| Industry  | Estab-<br>lish-<br>ments | Capital            | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value of<br>Products |
|---|--------------------------|--------------------|----------------|--------------------------|-------------------------|-------------------------------|
|   | No.                      | \$                 | No.            | \$                       | \$                      | \$                            |
| <b>Non-metallic Mineral Products—</b>               |                          |                    |                |                          |                         |                               |
| Cement products.....                                | 5                        | 180,304            | 49             | 63,150                   | 126,964                 | 170,904                       |
| All other industries.....                           | 7                        | 2,172,305          | 312            | 618,954                  | 527,198                 | 2,239,783                     |
| Totals.....   | 12                       | 2,352,609          | 361            | 682,104                  | 654,162                 | 2,410,687                     |
| <b>Chemical and Allied Products—</b>                |                          |                    |                |                          |                         |                               |
| Medicinal and pharmaceutical pre-<br>parations..... | 10                       | 6,683,917          | 1,005          | 1,653,142                | 3,044,768               | 9,787,712                     |
| Miscellaneous chemical products..                   | 4                        | 173,852            | 21             | 43,034                   | 161,631                 | 304,994                       |
| Polishes and dressings.....                         | 3                        | 416,590            | 51             | 119,536                  | 379,533                 | 725,811                       |
| Soaps and washing compounds.....                    | 3                        | 25,987             | 14             | 13,053                   | 34,603                  | 68,917                        |
| Toilet preparations.....                            | 3                        | 59,964             | 20             | 20,911                   | 28,556                  | 63,345                        |
| All other industries.....                           | 5                        | 4,993,909          | 570            | 1,344,028                | 2,471,994               | 5,852,298                     |
| Totals.....   | 28                       | 12,354,219         | 1,711          | 3,194,304                | 6,121,085               | 16,903,077                    |
| <b>Miscellaneous Industries—</b>                    |                          |                    |                |                          |                         |                               |
| All industries.....                                 | 9                        | 2,494,611          | 818            | 1,413,007                | 4,588,710               | 7,033,398                     |
| Totals.....   | 9                        | 2,494,611          | 818            | 1,413,007                | 4,588,710               | 7,033,398                     |
| <b>Totals, Windsor.....</b>                         | <b>229</b>               | <b>266,850,571</b> | <b>38,516</b>  | <b>85,965,874</b>        | <b>247,501,385</b>      | <b>417,745,229</b>            |

## WINNIPEG

|   |     |            |       |           |            |            |
|---|-----|------------|-------|-----------|------------|------------|
| <b>Vegetable Products—</b>                          |     |            |       |           |            |            |
| Aerated and mineral waters.....                     | 12  | 1,200,293  | 285   | 452,058   | 669,810    | 2,227,055  |
| Biscuits, confectionery, cocoa, etc.                | 13  | 1,983,805  | 767   | 899,120   | 2,202,540  | 5,662,555  |
| Bread and other bakery products..                   | 62  | 2,324,765  | 911   | 1,202,403 | 1,775,699  | 4,029,000  |
| Breweries.....                                      | 5   | 3,117,745  | 374   | 657,833   | 612,922    | 3,513,813  |
| Flour and feed mills.....                           | 8   | 5,186,345  | 332   | 465,383   | 6,065,341  | 7,438,532  |
| Foods, breakfast.....                               | 5   | 292,416    | 30    | 39,260    | 205,224    | 698,749    |
| Foods, miscellaneous.....                           | 19  | 2,786,458  | 474   | 515,148   | 5,963,200  | 7,425,831  |
| Fruit and vegetable preparations..                  | 6   | 701,722    | 272   | 173,567   | 513,300    | 829,286    |
| All other industries.....                           | 8   | 3,527,163  | 184   | 284,767   | 1,628,445  | 2,639,867  |
| Totals.....   | 138 | 21,129,802 | 3,629 | 4,689,539 | 19,573,581 | 34,375,308 |
| <b>Animal Products—</b>                             |     |            |       |           |            |            |
| Boots and shoes, leather.....                       | 5   | 248,357    | 192   | 182,451   | 589,207    | 797,393    |
| Butter and cheese.....                              | 10  | 2,570,459  | 682   | 1,106,655 | 3,798,793  | 6,064,881  |
| Dairy products, other.....                          | 3   | 64,198     | 11    | 11,290    | 35,195     | 56,218     |
| Fur dressing and dyeing.....                        | 3   | 101,462    | 88    | 105,435   | 32,902     | 194,468    |
| Fur goods.....                                      | 44  | 1,586,012  | 479   | 581,336   | 1,812,192  | 2,818,899  |
| Gloves and mittens, leather.....                    | 7   | 308,780    | 190   | 174,409   | 454,267    | 713,860    |
| Miscellaneous leather goods.....                    | 13  | 544,532    | 221   | 229,821   | 696,990    | 1,187,508  |
| Sausage and sausage casings.....                    | 9   | 242,912    | 81    | 96,429    | 770,109    | 928,720    |
| Slaughtering and meat packing....                   | 5   | 7,907,295  | 1,871 | 3,017,444 | 38,423,943 | 43,002,438 |
| All other industries.....                           | 3   | 493,776    | 163   | 176,669   | 884,233    | 1,243,863  |
| Totals.....   | 102 | 14,067,783 | 3,978 | 5,081,929 | 47,497,831 | 57,008,248 |
| <b>Textiles and Textile Products—</b>               |     |            |       |           |            |            |
| Awnings, tents and sails.....                       | 3   | 62,933     | 39    | 41,245    | 149,651    | 222,049    |
| Bags, cotton and jute.....                          | 4   | 2,874,694  | 243   | 326,340   | 5,660,956  | 6,584,755  |
| Clothing, men's factory.....                        | 29  | 3,017,261  | 1,805 | 1,801,242 | 5,488,111  | 8,109,755  |
| Clothing, women's factory.....                      | 27  | 2,100,124  | 1,396 | 1,503,377 | 4,208,470  | 6,758,008  |
| Hats and caps.....                                  | 10  | 406,810    | 319   | 299,625   | 640,227    | 1,255,356  |
| Hosiery and knitted goods.....                      | 5   | 354,471    | 162   | 149,618   | 330,604    | 659,064    |
| All other industries.....                           | 3   | 32,318     | 31    | 31,753    | 23,936     | 63,479     |
| Totals.....   | 81  | 8,845,641  | 4,085 | 4,273,200 | 16,502,015 | 23,652,527 |
| <b>Wood and Paper Products—</b>                     |     |            |       |           |            |            |
| Boxes and bags, paper.....                          | 7   | 1,627,701  | 389   | 559,978   | 1,822,270  | 3,062,803  |
| Boxes, wooden.....                                  | 4   | 306,933    | 148   | 171,782   | 203,996    | 464,222    |
| Engraving, stereotyping and elec-<br>trotyping..... | 6   | 370,252    | 163   | 369,258   | 65,537     | 541,508    |
| Furniture.....                                      | 31  | 632,037    | 349   | 451,932   | 521,491    | 1,307,930  |
| Miscellaneous paper products.....                   | 7   | 792,224    | 166   | 223,164   | 490,440    | 961,308    |
| Miscellaneous wooden products....                   | 10  | 38,477     | 28    | 26,688    | 26,535     | 65,622     |

## Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1913—continued

WINNIPEG—Continued

| Industry  | Estab-<br>lish-<br>ments | Capital            | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value of<br>Products |
|---|--------------------------|--------------------|----------------|--------------------------|-------------------------|-------------------------------|
|   | No.                      | \$                 | No.            | \$                       | \$                      | \$                            |
| <b>Wood and Paper Products—</b>                     |                          |                    |                |                          |                         |                               |
| concluded   |                          |                    |                |                          |                         |                               |
| Planing mills, sash and floor fac-<br>tories.....   | 9                        | 892,050            | 210            | 290,299                  | 453,611                 | 865,825                       |
| Printing and bookbinding.....                       | 77                       | 4,273,350          | 1,123          | 1,524,826                | 1,206,079               | 3,460,052                     |
| Printing and publishing.....                        | 21                       | 2,994,253          | 790            | 1,309,216                | 683,683                 | 3,772,807                     |
| All other industries.....                           | 19                       | 1,850,393          | 482            | 619,293                  | 804,122                 | 2,137,930                     |
| Totals.....   | 101                      | 13,777,760         | 3,848          | 5,543,486                | 6,284,364               | 16,640,707                    |
| <b>Iron and Its Products—</b>                       |                          |                    |                |                          |                         |                               |
| Agricultural implements.....                        | 4                        | 725,621            | 163            | 225,664                  | 336,488                 | 728,256                       |
| Aircraft and aircraft parts.....                    | 4                        | 4,383,631          | 1,217          | 1,873,665                | 346,018                 | 3,295,259                     |
| Automobile supplies.....                            | 8                        | 794,622            | 359            | 481,170                  | 885,200                 | 1,891,135                     |
| Castings, iron.....                                 | 4                        | 2,714,789          | 633            | 1,088,527                | 385,276                 | 2,001,293                     |
| Hardware, tools and cutlery.....                    | 4                        | 251,715            | 87             | 93,248                   | 54,191                  | 304,110                       |
| Iron and steel products, misc.....                  | 4                        | 2,592,067          | 427            | 739,730                  | 1,095,097               | 2,551,660                     |
| Machinery.....                                      | 8                        | 1,132,586          | 172            | 396,808                  | 129,373                 | 525,384                       |
| Machine shops.....                                  | 16                       | 533,101            | 281            | 447,204                  | 196,908                 | 805,424                       |
| Sheet metal products.....                           | 10                       | 1,045,190          | 244            | 322,815                  | 451,475                 | 941,963                       |
| All other industries.....                           | 5                        | 12,589,504         | 3,584          | 6,871,853                | 5,562,188               | 15,013,459                    |
| Totals.....   | 67                       | 26,762,826         | 7,167          | 12,447,684               | 9,433,814               | 28,057,943                    |
| <b>Non-Ferrous Metal Products—</b>                  |                          |                    |                |                          |                         |                               |
| Brass and copper products.....                      | 5                        | 766,525            | 170            | 319,201                  | 734,303                 | 1,618,575                     |
| Electrical apparatus and supplies.....              | 9                        | 557,049            | 222            | 319,037                  | 567,387                 | 1,150,151                     |
| Jewellery and silverware.....                       | 3                        | 39,038             | 17             | 23,350                   | 3,961                   | 41,598                        |
| All other industries.....                           | 3                        | 205,288            | 32             | 50,293                   | 189,829                 | 294,631                       |
| Totals.....   | 20                       | 1,567,900          | 441            | 702,884                  | 1,495,480               | 3,104,955                     |
| <b>Non-Metallic Mineral Products—</b>               |                          |                    |                |                          |                         |                               |
| Glass products.....                                 | 4                        | 401,200            | 60             | 81,848                   | 88,289                  | 207,543                       |
| Miscellaneous non-metallic mineral<br>products..... | 6                        | 790,432            | 120            | 183,423                  | 739,147                 | 1,374,573                     |
| Stone products.....                                 | 7                        | 104,445            | 24             | 32,551                   | 23,499                  | 81,552                        |
| All other industries.....                           | 7                        | 5,481,405          | 224            | 333,145                  | 649,677                 | 1,495,745                     |
| Totals.....   | 24                       | 6,777,548          | 428            | 630,967                  | 1,500,612               | 3,159,413                     |
| <b>Chemical and Allied Products—</b>                |                          |                    |                |                          |                         |                               |
| Medicinal and pharmaceutical pre-<br>parations..... | 7                        | 1,718,131          | 153            | 181,476                  | 575,724                 | 1,355,350                     |
| Paints, pigments and varnishes.....                 | 4                        | 1,530,779          | 203            | 312,074                  | 815,683                 | 1,466,607                     |
| Soaps and washing compounds.....                    | 6                        | 842,923            | 81             | 125,023                  | 359,313                 | 657,572                       |
| Toilet preparations.....                            | 4                        | 55,322             | 63             | 63,810                   | 55,979                  | 133,118                       |
| All other industries.....                           | 10                       | 480,668            | 109            | 167,226                  | 318,914                 | 784,698                       |
| Totals.....   | 31                       | 4,627,823          | 609            | 851,610                  | 2,125,613               | 4,397,351                     |
| <b>Miscellaneous Industries—</b>                    |                          |                    |                |                          |                         |                               |
| Brooms, brushes and mops.....                       | 6                        | 166,579            | 104            | 100,063                  | 153,656                 | 305,467                       |
| Mattresses and springs.....                         | 5                        | 1,407,830          | 435            | 644,353                  | 1,742,744               | 3,038,629                     |
| Scientific and professional equip-<br>ment.....     | 5                        | 30,720             | 20             | 24,328                   | 8,782                   | 54,942                        |
| Signs, electric, neon and other.....                | 4                        | 804,041            | 75             | 121,988                  | 30,639                  | 399,977                       |
| Stamps and stencils, rubber and<br>metal.....       | 4                        | 39,797             | 13             | 21,549                   | 9,398                   | 35,956                        |
| Statuary, art goods and novelties..                 | 3                        | 62,636             | 20             | 15,789                   | 24,704                  | 49,738                        |
| All other industries.....                           | 7                        | 391,974            | 46             | 57,314                   | 102,614                 | 282,073                       |
| Totals.....   | 34                       | 2,993,482          | 713            | 985,984                  | 2,072,528               | 4,126,782                     |
| <b>Totals, Winnipeg.....</b>                        | <b>688</b>               | <b>100,511,365</b> | <b>21,898</b>  | <b>35,897,283</b>        | <b>106,485,838</b>      | <b>171,523,234</b>            |

## Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

## VANCOUVER

| Industry  | Estab-<br>lish-<br>ments | Capital    | Em-<br>ploy-<br>ees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value of<br>Products |
|---|--------------------------|------------|---------------------|--------------------------|-------------------------|-------------------------------|
|   | No.                      | \$         | No.                 | \$                       | \$                      | \$                            |
| <b>Vegetable Products—</b>                            |                          |            |                     |                          |                         |                               |
| Aerated and mineral waters.....                       | 8                        | 903,910    | 113                 | 174,888                  | 252,918                 | 847,455                       |
| Biscuits, confectionery, cocoa, and<br>chocolate..... | 23                       | 1,088,110  | 450                 | 515,507                  | 1,044,857               | 2,499,325                     |
| Bread and other bakery products.....                  | 110                      | 2,311,872  | 1,338               | 2,007,174                | 3,191,591               | 6,835,935                     |
| Feeds, prepared stock and poultry.....                | 6                        | 3,207,116  | 193                 | 314,596                  | 1,954,293               | 2,412,342                     |
| Foods, miscellaneous.....                             | 23                       | 3,467,896  | 416                 | 479,363                  | 5,774,530               | 6,730,194                     |
| Fruit and vegetable preparations.....                 | 14                       | 3,214,980  | 549                 | 677,648                  | 3,914,839               | 4,700,806                     |
| Margarin, vermicelli, etc.....                        | 3                        | 409,899    | 58                  | 58,283                   | 106,902                 | 218,360                       |
| Tobacco, cigars and cigarettes.....                   | 3                        | 10,796     | 10                  | 6,903                    | 5,381                   | 17,906                        |
| All other industries.....                             | 12                       | 10,343,632 | 813                 | 1,477,420                | 7,205,048               | 12,434,613                    |
| Totals.....   | 202                      | 25,048,101 | 3,949               | 5,711,876                | 22,910,333              | 36,705,996                    |
| <b>Animal Products—</b>                               |                          |            |                     |                          |                         |                               |
| Boots and shoes, leather.....                         | 6                        | 947,503    | 242                 | 302,013                  | 666,707                 | 1,080,169                     |
| Butter and cheese.....                                | 11                       | 1,863,268  | 627                 | 1,061,980                | 4,765,969               | 6,460,708                     |
| Dairy products, other.....                            | 6                        | 582,317    | 32                  | 144,483                  | 410,419                 | 840,609                       |
| Fish curing and packing.....                          | 11                       | 2,559,094  | 418                 | 536,125                  | 3,278,271               | 4,398,236                     |
| Fur goods.....  | 13                       | 449,784    | 71                  | 87,362                   | 264,788                 | 481,961                       |
| Gloves and mittens, leather.....                      | 4                        | 130,105    | 77                  | 106,456                  | 144,304                 | 283,047                       |
| Leather tanneries.....                                | 3                        | 190,059    | 30                  | 43,912                   | 141,859                 | 247,673                       |
| Miscellaneous leather goods.....                      | 4                        | 215,631    | 83                  | 94,283                   | 134,442                 | 330,948                       |
| Sausage and sausage casings.....                      | 4                        | 330,346    | 58                  | 73,945                   | 466,422                 | 631,329                       |
| Slaughtering and meat packing.....                    | 8                        | 6,771,997  | 847                 | 1,340,996                | 15,230,190              | 17,887,844                    |
| Totals.....   | 70                       | 14,340,157 | 2,535               | 3,791,557                | 25,503,768              | 32,651,424                    |
| <b>Textiles and Textile Products—</b>                 |                          |            |                     |                          |                         |                               |
| Awnings, tents and sails.....                         | 4                        | 572,097    | 212                 | 265,508                  | 834,441                 | 1,296,807                     |
| Clothing, men's factory.....                          | 10                       | 618,766    | 281                 | 313,285                  | 688,539                 | 1,126,602                     |
| Clothing, women's factory.....                        | 20                       | 764,082    | 416                 | 461,840                  | 671,930                 | 1,360,135                     |
| Cotton and wool waste.....                            | 3                        | 81,129     | 47                  | 43,652                   | 226,754                 | 289,220                       |
| Heavy and knitted goods.....                          | 3                        | 396,035    | 174                 | 187,987                  | 285,746                 | 660,108                       |
| Woolen cloth.....                                     | 3                        | 517,871    | 132                 | 161,480                  | 268,660                 | 683,985                       |
| All other industries.....                             | 7                        | 761,113    | 146                 | 167,731                  | 1,320,420               | 1,593,823                     |
| Totals.....   | 50                       | 3,711,093  | 1,408               | 1,601,483                | 4,296,490               | 7,010,770                     |
| <b>Wood and Paper Products—</b>                       |                          |            |                     |                          |                         |                               |
| Blueprinting.....                                     | 4                        | 30,050     | 15                  | 19,579                   | 12,499                  | 42,810                        |
| Boatbuilding.....                                     | 9                        | 324,397    | 111                 | 179,218                  | 427,578                 | 815,576                       |
| Boxes and bags, paper.....                            | 7                        | 1,533,785  | 350                 | 455,691                  | 1,500,975               | 2,585,434                     |
| Boxes, wooden.....                                    | 8                        | 884,525    | 287                 | 349,542                  | 613,971                 | 1,198,840                     |
| Coffins and caskets.....                              | 3                        | 196,070    | 47                  | 55,263                   | 145,398                 | 307,791                       |
| Cooperage.....  | 3                        | 109,288    | 32                  | 52,249                   | 112,963                 | 185,086                       |
| Engraving, stereotyping and elec-<br>trotyping.....   | 9                        | 279,026    | 118                 | 160,959                  | 40,232                  | 261,058                       |
| Furniture.....  | 49                       | 1,615,083  | 808                 | 1,193,490                | 1,313,974               | 2,973,595                     |
| Lithographing.....                                    | 6                        | 736,431    | 146                 | 274,702                  | 276,080                 | 693,392                       |
| Miscellaneous paper products.....                     | 10                       | 1,229,572  | 294                 | 362,286                  | 1,118,557               | 1,737,780                     |
| Miscellaneous wooden products.....                    | 8                        | 600,255    | 139                 | 258,320                  | 584,305                 | 967,272                       |
| Planing mills, sash and door fac-<br>tories.....      | 28                       | 3,303,614  | 1,180               | 1,736,287                | 2,848,622               | 6,054,131                     |
| Printing and bookbinding.....                         | 87                       | 1,799,090  | 588                 | 873,249                  | 609,172                 | 1,851,583                     |
| Printing and publishing.....                          | 8                        | 3,311,943  | 979                 | 1,673,209                | 973,793                 | 4,453,074                     |
| Sawmills.....   | 33                       | 9,404,285  | 3,000               | 5,230,531                | 8,230,180               | 16,151,846                    |
| Wood turning.....                                     | 3                        | 58,401     | 33                  | 40,880                   | 20,441                  | 105,130                       |
| All other industries.....                             | 8                        | 749,101    | 222                 | 573,278                  | 437,201                 | 928,398                       |
| Totals.....   | 283                      | 26,164,886 | 8,415               | 13,488,733               | 19,283,041              | 41,312,796                    |
| <b>Iron and Its Products—</b>                         |                          |            |                     |                          |                         |                               |
| Automobile supplies.....                              | 5                        | 243,975    | 49                  | 102,017                  | 139,521                 | 309,531                       |
| Boilers, tanks and platework.....                     | 4                        | 2,498,585  | 246                 | 545,119                  | 4,394,970               | 7,282,442                     |
| Castings, iron.....                                   | 12                       | 1,133,725  | 472                 | 946,022                  | 576,966                 | 2,434,207                     |
| Hardware, tools and cutlery.....                      | 10                       | 1,160,070  | 370                 | 597,475                  | 1,162,485               | 2,244,117                     |
| Heating and cooking apparatus.....                    | 6                        | 1,186,905  | 97                  | 150,101                  | 106,374                 | 308,352                       |
| Iron and steel products, misc.....                    | 13                       | 7,637,052  | 1,492               | 3,391,044                | 1,795,373               | 7,307,864                     |
| Machinery.....  | 18                       | 6,148,979  | 1,479               | 2,931,592                | 3,258,170               | 8,842,545                     |



## Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—concluded

VANCOUVER—Concluded

| Industry  | Estab-<br>lish-<br>ments | Capital            | Em-<br>ployees | Salaries<br>and<br>Wages | Cost<br>of<br>Materials | Gross<br>Value of<br>Products |
|---|--------------------------|--------------------|----------------|--------------------------|-------------------------|-------------------------------|
|   | No.                      | \$                 | No.            | \$                       | \$                      | \$                            |
| <b>Iron and Its Products—concluded</b>              |                          |                    |                |                          |                         |                               |
| Machine shops.....                                  | 31                       | 1,015,648          | 456            | 807,904                  | 414,606                 | 1,644,193                     |
| Primary iron and steel.....                         | 4                        | 907,056            | 381            | 785,564                  | 287,474                 | 1,905,335                     |
| Sheet metal products.....                           | 14                       | 8,663,040          | 1,047          | 1,748,250                | 4,939,537               | 8,609,092                     |
| Shipbuilding and repairs.....                       | 13                       | 15,317,994         | 9,104          | 18,988,150               | 15,800,750              | 55,658,579                    |
| Wire and wire goods.....                            | 6                        | 2,086,713          | 356            | 602,251                  | 2,252,477               | 3,567,316                     |
| All other industries.....                           | 6                        | 54,026,659         | 10,910         | 19,323,738               | 11,372,787              | 45,896,940                    |
| Totals.....   | 142                      | 100,720,401        | 28,459         | 50,919,836               | 46,510,490              | 146,007,813                   |
| <b>Non-Ferrous Metal Products—</b>                  |                          |                    |                |                          |                         |                               |
| Brass and copper products.....                      | 15                       | 547,815            | 327            | 609,968                  | 607,010                 | 1,779,109                     |
| Electrical apparatus and supplies.....              | 11                       | 611,338            | 304            | 455,250                  | 625,600                 | 1,596,450                     |
| Jewellery and silverware.....                       | 4                        | 119,667            | 61             | 106,286                  | 56,048                  | 232,143                       |
| White metal alloys.....                             | 3                        | 362,982            | 69             | 104,330                  | 706,192                 | 941,181                       |
| All other industries.....                           | 1                        | 56,180             | 40             | 66,042                   | 38,400                  | 164,968                       |
| Totals.....   | 34                       | 1,697,982          | 801            | 1,404,876                | 2,033,250               | 4,713,846                     |
| <b>Non-Metallic Mineral Products—</b>               |                          |                    |                |                          |                         |                               |
| Cement products.....                                | 8                        | 298,134            | 82             | 136,034                  | 180,188                 | 361,101                       |
| Glass products.....                                 | 5                        | 207,128            | 55             | 53,534                   | 93,555                  | 188,039                       |
| Miscellaneous non-metallic mineral<br>products..... | 3                        | 153,595            | 45             | 100,882                  | 153,339                 | 377,374                       |
| Stone products.....                                 | 5                        | 89,661             | 16             | 21,189                   | 16,334                  | 62,473                        |
| All other industries.....                           | 8                        | 13,893,030         | 389            | 691,527                  | 5,892,235               | 9,107,740                     |
| Totals.....   | 29                       | 14,641,548         | 587            | 1,003,166                | 6,301,651               | 10,096,727                    |
| <b>Chemicals and Allied Products—</b>               |                          |                    |                |                          |                         |                               |
| Medicinal and pharmaceutical pre-<br>parations..... | 3                        | 77,522             | 31             | 31,313                   | 16,317                  | 110,380                       |
| Miscellaneous chemical products.....                | 7                        | 99,629             | 36             | 43,435                   | 46,414                  | 133,967                       |
| Paints, pigments and varnishes.....                 | 6                        | 866,415            | 115            | 176,391                  | 498,616                 | 1,023,812                     |
| Polishes and dressings.....                         | 3                        | 7,903              | 4              | 4,611                    | 4,525                   | 13,107                        |
| Soaps and washing compounds.....                    | 13                       | 354,094            | 93             | 126,120                  | 259,035                 | 539,408                       |
| All other industries.....                           | 10                       | 1,338,878          | 223            | 386,961                  | 1,198,953               | 2,747,411                     |
| Totals.....   | 42                       | 2,744,441          | 502            | 768,831                  | 2,024,460               | 4,538,085                     |
| <b>Miscellaneous Industries—</b>                    |                          |                    |                |                          |                         |                               |
| Brooms, brushes and mops.....                       | 5                        | 189,475            | 108            | 125,816                  | 133,859                 | 329,599                       |
| Ice, manufactured.....                              | 7                        | 1,211,508          | 86             | 134,198                  | 11,897                  | 355,301                       |
| Mattresses and springs.....                         | 3                        | 650,060            | 215            | 313,668                  | 652,520                 | 1,268,101                     |
| Musical instruments and materials.....              | 4                        | 18,354             | 7              | 6,567                    | 3,592                   | 9,961                         |
| Scientific and professional equip-<br>ment.....     | 4                        | 1,910,681          | 631            | 1,413,434                | 502,524                 | 2,146,831                     |
| Signs, neon, electric and other.....                | 3                        | 388,229            | 72             | 148,051                  | 22,905                  | 520,801                       |
| Stamps and stencils, rubber and<br>metal.....       | 7                        | 146,867            | 52             | 69,040                   | 24,558                  | 148,832                       |
| Statuary, art goods and novelties.....              | 4                        | 15,934             | 18             | 10,755                   | 6,577                   | 22,501                        |
| All other industries.....                           | 9                        | 196,193            | 126            | 147,928                  | 139,540                 | 357,516                       |
| Totals.....   | 46                       | 4,727,301          | 1,315          | 2,369,457                | 1,578,972               | 5,159,443                     |
| <b>Totals, Vancouver.....</b>                       | <b>898</b>               | <b>193,793,910</b> | <b>45,971</b>  | <b>81,659,815</b>        | <b>130,442,455</b>      | <b>288,196,900</b>            |

## APPENDIX II

### Alphabetical List of the Products Reported as having been Manufactured in Canada in 1943

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 27,652 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and furthermore the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of the iron and steel group. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.7 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 3.3 per cent. With the exception of this group, therefore, the incompleteness of the figures on this account, is insignificant.

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

## Alphabetical List of Products Manufactured in Canada, 1943

| Items  | Unit of Measure | Quantity      | Value       |
|--|-----------------|---------------|-------------|
|  |                 |               | \$          |
| Abrasive cloth   | —               | —             | •           |
| Abrasive paper   | —               | —             | •           |
| Abrasive wheels and segments                               | —               | —             | 5,114,962   |
| Absorbent cotton   | —               | —             | •           |
| Acetic anhydride   | —               | —             | •           |
| Acetone  | —               | —             | •           |
| Acetylene  | cu. ft.         | 114,111,166   | 2,657,631   |
| Acid, acetic   | —               | —             | •           |
| Acid, calcium phosphate                                    | —               | —             | •           |
| Acid, erucic   | —               | —             | •           |
| Acid, fatty, coconut, palm oil and tallow                  | —               | —             | 301,022     |
| Acid, hydrochloric (Muriatic)                              | —               | —             | •           |
| Acid, hydrofluosilicic                                     | —               | —             | •           |
| Acid, nitric   | —               | —             | •           |
| Acid, oleic  | —               | —             | •           |
| Acid, phosphoric   | —               | —             | •           |
| Acid, stearic  | —               | —             | •           |
| Acid, sulphuric  | —               | —             | •           |
| Adhesives, n.e.s.  | lb.             | 1,143,038,656 | 5,924,546   |
| Advertising matter, printed, n.e.s.                        | —               | —             | 323,552     |
| Advertising novelties (see "Novelties")                    | —               | —             | 13,662,981  |
| Agitators, mining and metallurgical                        | —               | —             | 48,399      |
| Agricultural implements and parts, not elsewhere specified | —               | —             | 4,150,213   |
| Air conditioning equipment                                 | —               | —             | 338,614     |
| Aircraft, including parts and repairs                      | —               | —             | 289,087,222 |
| Alcohol, butyl   | —               | —             | •           |
| Alcohol, denatured   | pr. gal.        | 7,985,816     | 4,013,340   |
| Alcohol, not denatured                                     | "               | 12,339,713    | 6,097,265   |
| Alcohol, ethyl and not specified                           | —               | —             | •           |
| Almond paste   | —               | —             | •           |
| Alumina, fused (crude)                                     | ton             | 190,727       | 20,543,657  |
| Alumina, fused (abrasive grains)                           | —               | —             | •           |
| Aluminum fluoride  | —               | —             | •           |
| Aluminum products not specified                            | —               | —             | 4,123,731   |
| Ammonia, anhydrous   | lb.             | 177,289,490   | 3,937,493   |
| Ammonia, aqua  | —               | —             | •           |
| Ammonia, liquid  | —               | —             | 11,841      |
| Ammonia, liquor  | —               | —             | 17,155      |
| Ammonia powder   | lb.             | 3,947,424     | 179,947     |
| Ammonium chloride  | —               | —             | •           |
| Ammonium hydroxide   | —               | —             | •           |
| Ammonium nitrate   | —               | —             | 9,051,906   |
| Ammonium perchlorate                                       | —               | —             | •           |
| Ammonium phosphate   | —               | —             | •           |
| Ammonium sulphate  | ton             | 198,082       | 6,243,230   |
| Ammunition (see Munitions and supplies)                    | —               | —             | •           |
| Amplifiers ( public address system)                        | —               | —             | •           |
| Amyl acetate   | —               | —             | •           |
| Anti-freeze preparations                                   | —               | —             | •           |
| Antimony, secondary  | —               | —             | •           |
| Apple butter   | lb.             | 945,206       | 94,282      |
| Apple pomace, chop and waste                               | "               | 4,456,532     | 101,483     |
| Apple juice concentrate                                    | "               | 11,113,341    | 953,454     |
| Apples, evaporated and dehydrated                          | "               | 12,731,795    | 1,749,705   |
| Aprons, fabric   | doz.            | 257,052       | 890,700     |
| Aprons, rubber and oiled                                   | "               | 6,777         | 93,970      |
| Arm bands  | "               | 14,692        | 17,297      |
| Art needlework   | —               | —             | 152,142     |
| Art work (printing)  | —               | —             | 839,253     |
| Asbestos clutch facings                                    | —               | —             | 179,781     |
| Asbestos gaskets   | —               | —             | 31,636      |
| Asbestos products, n.e.s.                                  | —               | —             | 638,039     |
| Asphalt  | Imp. gal.       | 45,907,559    | 3,794,709   |
| Asphalt emulsion   | gal.            | 2,804,945     | 352,913     |
| Asphalt products, not elsewhere specified                  | —               | —             | 611,906     |
| Atomizers  | —               | —             | •           |
| Automobiles, commercial—                                   |                 |               |             |
| 1 ton or less  | no.             | 11,424        | 12,306,540  |
| 1 ton and less than 1½ tons                                | "               | 208           | 229,434     |
| 1½ tons and less than 2 tons                               | "               | 3,266         | 2,248,470   |
| 2 tons and less than 2½ tons                               | "               | 15,224        | 11,420,570  |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity   | Value       |
|--|-----------------|------------|-------------|
|  |                 |            | \$          |
| <b>Automobiles, commercial—Concluded</b>                                       |                 |            |             |
| 2½ tons and less than 3½ tons  | no.             | 42,289     | 54,550,042  |
| 3½ tons and over   | "               | 40         | 265,649     |
| Other, including military vehicles   | "               | 105,630    | 141,356,112 |
| <b>Automobiles, passenger—</b>   |                 |            |             |
| Buses and bus bodies   | —               | —          | 366,766     |
| Automobile bodies and cabs   | —               | —          | 51,073,232  |
| Automobile parts and accessories, not specified                                | —               | —          | 125,531,375 |
| Automobile trailers  | —               | —          | 5,188,353   |
| Awnings and verandah curtains  | —               | —          | 533,792     |
| Axes and hutchets  | no.             | 780,614    | 650,610     |
| Axes and shafts, automobile  | —               | —          | 11,176,114  |
| Axes and parts, not specified  | —               | —          | —           |
| <b>Babbitt metal</b>   | lb.             | 3,826,064  | 984,920     |
| <b>Badges, rosettes, buttons, etc.</b>   | —               | —          | 1,031,073   |
| <b>Bags, fabric—</b>   |                 |            |             |
| Cotton   | doz.            | 6,022,553  | 11,640,429  |
| Jute   | "               | 4,040,556  | 10,376,845  |
| Sleeping   | —               | —          | 1,291,943   |
| Tea  | —               | —          | 122,773     |
| Fabric, not specified  | —               | —          | 2,055,537   |
| <b>Bags, leather and imitation leather—</b>                                    |                 |            |             |
| Club bags and suit cases   | —               | —          | 1,655,250   |
| Hand   | —               | —          | 4,743,787   |
| Shopping   | no.             | 156,816    | 121,745     |
| School   | "               | 126,507    | 83,860      |
| <b>Bags, paper—</b>  |                 |            |             |
| Glassine and cellophane  | —               | —          | 708,012     |
| Millinery  | —               | —          | 240,682     |
| Self-opening   | —               | —          | 2,765,588   |
| Paper, not specified   | —               | —          | 6,095,958   |
| <b>Bags, rubber, air and steam</b>   | no.             | 8,791      | 92,456      |
| <b>Bags, repaired</b>  | —               | —          | 1,115,284   |
| <b>Bale ties—quantity made</b>   | ton             | 4,332      | —           |
| quantity sold  | "               | 4,414      | 398,785     |
| <b>Ball and rod mills (metal working)</b>                                      | —               | —          | *           |
| <b>Balloons</b>  | —               | —          | *           |
| <b>Balls, golf, tennis, footballs, etc.</b>                                    | —               | —          | 419,022     |
| <b>Barium chlorate</b>   | —               | —          | *           |
| <b>Barley, pot and pearl</b>   | lb.             | 8,900,069  | 240,572     |
| <b>Barley, roasted</b>   | —               | —          | *           |
| <b>Barn and stable equipment, not elsewhere specified</b>                      | —               | —          | 337,894     |
| <b>Barrels, wooden—</b>  |                 |            |             |
| Apple, etc.  | no.             | 834,263    | 1,053,417   |
| Fish   | "               | 78,789     | 130,007     |
| Flour, sugar, etc.   | "               | 403,080    | 504,580     |
| Oil, vinegar, water, etc.  | "               | 333,746    | 1,105,957   |
| Whiskey, beer, etc., and other tight cooperage                                 | —               | —          | *           |
| <b>Barrels, steel</b>  | —               | —          | 1,473,320   |
| <b>Barrels, repaired, etc.</b>   | —               | —          | 111,798     |
| <b>Bars, iron and steel—</b>   |                 |            |             |
| Hot rolled, of all grades—   |                 |            |             |
| Quantity made  | net ton         | 537,413    | —           |
| Quantity sold  | "               | 470,556    | 42,081,805  |
| <b>Concrete reinforcing—</b>   |                 |            |             |
| Quantity made  | net ton         | 18,947     | —           |
| Quantity sold  | "               | 19,323     | 1,151,901   |
| All other, including cold rolled and cold drawn, spike rods, bolt stock, etc.— |                 |            |             |
| Quantity made  | net ton         | 56,169     | —           |
| Quantity sold  | "               | 54,862     | 7,399,757   |
| <b>Bars and ingots, sold—</b>  |                 |            |             |
| Aluminum   | lb.             | 8,899,954  | 1,473,208   |
| Brass  | "               | 10,067,941 | 1,392,319   |
| Bronze   | "               | 15,193,264 | 1,914,478   |
| <b>Basket bottoms</b>  | —               | —          | 29,514      |
| <b>Baskets and crates, fruit and vegetable</b>                                 | —               | —          | 1,858,160   |
| <b>Baskets, other, not specified</b>   | —               | —          | 656,192     |
| <b>Bathing caps</b>  | doz.            | 6,233      | 44,733      |
| <b>Bathing suits</b>   | "               | 64,016     | 1,009,900   |
| <b>Bathrobes, kimonos, lounging jackets, etc.—</b>                             |                 |            |             |
| Cotton   | doz.            | 43,992     | 1,078,208   |
| Silk and artificial silk mixed   | "               | 32,582     | 2,054,690   |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity   | Value      |
|---|-----------------|------------|------------|
|   |                 |            | \$         |
| <b>Bathrobes, kimonos, lounging jackets, etc.—Concluded</b>   |                 |            |            |
| Wool and flannel  | doz.            | 8,480      | 616,103    |
| Not specified   | —               | 29,978     | 890,000    |
| Bats, baseball  | no.             | 116,378    | 57,340     |
| <b>Batteries—</b>   |                 |            |            |
| Storage for automobiles and other internal combustion engines | —               | 1,092,433  | 5,377,085  |
| Storage for railway service                                   | —               | 8,664      | 141,540    |
| Storage, for motor cycle starting                             | —               | 5,088      | 18,985     |
| Storage, for telephone switch boards                          | —               | 4,392      | 111,672    |
| Storage, for farm lighting plants                             | —               | 48,731     | 315,388    |
| Storage, for all other purposes                               | —               | —          | 1,737,836  |
| Dry-cell, 6-inch  | no. of cells    | 1,963,590  | 576,289    |
| Dry-cell, flash-light   | —               | 18,061,082 | 1,099,310  |
| Dry-cell, radio, A, B, and C                                  | no.             | 5,176,751  | 2,344,544  |
| Parts, supplies and primary wet cells                         | —               | —          | 1,260,309  |
| Battery containers and parts                                  | —               | —          | 841,277    |
| Batting, wadding, floeks and rolls (including auto batts.)    | —               | —          | 1,377,358  |
| Beauty parlour and barber equipment, n.e.s.                   | —               | —          | 209,305    |
| <b>Beds and couches—</b>                                      |                 |            |            |
| Metal and iron beds   | no.             | 133,005    | 1,220,128  |
| Studio couches, metal   | —               | 10,147     | 261,807    |
| Studio couches, other   | —               | 55,367     | 1,400,023  |
| Metal couches, other  | —               | 0,150      | 1,433,010  |
| Metal and iron cots and bunks                                 | —               | 184,118    | 1,040,247  |
| Cribs, all kinds  | —               | 20,740     | 171,059    |
| Beds, camp and other, n.e.s.                                  | —               | —          | 27,414     |
| <b>Bedspreads and bed sets—</b>                               |                 |            |            |
| Cotton  | no.             | 224,918    | 1,323,277  |
| Silk and artificial silk                                      | —               | 57,141     | 233,002    |
| Not specified   | —               | 10,858     | 70,415     |
| Beef extract  | —               | —          | *          |
| Hookkeepers' supplies, not elsewhere specified                | —               | —          | 433,570    |
| <b>Beer, ale, stout and porter—</b>                           |                 |            |            |
| In barrels  | gal.            | 20,442,596 | 27,238,811 |
| In bottles  | —               | 60,248,562 | 87,519,955 |
| Beer, apruse  | —               | 184,933    | 80,134     |
| Beet pulp, wet and dried                                      | —               | —          | 307,876    |
| Bells and gongs   | —               | —          | *          |
| Belting, cotton   | —               | —          | *          |
| Belting, leather (transmission)                               | lb.             | 823,424    | 1,615,819  |
| Belts, automobile, fan  | no.             | 1,130,017  | 403,943    |
| Belting, rubber   | lb.             | 4,904,100  | 2,777,478  |
| Belts, rubber, not specified                                  | no.             | 370,901    | 354,021    |
| Belts and aprons, sanitary                                    | —               | —          | 68,059     |
| Belts, body, not specified                                    | —               | —          | 1,164,463  |
| Benzol  | Imp. gal.       | 5,823,478  | 818,650    |
| Bicycles  | no.             | 47,673     | 1,265,144  |
| Bicycle parts   | —               | —          | 40,539     |
| Billiard and bowling supplies, n.e.s.                         | —               | —          | 166,408    |
| Binders, loose-leaf and other                                 | —               | —          | 1,112,455  |
| Binders, grain and corn                                       | —               | —          | 2,453,704  |
| Binding and stitching (trade work)                            | —               | —          | 789,928    |
| Bindings (see also tapes)                                     | —               | —          | 759,754    |
| Bins and hoppers  | —               | —          | 600,868    |
| Biological products, n.e.s.                                   | —               | —          | 888,104    |
| Biscuits, plain and fancy                                     | ton             | 47,511     | 15,754,754 |
| Biscuits, pretzels and rusks                                  | —               | —          | *          |
| Biscuits, soda  | ton             | 25,524     | 7,945,543  |
| Black, acetylene  | —               | —          | *          |
| Blackboards, asbestos   | —               | —          | *          |
| <b>Blankets—</b>  |                 |            |            |
| Cotton  | pair            | 1,654,559  | *          |
| or  | lb.             | 5,134,249  | 2,678,605  |
| Cotton, mixed   | pair            | 173,801    | *          |
| or  | lb.             | 1,032,105  | 702,100    |
| Cotton, warp  | pair            | 97,312     | *          |
| or  | lb.             | 607,146    | 300,303    |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure   | Quantity            | Value<br>\$ |
|---|-------------------|---------------------|-------------|
| Blankets— <i>Concluded</i>  |                   |                     |             |
| Wool.....   | pair<br>or<br>lb. | 671,879             |             |
| Not specified.....  | pair<br>or<br>lb. | 5,238,064<br>13,174 | 5,300,477   |
| Slumber throws.....   | no.               | 87,093              | 80,793      |
| Blankets, horse.....  | no.               | 66,341              | 248,588     |
| Bleaching compounds.....  | "                 | 81,221              | 229,000     |
| Blinds, venetian (see "shades and blinds").....                                   | "                 | "                   | "           |
| Blooms, billets and slabs.....  | "                 | "                   | 13,906,485  |
| Blouses, women's.....   | doz.              | 380,596             | 6,110,623   |
| Blouses and shirtwaists, boy's (see "shirts").....                                | "                 | "                   | "           |
| Blow torches.....   | "                 | "                   | "           |
| Blowers, furnace.....   | no.               | 1,991               | 37,409      |
| Blue, laundry.....  | "                 | "                   | 120,014     |
| Boats, life and whale.....  | "                 | "                   | 1,528,760   |
| Boats, motor.....   | "                 | 113                 | 164,026     |
| Boats, outboard motor.....  | no.               | 784                 | 74,620      |
| Boats, scows, tugs, and other craft.....  | "                 | "                   | 3,419,917   |
| Boats, sail.....  | no.               | 112                 | 23,973      |
| Boats, other, including row boats, skiffs, etc.....                               | "                 | 2,500               | 123,832     |
| Boiler compounds.....   | "                 | "                   | 806,074     |
| Boilers, heating.....   | no.               | 11,067              | 5,242,281   |
| Boilers, heating and power.....   | "                 | "                   | 2,501,193   |
| Boilers, power.....   | "                 | "                   | 9,374,257   |
| Boilers, range.....   | "                 | "                   | 696,735     |
| Boilers, steam.....   | "                 | "                   | "           |
| Boiler parts and accessories.....   | "                 | "                   | 2,267,475   |
| Bologna and blood pudding.....  | lb.               | 3,560,568           | 526,301     |
| Bolts, nuts and rivets.....   | "                 | "                   | 12,119,083  |
| Bone meal.....  | lb.               | 1,279,065           | 25,961      |
| Bone, raw, ground, etc.....   | "                 | "                   | 190,276     |
| Books, printed and bound.....   | "                 | "                   | 4,956,418   |
| Books and pads, drawing, exercise, scribblers, etc., not elsewhere specified..... | "                 | "                   | 1,646,930   |
| Books, ledger and account.....  | "                 | "                   | 442,351     |
| Books, counter, check, sales, etc.....  | "                 | "                   | 1,143,592   |
| Books, blank, bound, not specified.....   | "                 | "                   | 688,122     |
| Baron carbide.....  | "                 | "                   | "           |
| Bottles, thermos.....   | "                 | "                   | "           |
| Bowling supplies.....   | "                 | "                   | 214,451     |
| Box toes.....   | pr.               | 7,947,564           | 163,276     |
| Boxes, paper—   |                   |                     |             |
| Corrugated.....   | "                 | "                   | 18,805,937  |
| Fibre board.....  | "                 | "                   | 633,140     |
| Folding.....  | "                 | "                   | 12,889,842  |
| Mailing tubes and other round.....  | "                 | "                   | 112,078     |
| Set-up.....   | "                 | "                   | 7,236,924   |
| Not specified.....  | "                 | "                   | 193,196     |
| Boxes, wooden—  |                   |                     |             |
| Berry.....  | no.               | 38,297,682          | 174,533     |
| Butter.....   | "                 | 1,815,251           | 785,992     |
| Cheese.....   | "                 | 1,605,822           | 573,441     |
| Cigar and tobacco.....  | "                 | "                   | "           |
| Fish.....   | no.               | 1,427,529           | 404,673     |
| All other boxes and containers, not specified.....                                | "                 | "                   | 15,540,258  |
| Brads and gimps.....  | "                 | "                   | 688,393     |
| Brake beams and parts.....  | "                 | "                   | 157,308     |
| Brakes, auto, and parts.....  | "                 | "                   | 3,889,210   |
| Brakes, brake shoes and parts.....  | "                 | "                   | 1,237,486   |
| Bran.....   | ton               | 332,689             | 8,049,312   |
| Brass alloys.....   | lb.               | 6,404,552           | 840,684     |
| Brass products, not specified.....  | "                 | "                   | 12,796      |
| Bread.....  | lb.               | 1,244,265,552       | 68,903,553  |
| Breakfast foods (see "cereal products").....                                      | "                 | "                   | "           |
| Bricks, cement.....   | "                 | "                   | 97,034      |
| Bricks, from domestic clay.....   | M                 | 138,829             | 2,817,731   |
| Bricks, sand-lime.....  | "                 | "                   | 129,148     |
| Briquettes, coal and coke.....  | "                 | "                   | "           |
| Brooms—   |                   |                     |             |
| Corn.....   | doz.              | 312,195             | 1,598,026   |
| Fibre.....  | "                 | 19,658              | 201,572     |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity      | Value         |
|---|-----------------|---------------|---------------|
|   |                 |               | \$            |
| <i>Brooms—Concluded</i>                                     |                 |               |               |
| Hair  | doz.            | 3, 235        | 84, 584       |
| Toy   | "               | 12, 423       | 17, 002       |
| Other   | "               | —             | 25, 026       |
| Bronze alloys   | lb.             | 13, 216, 878  | 1, 905, 715   |
| Bronze products, n.e.s.                                     | "               | —             | 93, 750       |
| <i>Brushes—</i>   |                 |               |               |
| Made of corn and fibre                                      | doz.            | 88, 031       | 147, 298      |
| Clothes   | "               | 21, 500       | 86, 166       |
| Generator and motor   | "               | —             | 500, 904      |
| Hair  | doz.            | 59, 278       | 417, 339      |
| Nail  | "               | 33, 847       | 37, 106       |
| Paint   | "               | 366, 315      | 1, 527, 427   |
| Shaving   | "               | 114, 507      | 599, 006      |
| Shoe  | "               | 68, 647       | 144, 528      |
| Tooth   | "               | 633, 395      | 875, 717      |
| For household purposes                                      | "               | 295, 011      | 736, 329      |
| For industrial use  | "               | 210, 034      | 1, 105, 672   |
| Other, not specified  | "               | —             | 554, 698      |
| Brush blocks, backs, etc.                                   | "               | —             | 57, 765       |
| Buckles, clips, etc.  | "               | —             | 197, 428      |
| Buffing composition   | "               | —             | •             |
| Buffing wheels  | "               | —             | •             |
| Buffs, polishing, cotton                                    | "               | —             | •             |
| Building blocks, hollow, cement, cinder, sand-lime, etc.    | "               | —             | 1, 116, 890   |
| Bungs, barrel   | "               | —             | 17, 183       |
| Buns  | "               | —             | 9, 263, 415   |
| Burners, lamp and lantern                                   | "               | —             | •             |
| Butane  | "               | —             | •             |
| Butter, factory made  | lb.             | 311, 709, 476 | 105, 103, 734 |
| Butter, whey, factory made                                  | "               | 2, 109, 866   | 683, 661      |
| <i>Buttons—</i>   |                 |               |               |
| Celluloid   | gr.             | 63, 680       | 156, 121      |
| Plastic materials   | "               | 945, 215      | 530, 922      |
| Metal   | "               | 1, 752, 664   | 358, 694      |
| Moulded   | "               | 3, 209, 439   | 817, 172      |
| Pearl   | "               | 646, 740      | 368, 127      |
| Covered   | "               | 37, 800       | 26, 235       |
| Not specified   | "               | —             | 465, 833      |
| Button covering, hemstitching, etc.                         | "               | —             | 805, 698      |
| Butyl acetate   | "               | —             | •             |
| <i>Cybinets, medicine</i>                                   |                 |               |               |
| Calcium chloride  | "               | —             | •             |
| Calcium carbide   | "               | —             | •             |
| Calcium cyanamide   | "               | —             | •             |
| Calcium cyanide   | "               | —             | •             |
| Calcium phosphide   | "               | —             | •             |
| Calcium stearate  | "               | —             | •             |
| Calks, horseshoe and other                                  | "               | —             | 91, 953       |
| Camel back  | lb.             | 1, 539, 072   | 474, 880      |
| Cameras   | "               | —             | •             |
| Candles   | "               | —             | 1, 033, 571   |
| Candlesticks, n.e.s.  | "               | —             | 47, 408       |
| Candy sticks  | "               | —             | 36, 167       |
| Canoes  | no.             | 2, 855        | 190, 609      |
| Cans, paper, metal ends                                     | "               | 97, 063, 563  | 2, 593, 612   |
| Cans, fibre   | "               | 7, 328, 925   | 273, 558      |
| Cans, milk and cream  | "               | 36, 192, 455  | 749, 134      |
| Cans, tin, packers' sanitary                                | no.             | 505, 884, 833 | 13, 908, 123  |
| Cans, tin and metal, other                                  | "               | —             | 8, 640, 428   |
| Canvas and canvas goods, not elsewhere specified            | "               | —             | 832, 835      |
| Capacitors, (static condensers) for power factor correction | "               | —             | •             |
| <i>Caps—</i>  |                 |               |               |
| Cloth   | doz.            | 186, 183      | 1, 511, 875   |
| Cotton  | "               | 60, 503       | 180, 785      |
| Fur   | "               | 7, 459        | 230, 928      |
| Leather   | "               | 17, 985       | 169, 728      |
| Sport   | "               | 38, 099       | 169, 578      |
| Uniform   | "               | 165, 854      | 1, 885, 831   |
| Not specified   | "               | 10, 082       | 63, 687       |
| Caps, bottle, paper   | "               | —             | 902, 405      |
| Caps, bottle, metal and other                               | "               | —             | 5, 194, 341   |
| Carbamite   | "               | —             | •             |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity   | Value      |
|---|-----------------|------------|------------|
|   |                 |            | \$         |
| Carbon dioxide gas                              | —               | —          | 37,582     |
| Carbon dioxide in cylinders                     | lb.             | 10,237,893 | 800,905    |
| Carbon dioxide, solid                           | —               | 9,701,577  | 307,264    |
| Carbon bisulphide                               | —               | —          | —          |
| Carbons, illuminating, for lamps                | —               | —          | —          |
| Carbon products, not specified                  | —               | —          | 36,252     |
| Cards, greeting                                 | —               | —          | 3,254,563  |
| Cards, playing                                  | —               | —          | —          |
| Cards, visiting                                 | M               | 14,777     | 41,240     |
| Carpets, mats and rugs—                         |                 |            |            |
| Carpets in rolls, including stair—              |                 |            |            |
| Axminster                                       | carpet yd.      | 262,790    | 616,184    |
| Wilton  | —               | 219,400    | 818,820    |
| Other, not specified                            | —               | 11,154     | 17,535     |
| Carpets in squares, 4'6" by 7'6" or larger—     |                 |            |            |
| Axminster                                       | —               | 558,270    | 1,311,627  |
| Wilton  | —               | 122,257    | 461,362    |
| Other   | —               | 10,080     | 32,026     |
| Small squares and runners—                      |                 |            |            |
| Axminster                                       | —               | 92,936     | 230,079    |
| Wilton  | —               | 35,047     | 143,048    |
| Other, not specified                            | —               | 54,341     | 136,069    |
| Rugs made from old carpets                      | —               | —          | 227,404    |
| Rugs and carpets not specified                  | —               | —          | 446,083    |
| Carpet sweepers                                 | —               | —          | —          |
| Carriages and wagons, complete                  | —               | —          | 156,760    |
| Carriages and sleighs, baby                     | —               | —          | 1,442,449  |
| Carriage and wagon bodies and boxes             | —               | —          | 34,860     |
| Carriage and wagon materials                    | —               | —          | 392,942    |
| Carriers, litter                                | —               | —          | —          |
| Cars, steam railway, new                        | no.             | 6,248      | 24,706,354 |
| Cars, mining                                    | —               | —          | —          |
| Cars, dump, hand, push and other not specified  | —               | —          | 650,684    |
| Carvings, wood and other                        | —               | —          | 25,896     |
| Casein  | lb.             | 3,142,479  | 659,313    |
| Cases, clock                                    | —               | —          | —          |
| Cases, eye-glass and jewellery                  | —               | —          | 409,530    |
| Cases, key                                      | no.             | 148,940    | 20,021     |
| Cases, leather and imitation leather, all kinds | —               | —          | 264,582    |
| Cases, toiletware and silverware                | —               | —          | 128,096    |
| Cases, not specified                            | —               | —          | 940,564    |
| Caskets   | no.             | 91,216     | 2,828,792  |
| Casks, fish                                     | —               | 13,556     | 22,875     |
| Casks, other                                    | —               | —          | 1,503      |
| Castings—                                       |                 |            |            |
| Aluminium                                       | lb.             | 6,190,630  | 5,084,993  |
| Brass   | —               | —          | 4,221,145  |
| Bronze  | —               | 35,693,737 | 8,887,874  |
| Copper  | —               | 150,704    | 36,371     |
| Die   | —               | 19,721,158 | 5,277,810  |
| Grey iron                                       | ton             | 274,489    | 21,608,365 |
| Malleable iron                                  | —               | 44,148     | 7,368,001  |
| Iron, not specified                             | —               | —          | —          |
| Lead  | lb.             | 882,900    | 70,991     |
| Steel—  |                 |            |            |
| Quantity made                                   | net ton         | 157,388    | —          |
| Quantity sold                                   | —               | 123,865    | 28,182,205 |
| Castings, not specified                         | —               | —          | 389,888    |
| Castors, all kinds                              | —               | —          | 336,345    |
| Catalogues, printed, etc.                       | —               | —          | 3,389,847  |
| Ceiling and siding, metal                       | —               | —          | 7,915      |
| Cellophane products, not elsewhere specified    | —               | —          | —          |
| Celluloid products, not specified               | —               | —          | 133,059    |
| Cellulose products, n.e.s.                      | —               | —          | 307,560    |
| Cement, Portland                                | bbl.            | 7,302,289  | 12,709,852 |
| Cement, roofing                                 | —               | —          | —          |
| Cement, rubber                                  | —               | —          | 415,036    |
| Cements and cement products, not specified      | —               | —          | 845,689    |
| Cereal products, prepared ready to serve        | lb.             | 85,920,470 | 11,780,119 |
| Cereal products, unprepared                     | —               | 38,374,128 | 1,757,556  |
| Cerulose  | —               | —          | —          |
| Certificates, stock, bond, etc., printed        | —               | —          | 1,909,702  |
| Chains, automobile                              | —               | —          | 3,344,359  |

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



## Alphabetical List of Products Manufactured in Canada, 1913—Con.

| Items  | Unit of Measure | Quantity    | Value        |
|--|-----------------|-------------|--------------|
| Chains, other than automobile, including sprocket chain..... | --              | --          | \$ 4,054,351 |
| Charcoal products.....                                       | --              | --          | 293,910      |
| Chaplets, foundry.....                                       | --              | --          | 108,164      |
| Chaps.....   | --              | --          | *            |
| Charcoal.....  | --              | --          | 901,078      |
| Cheese, Canadian cheddar.....                                | lb.             | 165,527,733 | 33,550,326   |
| Cheese, other than cheddar.....                              | "               | 2,348,768   | 817,696      |
| Cheese, skim milk and cottage.....                           | "               | 3,005,086   | 440,787      |
| Cheese, processed and packed.....                            | "               | 35,070,129  | 10,589,766   |
| Cheesecloth.....   | --              | --          | 517,729      |
| Chemical products, not elsewhere specified.....              | --              | --          | 1,435,966    |
| Cheques, notes, drafts, bank notes, etc., printed.....       | --              | --          | 845,323      |
| Chests, cedar.....   | no.             | 27,264      | 423,988      |
| Chests, other wood.....                                      | --              | --          | 16,825       |
| Chewing gum.....   | boxes           | 8,781,875   | 4,837,697    |
| Chicken, canned (see "meats, canned").....                   | --              | --          | *            |
| Chicory, roasted.....  | --              | --          | *            |
| Children's wear, not elsewhere specified.....                | --              | --          | 535,061      |
| Chloride of lime.....  | --              | --          | 127,755      |
| Chlorine, liquid.....  | --              | --          | 1,084,228    |
| Chocolate coating.....                                       | lb.             | 9,347,736   | 1,737,780    |
| Choppers, food.....  | --              | --          | *            |
| Churns.....  | --              | --          | 72,877       |
| Cider (for sale).....  | gal.            | 161,734     | 72,290       |
| Cigars.....  | M               | 200,370     | 9,665,753    |
| Cigarettes.....  | "               | 13,591,320  | 185,933,531  |
| Cinder blocks (see "building blocks").....                   | --              | --          | *            |
| Classifiers (metal working).....                             | --              | --          | 55,470       |
| Clay, bentonite and other.....                               | --              | --          | 219,614      |
| Cleaners, vacuum—  |                 |             |              |
| Floor models.....  | no.             | 2,577       | 70,850       |
| Not specified and parts.....                                 | --              | --          | 162,041      |
| Cleaner, hand.....   | --              | --          | 197,679      |
| Cleaning and scouring powder and paste.....                  | --              | --          | 1,316,738    |
| Cleaning preparations, other.....                            | --              | --          | 830,675      |
| Clips, wire.....   | --              | --          | 120,530      |
| Clocks.....  | --              | --          | 484,858      |
| Cloth, gummed.....   | --              | --          | *            |
| Clothes pins.....  | --              | --          | 156,530      |
| Clothing, rubber, n.e.s.....                                 | --              | --          | 1,254,878    |
| Clothing, anti-gas.....                                      | --              | --          | 2,476,537    |
| Clothing, military, not elsewhere specified.....             | --              | --          | 3,605,162    |
| Clothing, safety.....  | --              | --          | 112,341      |
| Clothing, sport and athletic—                                |                 |             |              |
| Jackets and blazers (see "coats, jackets, etc.").....        | --              | --          | *            |
| Suits.....   | --              | --          | 2,383,427    |
| Shacks.....  | --              | --          | 2,403,552    |
| Shorts.....  | doz.            | 124,321     | 881,283      |
| Parkas and hoods.....  | --              | --          | 1,079,948    |
| Other sport clothing.....                                    | --              | --          | 281,145      |
| Clothing, hospital.....                                      | --              | --          | 347,512      |
| Clothing, oiled and waterproofed.....                        | --              | --          | 2,184,454    |
| Clothing, not specified.....                                 | --              | --          | 759,565      |
| Coats, boys' and men's—                                      |                 |             |              |
| Boy's overcoats and reefers.....                             | no.             | 104,584     | 888,212      |
| Men's overcoats.....   | "               | 1,156,000   | 18,924,684   |
| Men's and boys' separate jackets, woollen.....               | "               | 801,996     | 5,462,639    |
| Men's and boys' separate jackets, other.....                 | "               | 274,813     | 400,451      |
| Coats and cloaks, women's—                                   |                 |             |              |
| Silk and artificial silk.....                                | no.             | 14,248      | 185,430      |
| Woollen.....   | "               | 1,434,029   | 25,696,627   |
| Other.....   | "               | 78,576      | 990,067      |
| Coats, children's—   |                 |             |              |
| Woollen.....   | no.             | 510,035     | 3,080,162    |
| Other.....   | "               | 41,036      | 133,614      |
| Coats, other—  |                 |             |              |
| Jackets and blazers.....                                     | no.             | 502,254     | 1,064,028    |
| Windbreakers.....  | doz.            | 148,730     | 5,347,002    |
| Leather coats and vests, not elsewhere specified.....        | "               | 14,326      | 1,354,700    |
| Mackinaws.....   | "               | 14,387      | 1,200,247    |
| Washable coats, men's and boys.....                          | "               | 389         | 34,182       |
| Rubber and rubberized coats.....                             | "               | 8,227       | 446,145      |
| Waterproofed and oiled coats, other.....                     | "               | 60,203      | 4,838,201    |
| Other coats, not specified.....                              | --              | --          | 1,626,716    |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity   | Value      |
|--|-----------------|------------|------------|
| \$   |                 |            |            |
| Coats, other— <i>Concluded</i>                             |                 |            |            |
| Coats, fur—  |                 |            |            |
| Children's   | no.             | 373        | 10,867     |
| Ladies' (coats and capes)                                  | "               | 194,447    | 27,155,511 |
| Men's  | "               | 1,248      | 191,549    |
| Coats, fur-lined   |                 | 1,055      | 155,248    |
| Branch coats and house coats                               | doz.            | 15,768     | 267,991    |
| Coat shells and plates                                     |                 |            | 681,607    |
| Cobalt naphthalate   |                 |            |            |
| Cocoa (made for sale)                                      | lb.             | 11,816,162 | 1,804,652  |
| Cocoa butter—  |                 |            |            |
| Made for own use   | "               | 6,767,073  | -          |
| Made for sale  | "               | 4,993,919  | 1,374,544  |
| Cocoa and chocolate preparations, not specified (for sale) |                 | 1,819,629  | 455,051    |
| Coffee, roasted  | lb.             | 41,143,412 | 14,510,050 |
| Coffee substitute  | "               | 1,134,135  | 201,503    |
| Coffee makers, non-electric                                |                 |            | 191,333    |
| Coffins  | no              | 16,275     | 276,074    |
| Coffins, box: (shells)                                     | "               | 72,870     | 367,793    |
| Coils  |                 |            | 145,277    |
| Coke, gas-house  | ton             | 3,551,773  | 31,339,978 |
| Coke, petroleum  | "               | 85,312     | 616,837    |
| Coke, pitch  | "               | 17,995     | 147,935    |
| Cold storage equipment                                     |                 |            | 39,035     |
| Collars and cuffs, men's                                   |                 |            | 175,343    |
| Collars, fur   | no.             | 143,689    | 1,703,233  |
| Colours, butter, cheese and other                          |                 |            | 245,516    |
| Colours, dry   |                 |            | 1,267,951  |
| Colours, in oil and japan                                  | lb.             | 883,172    | 203,474    |
| Combs  |                 |            |            |
| Comforters—  |                 |            |            |
| Cotton   | no.             | 159,632    | 425,640    |
| Down   | "               | 15,975     | 197,437    |
| Wool   | "               | 47,270     | 215,135    |
| Not specified  | "               | 12,272     | 62,467     |
| Communication systems, radio and radar equipment, etc.     |                 |            | 2,590,087  |
| Compressors, air   |                 |            | 1,873,357  |
| Concrete, ready mixed                                      | cu. yd          | 225,022    | 1,395,010  |
| Conduit, electrical, rigid iron                            | lb.             | 16,870,384 | 56,066     |
| Conduit, electrical, flexible                              |                 |            | 763,113    |
| Conduit fittings   |                 |            | 259,755    |
| Conduit, not specified                                     |                 |            | 756,897    |
| Cones, ice cream   | M               | 356,623    | 237,442    |
| Cones and tubes, textile winding                           |                 |            |            |
| Confectionery, chocolate—                                  |                 |            |            |
| In bulk  | lb.             | 21,587,931 | 6,404,571  |
| In bars  | doz.            | 42,421,069 | 10,175,086 |
| In packages  | lb.             | 11,057,963 | 4,254,179  |
| Confectionery sugar—                                       |                 |            |            |
| In bulk  | lb.             | 44,319,639 | 7,534,921  |
| In bars  | doz.            | 4,200,144  | 1,049,721  |
| In packages  | lb.             | 7,365,183  | 2,407,275  |
| Penny goods  | gr.             | 1,286,671  | 1,265,382  |
| Lozenges   |                 |            | 421,648    |
| Confectionery, not specified                               |                 |            | 755,869    |
| Containers, not specified                                  |                 |            | 3,435,034  |
| Control and starting equipment, not elsewhere specified    |                 |            | 4,574,064  |
| Converter equipment, electrical                            |                 |            | 153,992    |
| Coolers, milk  |                 |            | 12,845     |
| Copperage products, not specified                          |                 |            |            |
| Copper alloys  |                 |            |            |
| Copper carbonate and copper cyanide                        |                 |            |            |
| Copper naphthalate   |                 |            |            |
| Copper products, not specified                             |                 |            | 109,950    |
| Cores, for paper rolls                                     |                 |            | 671,174    |
| Cores, radiator  |                 |            | 183,836    |
| Cores, textile winding                                     |                 |            |            |
| Corn, cracked  | lb.             | 13,782,389 | 362,185    |
| Corsets, girdles, brassieres, etc.—                        |                 |            |            |
| Corsets  | doz.            | 143,212    | 3,298,623  |
| Combination garments                                       | "               | 36,781     | 1,220,102  |
| Bandeaux, brassieres, etc.                                 | "               | 364,926    | 2,175,446  |
| Suspender girdles, shoulder straps, etc.                   | "               |            | 134,524    |
| Corset steels, and clasps                                  | "               |            | 198,855    |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity    | Value      |
|--|-----------------|-------------|------------|
|  |                 |             | \$         |
| Cotter pins.....   | —               | —           | •          |
| Cotton fabrics—  |                 |             |            |
| Unbleached or grey.....                                  | lb.             | 70,007,630  | —          |
|  | y.d.            | 189,409,198 | 33,371,433 |
| Bleached or white.....                                   | lb.             | 8,916,329   | —          |
|  | y.d.            | 30,499,248  | 5,466,831  |
| Yarn and stock dyed.....                                 | lb.             | 12,863,554  | —          |
|  | y.d.            | 32,704,289  | 0,450,842  |
| Piece dyed.....  | lb.             | 24,040,060  | —          |
|  | y.d.            | 68,331,111  | 16,351,066 |
| Printed and painted.....                                 | lb.             | 13,975,886  | —          |
|  | y.d.            | 60,935,380  | 10,207,058 |
| Pillow cotton.....                                       | lb.             | 622,056     | —          |
|  | y.d.            | 1,522,777   | 360,643    |
| Cotton and continuous filament, artificial silk mixed—   |                 |             |            |
| Piece dyed.....  | lb.             | 619,406     | —          |
|  | y.d.            | 1,515,625   | 677,577    |
| Bleached.....  | lb.             | 25,322      | —          |
|  | y.d.            | 60,826      | 24,105     |
| Other.....   | lb.             | 2,313       | —          |
|  | y.d.            | 6,940       | 579        |
| Not specified.....                                       | —               | —           | 2,508,939  |
| Counters, shoe.....                                      | pr.             | 32,420,158  | 621,743    |
| Covering, boiler and pipe, asbestos.....                 | —               | —           | 801,017    |
| Covers, canvas.....                                      | —               | —           | 7,680,842  |
| Covers, couch, table, and other furniture.....           | —               | —           | 243,246    |
| Covers, mattress.....                                    | —               | —           | 228,308    |
| Covers, radiator, tire, seat, etc., fabric.....          | —               | —           | 269,030    |
| Covers, not specified.....                               | —               | —           | 1,599,996  |
| Crackings and fats.....                                  | lb.             | 29,478,821  | 644,004    |
| Crayons, wax and chalk.....                              | —               | —           | 186,814    |
| Cream curd.....  | —               | —           | 133,694    |
| Cream, sold in dairy factories.....                      | lb.             | 18,191,262  | 12,881,003 |
| Cream, whry, sold in dairy factories.....                | "               | 1,020,573   | 309,767    |
| Cream of tartar, refined.....                            | "               | 183,911     | 156,892    |
| Cream of tartar substitute.....                          | —               | —           | —          |
| Cream separators.....                                    | no.             | 13,081      | 866,073    |
| Cresols.....   | —               | —           | —          |
| Croquet sets.....  | —               | —           | —          |
| Cross arms.....  | —               | —           | 126,361    |
| Crucibles, clay.....                                     | —               | —           | —          |
| Crushers and parts.....                                  | —               | —           | 50,704     |
| Cuffs, fur.....  | pr.             | 18,329      | 93,231     |
| Cultivators.....   | —               | —           | 275,634    |
| Cumene.....  | —               | —           | —          |
| Cups, paper, drinking.....                               | —               | —           | 909,400    |
| Curtains, shower.....                                    | —               | —           | 15,812     |
| Curtains, window.....                                    | —               | —           | 1,759,940  |
| Curtain material.....                                    | —               | —           | 194,624    |
| Curtain rods and fixtures.....                           | —               | —           | 202,871    |
| Cushions.....  | —               | —           | 480,336    |
| Cushion forms.....                                       | no.             | 248,772     | 122,637    |
| Cushions and mattresses, air and sponge.....             | doz.            | 829         | 12,091     |
| Cutlery, all kinds.....                                  | —               | —           | 924,138    |
| Dairy products, not specified.....                       | —               | —           | 118,756    |
| Dairy equipment, not specified.....                      | —               | —           | •          |
| Decorations, including party favours, confetti, etc..... | —               | —           | —          |
| Dentifrices.....   | —               | —           | 3,345,740  |
| Dentists' supplies, not elsewhere specified.....         | —               | —           | 226,905    |
| Deodorant.....   | —               | —           | 320,265    |
| Depressors, tongue.....                                  | —               | —           | 26,350     |
| Desk sets.....   | —               | —           | 39,352     |
| Dextrine.....  | —               | —           | 689,621    |
| Dextrose (see glucose).....                              | —               | —           | —          |
| Diaries printed etc.....                                 | —               | —           | 109,310    |
| Dibutyl phthalate.....                                   | —               | —           | —          |
| Dicyanamide.....   | —               | —           | —          |
| Dies, aluminum.....                                      | —               | —           | —          |
| Dies, stamping, drawing and cutting.....                 | —               | —           | 450,338    |
| Dies, metal working, n.e.s.....                          | —               | —           | 1,645,708  |
| Dies, taps and stocks.....                               | —               | —           | 426,102    |
| Dies, rubber, n.s.....                                   | —               | —           | 131,139    |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity   | Value      |
|--|-----------------|------------|------------|
|  |                 |            | \$         |
| Diggers, potato.....   | —               | —          | •          |
| Dinnerware, china.....   | —               | —          | •          |
| Diphenylamine.....   | —               | —          | •          |
| Discs, agricultural.....   | no.             | 4,696      | 767,993    |
| Dish cloths.....   | doz.            | 158,015    | 92,530     |
| Disinfectants.....   | —               | —          | 825,656    |
| Display forms, and mounting.....                                       | —               | —          | 395,000    |
| Display stands.....  | —               | —          | 16,954     |
| Distillers' grain.....   | —               | —          | 524,849    |
| Dog collars.....   | no.             | 116,782    | 23,657     |
| Doilies, paper, dinner cloths, etc.....                                | —               | —          | 115,900    |
| Dolls of all kinds.....  | doz.            | 116,884    | 848,413    |
| Dolls' furnishings and parts.....                                      | —               | —          | 9,656      |
| Doors, steel rolling, kalomein and hollow metal.....                   | —               | —          | 283,733    |
| Dowels.....  | —               | —          | 262,319    |
| Draperies and drapery material.....                                    | —               | —          | 131,337    |
| Dresses, women's and misses—   |                 |            |            |
| Cotton (see also "coats, brunch coats, house coats," etc.)....         | no.             | 4,867,507  | 6,740,848  |
| Linen.....   | "               | 3,755      | 21,809     |
| Artificial silk and mixtures.....                                      | no.             | 7,421,489  | 29,036,961 |
| Velvet.....  | "               | 53,087     | 389,969    |
| Woolen.....  | "               | 466,981    | 3,656,652  |
| Not specified.....   | "               | 564        | 4,371      |
| Dresses, children's—   |                 |            |            |
| Cotton.....  | no.             | 2,102,346  | 1,680,742  |
| Artificial silk and mixtures.....                                      | "               | 1,049,272  | 1,433,650  |
| Woolen.....  | "               | 117,814    | 245,715    |
| Not specified.....   | "               | 636        | 1,431      |
| Dressing gowns, negligees (see "bathrobes," etc.).....                 |                 |            |            |
| Dressing, salad.....   | lb.             | 9,233,736  | 2,047,921  |
| Drilling machines.....   | —               | —          | 623,249    |
| Drills, grain.....   | no.             | 6,906      | 1,335,105  |
| Drills, twist and other.....   | —               | —          | 6,948,175  |
| Drills, mining and metallurgical.....                                  | —               | —          | 1,163,768  |
| Druggists' sundries—   |                 |            |            |
| Hot water bottles.....   | doz.            | 19,118     | 107,252    |
| Finger cuts and pads.....  | "               | 22,174     | 6,502      |
| Nipples and soothers.....  | "               | 530,456    | 143,203    |
| Ice caps and collars.....  | "               | 3,829      | 19,753     |
| Not specified.....   | —               | —          | 5,269      |
| Drums, veneer and plywood.....   | no.             | 172,041    | 144,573    |
| Dyeing, finishing, shrinking, etc.—†                                   |                 |            |            |
| Dyeing and finishing of textiles.....                                  | yd.             | 69,406,144 | 4,579,314  |
| Dyeing and finishing of yarns.....                                     | —               | —          | 2,430,084  |
| Dyeing and finishing of other products.....                            | —               | —          | 413,720    |
| Bleaching, sponging, etc.....  | —               | —          | 1,130,757  |
| Dyes, household.....   | —               | —          | 339,733    |
| Dyes and dressing, leather.....  | —               | —          | 524,099    |
| Ear muffs.....   | —               | —          | •          |
| Eavetrough and pipe.....   | —               | —          | 186,064    |
| Egg substitute, including powdered albumen.....                        | lb.             | 167,559    | 50,300     |
| Eggs, frozen.....  | "               | 3,808,047  | 961,146    |
| Eiderdown (see "woollen cloth").....                                   | —               | —          | —          |
| Elastic products, not elsewhere specified.....                         | —               | —          | 13,053     |
| Electrical heating elements (sold separately).....                     | no.             | 358,670    | 240,504    |
| Electrical apparatus, parts and supplies, not elsewhere specified..... | —               | —          | 2,984,724  |
| Electrical instruments and meters, except ammeters for autos.....      | —               | —          | 4,464,071  |
| Electrodes, carbon and graphite.....                                   | net ton         | 139,031    | 10,864,214 |
| Electrotyping and stereotyping.....                                    | —               | —          | 1,541,889  |
| Elevator parts.....  | —               | —          | 241,822    |
| Elevators, freight and passenger.....                                  | —               | —          | 975,300    |
| Embalming fluid.....   | —               | —          | 149,539    |
| Emblems, badges and medals.....  | —               | —          | 504,834    |
| Embossing.....   | —               | —          | 41,924     |
| Embroideries and laces.....  | —               | —          | 331,885    |
| Embroidery, custom.....  | —               | —          | 1,642,094  |
| Enamel frit.....   | —               | —          | 209,577    |
| Enamels, synthetic type.....   | Imp. gal.       | 1,444,128  | 4,248,607  |
| Enamels, oil type.....   | "               | 789,706    | 1,982,911  |
| Enamel, not specified.....   | —               | —          | 4,900      |
| Engines, auto.....   | —               | —          | •          |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.  
† See footnote on last page.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity  | Value      |
|---|-----------------|-----------|------------|
|   |                 |           | \$         |
| Engines, auto, parts.....   | —               | —         | *          |
| Engines, gasoline.....  | —               | —         | 3,906,573  |
| Engines, steam.....   | —               | —         | 22,624,699 |
| Engines, diesel and other, not specified.....   | —               | —         | 3,394,384  |
| Engine and turbine parts.....   | —               | —         | 3,683,063  |
| Engraving (trade work).....   | —               | —         | 270,822    |
| Ensilage cutters.....   | —               | —         | *          |
| Envelopes, made.....  | M               | 2,359,530 | 4,354,707  |
| Envelopes, printed.....   | —               | —         | 2,896,701  |
| Ethyl acetate.....  | —               | —         | *          |
| Ethyl benzene.....  | —               | —         | *          |
| Evaporators, commercial.....  | no.             | 2,460     | 148,721    |
| Evensers.....   | —               | —         | *          |
| Excelsior, paper.....   | —               | —         | 43,589     |
| Excelsior, wood.....  | ton             | 5,876     | 173,964    |
| Excelsior pads, wrappers, etc.....  | —               | —         | 199,776    |
| Explosives.....   | —               | —         | 42,894,156 |
| Extracts, flavouring (bakers, confectioners, etc.).....   | —               | —         | 3,122,895  |
| Extracts, flavouring, concentrates, etc. (used for soft drinks).....                                  | —               | —         | 4,858,468  |
| Fabrics, coated and impregnated, not elsewhere specified.....   | —               | —         | 4,674,209  |
| Fabrics, rubberized and waterproofed.....   | —               | —         | 3,270,393  |
| Fabrics, not specified.....   | —               | —         | 426,470    |
| Facial tissues (see "tissue, cleansing").....   | —               | —         | *          |
| Facing and parting, foundry.....  | —               | —         | 206,958    |
| Fanning mills.....  | —               | —         | *          |
| Fans, electric.....   | no.             | 7,529     | 251,876    |
| Fasteners, zipper.....  | —               | —         | 2,355,958  |
| Fasteners, other.....   | —               | —         | 485,856    |
| Fats, n.s.....  | —               | —         | 16,284     |
| Feathers, millinery.....  | —               | —         | 225,194    |
| Feed, chopped grain.....  | ton             | 1,493,337 | 50,786,495 |
| Felt, coated and saturated (fabric).....  | —               | —         | 519,147    |
| Felt, cotton, hair and jute.....  | —               | —         | 951,498    |
| Felt, harness and athletic.....   | lb.             | 545,835   | 330,231    |
| Felt, for pulp and paper making.....  | "               | 1,865,450 | 2,922,356  |
| Felt, padding.....  | —               | —         | 465,312    |
| Felt, paper (see "paper").....  | —               | —         | *          |
| Felt, insole.....   | lb.             | 255,368   | 131,250    |
| Felt, shoe.....   | yd.             | 476,551   | 361,856    |
| Felt, not specified.....  | —               | —         | 680,632    |
| Fences, electrical and equipment.....   | —               | —         | 376,555    |
| Fences, not specified.....  | —               | —         | 28,223     |
| Fencing, wire.....  | —               | —         | 1,519,028  |
| Fencing, chain link.....  | —               | —         | 45,378     |
| Fencing, snow.....  | —               | —         | 258,563    |
| Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, spiegelisen, etc.)..... | —               | —         | 24,832,066 |
| Ferro-phosphorus.....   | —               | —         | *          |
| Fertilizers.....  | ton             | 507,908   | 15,041,981 |
| Fertilizer sowers.....  | no.             | 686       | 54,441     |
| Fibre board.....  | —               | —         | 542,586    |
| Fibre products, n.s.....  | —               | —         | 56,478     |
| Fibres and rasps.....   | —               | —         | *          |
| Filing system supplies.....   | —               | —         | 1,051,871  |
| Fillers, non-metallic minerals.....   | —               | —         | *          |
| Fillers and flats, egg-case.....  | —               | —         | 208,214    |
| Fillings, pie and cake.....   | —               | —         | 958,751    |
| Film, cellulose.....  | —               | —         | *          |
| Films, motion picture.....  | —               | —         | *          |
| Films, photographers.....   | —               | —         | *          |
| Filters, filter presses, discs, etc.....  | —               | —         | 311,858    |
| Fine clay.....  | ton             | 5,053     | 42,122     |
| Fire extinguishers.....   | —               | —         | 1,375,950  |
| Fire fighting and fire protection equipment, not elsewhere specified.....                             | —               | —         | 1,808,214  |
| Fireplace furnishings.....  | —               | —         | 98,439     |
| Fireworks (see "pyrotechnics").....   | —               | —         | *          |
| Fish, canned and otherwise prepared in factories.....   | —               | —         | 43,313,197 |
| Fish, fresh, marketed for consumption, sold in factories.....   | —               | —         | 21,491,772 |
| Fishing nets.....   | —               | —         | *          |
| Fishing tackle.....   | —               | —         | 460,703    |
| Fittings, ship.....   | —               | —         | 6,931,927  |
| Fixtures, lighting, exterior.....   | —               | —         | 135,490    |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity   | Value      |
|--|-----------------|------------|------------|
|  |                 |            | \$         |
| Fixtures, lighting, interior                       | —               | —          | 3,294,577  |
| Fixtures, lighting, not specified                  | —               | —          | 600,286    |
| Flags and bunting                                  | —               | —          | 643,773    |
| Flashlights  | —               | —          | —          |
| Flatware, electro-silver plated and sterling       | —               | —          | 1,552,564  |
| Flax fibre   | lb.             | 3,668,027  | 1,528,914  |
| Flax seed  | "               | 10,524,271 | 493,183    |
| Floor covering, including oilcloths, etc.          | —               | —          | —          |
| Flooring, hardwood                                 | M ft. b.m.      | 36,508     | 3,343,155  |
| Floor tile and joists, steel                       | —               | —          | —          |
| Flotation machines (mining and metallurgical)      | —               | —          | —          |
| Flour, barley (see "flour and meal")               | —               | —          | —          |
| Flour, buckwheat                                   | lb.             | 1,205,494  | 46,458     |
| Flour, corn  | "               | 5,975,034  | 210,555    |
| Flour, potato (see "starch and flour")             | —               | —          | —          |
| Flour preparations for sausage fillings            | "               | 3,855,443  | 243,688    |
| Flour, prepared, and self-raising                  | "               | 22,861,536 | 1,999,161  |
| Flour, soya bean                                   | "               | 3,980,551  | 380,007    |
| Flour, wheat—                                      | —               | —          | —          |
| Spring, No. 1 patent                               | bbbl.           | 7,599,565  | 36,913,894 |
| Spring, No. 2 patent                               | "               | 6,386,448  | 28,795,682 |
| Spring, straight                                   | "               | 7,557,728  | 34,883,496 |
| Ontario winter, straight                           | "               | 1,104,107  | 6,301,167  |
| Feed flour   | "               | 168,203    | 539,536    |
| Low grade flour                                    | "               | 324,931    | 1,169,410  |
| All other  | "               | 852,137    | 3,765,686  |
| Flour, graham or whole wheat                       | lb.             | 47,158,002 | 939,896    |
| Flour and meal, barley                             | "               | 40,403,936 | 737,570    |
| Flour, rice  | "               | 6,585,467  | 118,822    |
| Flour and meal, rye                                | "               | 12,035,608 | 252,729    |
| Flowers, artificial                                | —               | —          | 864,202    |
| Fly pads and paper                                 | —               | —          | 262,716    |
| Foil of tin, lead and aluminium                    | —               | —          | —          |
| Folding, (trade work)                              | —               | —          | 66,202     |
| Food drinks, (powdered)                            | lb.             | 2,321,364  | 1,043,606  |
| Food drinks, (liquid)                              | gal.            | 3,767,394  | 1,934,344  |
| Food, fox, dog, etc.—                              | —               | —          | —          |
| Fox biscuits                                       | ton             | 1,016      | 188,795    |
| Other fox food                                     | "               | 6,152      | 577,345    |
| Dog biscuits                                       | "               | 2,151      | 296,219    |
| Other dog food                                     | "               | 1,900      | 244,137    |
| Canned dog food                                    | "               | 698        | 352,838    |
| Rabbit, turtle and other animal food               | ton             | 1,949      | 146,890    |
| Canned animal food, other than for dogs            | "               | —          | 1,500      |
| Feed, stock, etc.                                  | ton             | 592,740    | 27,633,551 |
| Feed, poultry                                      | "               | 339,176    | 17,849,991 |
| Feed, poultry, stock, etc., ingredients            | —               | —          | 347,204    |
| Food, infant and dietetic                          | lb.             | 3,783,304  | 976,128    |
| Food, infants', canned                             | "               | 7,090,837  | 1,452,740  |
| Food products, not specified                       | —               | —          | 87,415     |
| Foats, vegetable oil                               | —               | —          | —          |
| Footwear, leather—                                 | —               | —          | —          |
| Felt upper—  | —               | —          | —          |
| Babies'  | pr.             | 7,640      | 6,068      |
| Boys'  | "               | 38,570     | 53,168     |
| Children's and misses'                             | "               | 74,558     | 71,833     |
| Men's  | "               | 408,201    | 697,739    |
| Youths'  | "               | 3,696      | 6,522      |
| Women's  | "               | 184,171    | 194,316    |
| Leather or fabric upper—                           | —               | —          | —          |
| Babies'  | "               | 2,018,497  | 1,525,719  |
| Boys'  | "               | 1,074,386  | 2,165,823  |
| Children's   | "               | 3,170,717  | 4,046,883  |
| Little girls                                       | "               | 42,659     | 59,735     |
| Men's  | "               | 9,415,538  | 33,040,360 |
| Youths'  | "               | 201,593    | 347,224    |
| Women's and growing girls                          | "               | 12,583,093 | 29,112,011 |
| Footwear, shoe packs, larrigans, mooccasins, etc.— | —               | —          | —          |
| Babies'  | pr.             | 21,952     | 6,227      |
| Boys'  | "               | 26,738     | 29,584     |
| Children's and misses'                             | "               | 10,538     | 7,010      |
| Little girls                                       | "               | 1,393      | 2,025      |
| Men's  | "               | 91,988     | 159,529    |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity   | Value      |
|--|-----------------|------------|------------|
|  |                 |            | \$         |
| Footwear, shoe packs, harrigans, moccasins, etc.— <i>Concluded</i> |                 |            |            |
| Youths   | "               | 720        | 1,001      |
| Women's and growing girls  | "               | 5,038      | 5,672      |
| Not specified  | "               | -          | 15,994     |
| Footwear, rubber—  |                 |            |            |
| Knee and hip boots, all rubber                                     | pr.             | 779,536    | 1,431,168  |
| Lumbermen's boots, all rubber                                      | "               | 1,345,060  | 1,861,667  |
| Lumbermen's boots, leather tops                                    | "               | 298,239    | 1,147,530  |
| Rubbers, light and heavy, including Jersey storms                  | "               | 4,214,883  | 2,690,792  |
| Overshoes and gaiters, all rubber                                  | "               | 1,264,705  | 1,482,644  |
| Overshoes and gaiters, fabric upper                                | "               | 2,000,747  | 3,984,635  |
| Balmorals, rubber soled, fabric tops                               | "               | 288,344    | 178,307    |
| Oxfords, rubber soled, fabric tops                                 | "               | 1,463,578  | 1,031,716  |
| Balmorals, rubber soled, leather tops                              | "               | 2,182      | 5,891      |
| Oxfords, rubber soled, leather tops                                | "               | 128,398    | 263,215    |
| Rubber bottoms for leather tops                                    | "               | 48,280     | 70,869     |
| Not specified  | "               | 152,850    | 340,945    |
| Forgings, including drop, shell, etc.                              | "               | -          | 30,920,060 |
| Forks, farm implements   | no.             | 631,959    | 470,982    |
| Formaldehyde   | "               | -          | -          |
| Forms, continuous, printed   | "               | -          | 2,760,804  |
| Fountains, soda  | "               | -          | 29,873     |
| Framas, spectacle, cases, etc.                                     | "               | -          | -          |
| Fringes, cords and tassels   | "               | -          | 536,820    |
| Fruit drinks   | "               | -          | 122,832    |
| Fruit juices, canned   | lb.             | 10,032,489 | 779,942    |
| Fruit concentrate (see "Apple and grape concentrate")              | "               | -          | -          |
| Fruit juices, other  | "               | -          | 226,176    |
| Fruit peel, candied  | lb.             | 2,377,066  | 474,208    |
| Fruit pulp   | "               | 519,115    | 21,682     |
| Fruits, canned—  |                 |            |            |
| Apples, including crab apples                                      | lb.             | 6,453,168  | 413,128    |
| Apricots   | "               | 947,081    | 152,223    |
| Buckberries  | "               | 192,189    | 19,156     |
| Blueberries  | "               | 3,540,000  | 540,319    |
| Cherries   | "               | 2,005,451  | 265,041    |
| Grapefruit   | "               | -          | -          |
| Loganberries   | "               | -          | -          |
| Peaches  | lb.             | 6,048,619  | 587,323    |
| Pears  | "               | 13,968,632 | 1,334,709  |
| Plums  | "               | 5,772,154  | 437,903    |
| Raspberries  | "               | 477,254    | 85,050     |
| Rhubarb  | "               | 1,335,908  | 78,277     |
| Strawberries   | lb.             | 267,307    | 41,950     |
| Other fruits, not specified  | "               | -          | 23,743     |
| Fruits, evaporated, other than apples                              | "               | -          | -          |
| Fruits, fountain   | lb.             | 1,886,984  | 578,844    |
| Fruits, glaced   | "               | 2,035,404  | 852,602    |
| Fruits, frozen or cold pack, for re-processing                     | "               | 15,472,622 | 1,571,107  |
| Fruits, straight frozen, not for re-processing                     | "               | 2,938,872  | 503,964    |
| Fuel, hog  | "               | -          | 112,341    |
| Funels, sheet metal  | "               | -          | 121,110    |
| Fur dressing and dyeing  | "               | -          | 2,940,771  |
| Fur trimming, remodelling, etc.                                    | "               | -          | 4,869,078  |
| Furnaces, electrometallurgical                                     | "               | -          | 619,293    |
| Furnaces, hot air  | no.             | 23,495     | 2,056,787  |
| Furnaces, not specified and furnace parts                          | "               | -          | 488,630    |
| Furniture—   |                 |            |            |
| Bedroom  | "               | -          | 10,271,356 |
| Breakfast room   | "               | -          | 1,895,881  |
| Dining room  | "               | -          | 2,735,592  |
| Kitchen  | "               | -          | 1,505,905  |
| Living room  | "               | -          | 11,196,350 |
| Other household  | "               | -          | 2,795,248  |
| Office, steel  | "               | -          | 1,369,826  |
| Office and store furniture and fixtures                            | "               | -          | 3,920,493  |
| Other steel  | "               | -          | 425,083    |
| Children's   | "               | -          | 913,683    |
| School, lodge, church and theatre                                  | "               | -          | 1,032,025  |
| Camp, lawn and verandah  | "               | -          | 394,616    |
| Wicker, fibre, reed and rattan, not specified                      | "               | -          | 41,000     |
| Furniture, not specified, and other cabinet work                   | "               | -          | 2,120,728  |
| Furniture frames and parts   | "               | -          | 1,344,072  |
| Fuses and fuse wire  | "               | -          | 1,344,370  |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity    | Value<br>\$ |
|---|-----------------|-------------|-------------|
| Gaiters, spats and leggings                       | —               | —           | 83,265      |
| Galvanized ware                                   | —               | —           | 703,935     |
| Games, not specified                              | —               | —           | 1,020,400   |
| Garage equipment, n.e.s.                          | —               | —           | 78,274      |
| Gas, made—  |                 |             |             |
| Retort coal gas                                   | M. cu. ft.      | 5,069,024   | —           |
| Coke oven gas                                     | —               | 44,137,447  | —           |
| Producer gas                                      | —               | 20,354,129  | —           |
| Water gas   | —               | 5,070,328   | —           |
| Not specified                                     | —               | 100,418     | —           |
| Gas sold  | —               | 20,403,544  | 18,609,304  |
| Gas used in heating ovens, retorts or gas plants  | —               | 29,317,493  | 3,560,416   |
| Gas used in associated metallurgical work         | —               | 23,173,827  | 1,829,389   |
| Gas, otherwise accounted for, but not sold        | —               | 12,903      | 55,864      |
| Gas, not accounted for                            | —               | 1,568,311   | 877,345     |
| Gas, still, from petroleum refineries             | —               | 9,851,103   | 3,493,246   |
| Gas, chlorine                                     | —               | —           | —           |
| Gas, oil  | —               | —           | 640,490     |
| Gasoline  | Imp. gal.       | 869,288,237 | 110,043,999 |
| Gas masks and equipment                           | —               | —           | 1,784,741   |
| Gates, wire                                       | —               | —           | 92,112      |
| Gauges, not specified                             | —               | —           | 3,597,220   |
| Gears, industrial                                 | —               | —           | 733,657     |
| Gears, wagon                                      | —               | —           | 108,778     |
| Generators—                                       |                 |             |             |
| Alternating current                               | no.             | 7,281       | 5,000,849   |
| Direct current                                    | —               | 3,381       | 2,345,131   |
| Generators, engine driven                         | —               | —           | —           |
| Generators, other and parts                       | —               | —           | 613,698     |
| Glass, bent                                       | —               | —           | 29,135      |
| Glass, bevelled, and polished edge                | —               | —           | 289,418     |
| Glass, chipped or etched                          | —               | —           | 45,711      |
| Glass, cut  | —               | —           | 401,279     |
| Glass, fibre                                      | —               | —           | *           |
| Glass, leaded, including memorial windows         | —               | —           | 88,297      |
| Glass, non-shatterable                            | —               | —           | 1,680,249   |
| Glass, pressed, and blown                         | —               | —           | 17,107,808  |
| Glass vials and chemical glassware                | —               | —           | 364,459     |
| Glass products, other, including windshield glass | —               | —           | 3,075,129   |
| Gloves and mittens—                               |                 |             |             |
| Dress, knitted                                    | doz. pr.        | 292,527     | 1,914,203   |
| Dress, other                                      | —               | 240,371     | 1,540,084   |
| Work, knitted                                     | —               | 52,232      | 166,375     |
| Work, other                                       | —               | 630,341     | 1,197,808   |
| Knitted, not specified                            | —               | 1,602       | 5,267       |
| Gloves and mittens, leather, dress—               |                 |             |             |
| Men's, lined                                      | —               | 88,628      | 1,216,245   |
| Men's, unlined                                    | —               | 39,567      | 638,248     |
| Women's and children's, lined                     | —               | 31,444      | 301,281     |
| Women's and children's, unlined                   | —               | 101,494     | 1,548,719   |
| Gloves and mittens, leather, work—                |                 |             |             |
| Men's, lined                                      | —               | 97,198      | 758,875     |
| Men's, unlined                                    | —               | 405,255     | 3,364,096   |
| Boys' lined                                       | —               | 61,370      | 295,247     |
| Boys' unlined                                     | —               | 15,078      | 57,748      |
| Gloves and mittens, leather, not specified        | —               | —           | 106,407     |
| Gloves and mittens, fur and fur-lined             | —               | —           | 4,250       |
| Gloves, rubber and rubberized                     | doz.            | 65,529      | 323,387     |
| Glucose or dextrose                               | —               | —           | —           |
| Glue (bone, hide, fish and vegetable)             | lb.             | 36,087,143  | 3,728,717   |
| Glue stock  | —               | 33,124,709  | 307,599     |
| Gluten  | —               | —           | —           |
| Glycerine, crude                                  | lb.             | 2,814,790   | 315,008     |
| Glycerine, refined                                | —               | 9,245,003   | 1,485,407   |
| Goggles, sun                                      | —               | —           | —           |
| Gold alloys                                       | —               | —           | 1,636,039   |
| Gold, fine  | —               | —           | 2,200,653   |
| Gold leaf   | —               | —           | —           |
| Golf supplies, including golf bags, sticks, heads | —               | —           | 42,475      |
| Grains, mixed and re-cleaned                      | ton             | 3,614       | 90,358      |
| Grains, sold wet and dry (breweries)              | —               | 81,212      | 547,949     |
| Granite, cut (building and ornamental)            | —               | —           | 1,668,449   |
| Granules, roofing                                 | —               | —           | —           |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.



## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity   | Value     |
|---|-----------------|------------|-----------|
|   |                 |            | \$        |
| Grape concentrate.....                            | —               | —          | *         |
| Grape juice.....                                  | —               | —          | *         |
| Graphite.....                                     | —               | —          | 84,270    |
| Grate bars and grating.....                       | —               | —          | 218,877   |
| Grease.....                                       | lb.             | 32,027,243 | 2,057,116 |
| Grease, lubricating.....                          | "               | 1,103,187  | 172,642   |
| Grills and hot plates, electric.....              | no.             | 28,469     | 137,408   |
| Grinding machines.....                            | —               | —          | 548,438   |
| Grinding balls.....                               | —               | —          | 1,207,740 |
| Grinding compound.....                            | —               | —          | —         |
| Gums, unvulcanized.....                           | lb.             | 193,884    | 79,489    |
| Gymnasium supplies, not specified.....            | —               | —          | 123,648   |
| Gypsum blocks.....                                | —               | —          | —         |
| Hair, animal, raw.....                            | lb.             | 7,936,970  | 1,353,069 |
| Hair goods.....                                   | —               | —          | 217,449   |
| Hair wavers, curlers, pads, etc.....              | —               | —          | 132,411   |
| Halters.....                                      | —               | —          | 100,427   |
| Hummocks.....                                     | doz.            | 6,303      | 212,485   |
| Handkerchiefs.....                                | "               | 662,317    | 584,346   |
| Bundles, broom and mop.....                       | no.             | 11,041,707 | 254,838   |
| Bundles, long, tool and axe.....                  | "               | 3,002,974  | 727,216   |
| Bundles, small tool.....                          | "               | 11,070,944 | 326,048   |
| Handles, not specified.....                       | —               | —          | 110,298   |
| Hangers, garment.....                             | —               | —          | 214,513   |
| Hardware, automobile.....                         | —               | —          | 448,321   |
| Hardware, builders'.....                          | —               | —          | 3,809,587 |
| Hardware, carriage and saddlery.....              | —               | —          | 492,759   |
| Hardware, furniture.....                          | —               | —          | 376,044   |
| Hardware, pole-line.....                          | —               | —          | 1,102,705 |
| Hardware, not specified.....                      | —               | —          | 1,763,688 |
| Harness, double.....                              | set             | 8,568      | 387,063   |
| Harness, single.....                              | "               | 4,668      | 120,999   |
| Harness collars.....                              | no.             | 122,359    | 412,617   |
| Harness parts.....                                | —               | —          | 1,017,995 |
| Harrows.....                                      | no.             | 11,400     | 495,798   |
| Harrow parts.....                                 | —               | —          | 18,766    |
| Harvesters.....                                   | —               | —          | 191,029   |
| Hassocks.....                                     | —               | —          | 19,228    |
| Hat blocks.....                                   | —               | —          | 12,119    |
| Hat boxes (travelling).....                       | no.             | 2,099      | —         |
| Hats, cotton—                                     |                 |            |           |
| Children's.....                                   | doz.            | 11,770     | 36,740    |
| Men's.....  | "               | 14,643     | 118,490   |
| Women's.....                                      | "               | 36,111     | 145,871   |
| Hats, fur felt—                                   |                 |            |           |
| Men's.....  | doz.            | 110,364    | 3,808,137 |
| Women's and children's.....                       | "               | 57,455     | 1,828,983 |
| Hats, wool felt—                                  |                 |            |           |
| Men's.....  | doz.            | 69,655     | 977,674   |
| Women's.....                                      | "               | 235,053    | 3,395,812 |
| Children's.....                                   | "               | 17,714     | 190,018   |
| Hats, velour felt.....                            | "               | 1,196      | 34,175    |
| Hats, linen.....                                  | "               | 1,709      | 26,871    |
| Hats, straw—                                      |                 |            |           |
| Men's.....  | doz.            | 36,171     | 221,508   |
| Women's.....                                      | "               | 113,364    | 2,204,373 |
| Children's.....                                   | "               | 22,844     | 119,822   |
| Hats, panama.....                                 | "               | 2,197      | 53,012    |
| Hats, silk and crepe, women's and children's..... | "               | 11,234     | 220,732   |
| Hats, velvet.....                                 | "               | 10,337     | 194,334   |
| Hats, waterproofed.....                           | "               | 0,476      | 63,306    |
| Hats, not specified—                              |                 |            |           |
| Women's.....                                      | doz.            | 12,458     | 208,135   |
| Children's.....                                   | doz.            | 3,690      | 29,898    |
| Infant's headwear.....                            | "               | 40,643     | 57,742    |
| Not specified.....                                | —               | —          | 16,993    |
| Tams, berets, etc.....                            | —               | —          | 250,796   |
| Hats, cleaned and reblocked.....                  | —               | —          | 17,312    |
| Hat bodies.....                                   | doz.            | 407,447    | 2,937,260 |
| Hatters' supplies, including hat linings.....     | —               | —          | 88,828    |
| Hay forks.....                                    | —               | —          | —         |
| Hay loaders.....                                  | no.             | 1,359      | 131,759   |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity   | Value      |
|---|-----------------|------------|------------|
|   |                 |            | \$         |
| Hay rakes, dump.....  | no.             | 2,327      | 77,084     |
| Hay rakes, other.....   | —               | 393        | 47,156     |
| Heading, barrel.....  | —               | —          | 457,348    |
| Heaters, air, electric.....                                     | no.             | 18,476     | 210,726    |
| Heaters, auto and engine.....                                   | —               | —          | 54,637     |
| Heaters, boiler, feed, water.....                               | —               | —          | 234,436    |
| Heaters, water tank, electric.....                              | no.             | 11,635     | 89,556     |
| Heaters, water tank, gas.....                                   | —               | 10,219     | 129,289    |
| Heaters, water tank, cast iron.....                             | "               | 20,755     | 235,457    |
| Heaters, other.....   | —               | —          | 24,594     |
| Heaters, electric, unit.....                                    | —               | —          | 1,622,972  |
| Heating and ventilating equipment, not elsewhere specified..... | —               | —          | 2,878,450  |
| Heels, leather and wood.....                                    | pr.             | 23,868,825 | 1,923,189  |
| Heel board.....   | —               | —          | —          |
| Heels, rubber, and composition.....                             | pr.             | 8,421,926  | 540,360    |
| Helmets.....  | doz.            | 35,251     | 364,192    |
| Hexachlorethane.....  | —               | —          | —          |
| Hides, all kinds.....   | —               | —          | 7,189,895  |
| Hockey pucks.....   | doz.            | 4,876      | 4,762      |
| Hockey sticks.....  | —               | —          | 165,048    |
| Hoes, hand.....   | no.             | 282,785    | 136,081    |
| Hoes, horse and power.....                                      | —               | —          | —          |
| Hoists.....   | —               | —          | 416,815    |
| Hollow-ware, sterling silver.....                               | —               | —          | 331,562    |
| Hollow-ware, and spinnings, aluminium, brass and copper.....    | —               | —          | 379,360    |
| Hollow-ware, electro silver-plated.....                         | —               | —          | 873,606    |
| Hollow-ware, iron and steel.....                                | —               | —          | 39,322     |
| Hollow-ware, other.....   | —               | —          | 3,500      |
| Honey butter.....   | —               | —          | —          |
| Hooks, eyes, notions, etc., not elsewhere specified.....        | —               | —          | 178,749    |
| Hoops, wooden.....  | M               | 2,778      | 49,841     |
| Hoops, steel.....   | —               | —          | 141,651    |
| Hoops, bands and strips, hot and cold rolled (sold).....        | ton             | 14,202     | 1,700,765  |
| Horseshoes, prepared.....                                       | lb.             | 176,302    | 59,417     |
| Horseshoes.....   | —               | —          | —          |
| Hose, fire, unlined, linen.....                                 | —               | —          | —          |
| Hose, rubber.....   | —               | —          | 3,995,139  |
| Hosiery—  |                 |            |            |
| Cotton.....   | doz. pr.        | 1,584,241  | 3,581,920  |
| Cotton mixtures, chiefly cotton.....                            | —               | 841,284    | 2,027,832  |
| Mercerized.....   | "               | 572,913    | 2,434,552  |
| Silk and silk mixtures, chiefly silk.....                       | "               | 22,818     | 183,424    |
| Artificial silk mixtures, chiefly artificial silk.....          | "               | 720,257    | 3,578,320  |
| Artificial silk.....  | "               | 2,349,192  | 12,871,936 |
| Woollen.....  | "               | 790,346    | 3,129,671  |
| Woollen mixtures, chiefly woollen.....                          | "               | 952,811    | 3,587,048  |
| Cashmere.....   | "               | 50,520     | 214,411    |
| Merino and mixtures, chiefly merino.....                        | "               | 156,581    | 579,965    |
| Worsted.....  | "               | 203,302    | 1,372,212  |
| Other, which cannot be classified.....                          | "               | 34,118     | 148,147    |
| Anklets, sockettes, etc.....                                    | —               | —          | 31,439     |
| Humidifiers and air conditioners.....                           | —               | —          | 41,667     |
| Hydrants.....   | —               | —          | 195,164    |
| Hydrogen.....   | cu. ft.         | 42,933,752 | 161,776    |
| Hydrogen chloride.....  | —               | —          | —          |
| Hydrogen peroxide.....  | —               | —          | —          |
| Ice, artificial.....  | ton             | 550,797    | 2,306,556  |
| Ice cream (factory).....  | gal.            | 15,213,593 | 18,475,628 |
| Ice cream mix.....  | "               | 1,267,797  | 1,493,742  |
| Ice cream sundries.....   | —               | —          | 116,638    |
| Iceings and icing paste.....                                    | lb.             | 388,576    | 80,116     |
| Iguttion coils, etc.....  | —               | —          | 333,684    |
| Implements, hand, not specified.....                            | —               | —          | 131,594    |
| Incense.....  | —               | —          | 7,031      |
| Incubators and other poultrymen's supplies.....                 | —               | —          | 293,767    |
| Infant's wear, not specified.....                               | —               | —          | 1,064,782  |
| Ingots, brass, bronze, etc. (see "bars and ingots")             | —               | —          | —          |
| Ingots, steel and alloy—  |                 |            |            |
| Quantity made.....  | net ton         | 2,846,736  | —          |
| Quantity sold.....  | —               | 28,059     | 1,875,779  |
| Ink, printing and lithographing.....                            | lb.             | 10,387,743 | 3,475,671  |
| Ink, writing.....   | "               | 1,555,600  | 556,627    |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity   | Value      |
|--|-----------------|------------|------------|
|  |                 |            | \$         |
| Ink, not specified.....                                      | —               | —          | 111,060    |
| Insecticides.....  | —               | —          | 2,124,884  |
| Instruments, recording, controlling, etc.....                | —               | —          | 54,000,409 |
| Instruments, optical.....                                    | —               | —          | —          |
| Insulating materials, n.e.s.....                             | —               | —          | 202,986    |
| Insulators, porcelain and insulator parts.....               | —               | —          | 1,031,933  |
| Insulin.....   | —               | —          | —          |
| Iron, pig—   |                 |            |            |
| Quantity made.....   | net ton         | 1,758,269  | —          |
| Quantity sold.....   | "               | 387,109    | 8,328,322  |
| Irons, electric.....   | no.             | 60,561     | 218,549    |
| Irons, gasoline.....   | —               | —          | —          |
| Iron work, ornamental and architectural.....                 | —               | —          | 1,785,734  |
| Jacks, auto and other, not specified.....                    | —               | —          | —          |
| Jams.....  | lb.             | 65,153,082 | 7,587,607  |
| Javelle water.....   | —               | —          | 984,685    |
| Jellies.....   | lb.             | 5,452,010  | 664,211    |
| Jersey cloth.....  | —               | —          | 1,668,674  |
| Jewellery.....   | —               | —          | 6,606,642  |
| Jute, jute paddings and jute yarn.....                       | —               | —          | 708,371    |
| Kapok.....   | —               | —          | —          |
| Kegs, beer.....  | —               | —          | —          |
| Kegs, fish.....  | no.             | 14,005     | 22,494     |
| Kegs, mail, etc.....   | "               | 1,402,973  | 434,005    |
| Kerosene.....  | Imp. gal.       | 29,197,202 | 3,110,175  |
| Kitchen equipment for hotels, cafeterias, etc.....           | —               | —          | 1,482,213  |
| Kitchenware, aluminium.....                                  | —               | —          | 281,558    |
| Kitchenware, other.....                                      | —               | —          | 1,642,350  |
| Knitted fabrics.....   | —               | —          | 888,701    |
| Knitted goods, miscellaneous—                                |                 |            |            |
| Infants' jackets, booties, etc.....                          | —               | —          | 878,144    |
| Hoods, caps and tuques.....                                  | —               | —          | 882,926    |
| Knives, machine.....   | —               | —          | 429,656    |
| Knives, army and other.....                                  | —               | —          | 201,721    |
| Labels, gummed.....  | —               | —          | —          |
| Labels, fabric.....  | —               | —          | 384,669    |
| Laces, shoe, silk and cotton.....                            | —               | —          | 856,173    |
| Laces, shoe, leather.....                                    | doz. pr.        | 82,536     | 26,685     |
| Laces, corset.....   | —               | —          | 120,085    |
| Lacquers, cellulose.....                                     | Imp. gal.       | 1,899,091  | 4,463,478  |
| Lacrosse sticks.....   | —               | —          | —          |
| Lactose (see "sugar of milk").....                           | —               | —          | —          |
| Ladders, step, extension, etc.....                           | —               | —          | 130,497    |
| Ladders, rope.....   | —               | —          | 13,249     |
| Lamps, incandescent, except therapeutic.....                 | no.             | 57,072,189 | 6,838,687  |
| Lamps, table and floor.....                                  | —               | —          | 794,815    |
| Lamp shades and wire frames.....                             | —               | —          | 636,216    |
| Lamp stands and lamp bases.....                              | —               | —          | 260,853    |
| Lamps and lanterns, railway, marine, etc.....                | —               | —          | 312,040    |
| Lard.....  | lb.             | 89,505,583 | 12,810,561 |
| Lasts, trees and shoe findings, not elsewhere specified..... | —               | —          | 344,385    |
| Lathes, metal-working.....                                   | —               | —          | 4,701,563  |
| Lath, metal.....   | —               | —          | 151,713    |
| Lath, wood.....  | M               | 114,279    | 555,278    |
| Laundry nets and ribbons.....                                | —               | —          | 26,430     |
| Lead naphthanate.....  | —               | —          | —          |
| Lead, refined.....   | lb.             | 26,654,132 | 1,404,821  |
| Lead, red.....   | "               | 3,002,450  | 229,770    |
| Lead, white, dry.....  | "               | 4,316,925  | 334,577    |
| Lead, white, in oil.....                                     | "               | 7,104,415  | 550,050    |
| Lead, sheet.....   | lb.             | 4,748,857  | 396,514    |
| Lead products, n.s.....                                      | —               | —          | 1,483,858  |
| Lead for pencils.....  | —               | —          | 101,395    |
| Leather—   |                 |            |            |
| Belting.....   | lb.             | 781,664    | 711,835    |
| Bookbinders'.....  | —               | —          | 11,319     |
| Bag, garment, pocket book, trunk, etc.....                   | sq. ft.         | 28,003,149 | 5,651,086  |
| Harness.....   | lb.             | 3,840,360  | 1,660,263  |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity   | Value       |
|---|-----------------|------------|-------------|
|   |                 |            | \$          |
| Leather—Concluded                             |                 |            |             |
| Lace  | lb.             | 107,574    | 95,492      |
| Oil tanned, shoepack                          | "               | 170,826    | 38,100      |
| Sole—   |                 |            |             |
| Chrome  | "               | 787,429    | 357,111     |
| Hemlock                                       | —               | —          | *           |
| Oak   | lb.             | 34,677,988 | 14,351,402  |
| Splits and other                              | —               | —          | 103,629     |
| Upholstering                                  | sq. ft.         | 614,947    | 172,900     |
| Upper leather—                                |                 |            |             |
| Calf skins                                    | sq. ft.         | 15,505,129 | 5,711,016   |
| Cattle and horse hides                        | "               | 34,097,173 | 8,729,602   |
| Chrome splits                                 | "               | 11,923,058 | 1,370,923   |
| Goat skins                                    | "               | 1,340,949  | 294,959     |
| Patent and enamelled                          | "               | 2,059,790  | 546,200     |
| Sheep skins                                   | "               | 3,091,739  | 434,898     |
| Wax splits                                    | "               | 593,887    | 97,055      |
| Other leather, not specified                  | —               | —          | 767,597     |
| Leather splits, not specified                 | —               | —          | 241,014     |
| Leather board, n.e.s.                         | —               | —          | 16,400      |
| Leather goods, not specified                  | —               | —          | 617,539     |
| Leather, tanned, custom                       | —               | —          | 317,083     |
| Lemon butter                                  | lb.             | —          | 3,007       |
| Lenses, optical                               | —               | —          | 1,285,073   |
| Life buoys, jackets, belts, etc.              | —               | —          | 1,006,608   |
| Lighter fluid                                 | —               | —          | 140,758     |
| Lighters, cigarette and parts                 | —               | —          | 1,455,163   |
| Lightning arresters, n.e.s.                   | —               | —          | 102,041     |
| Lightning rods and supplies                   | —               | —          | 44,728      |
| Lime, grey acetate                            | lb.             | 10,363,637 | 238,985     |
| Lime, hydrated                                | ton             | 242,385    | 1,236,891   |
| Lime, quick                                   | "               | 795,913    | 6,106,255   |
| Limestone                                     | —               | —          | 63,448      |
| Line material including overhead trolley      | —               | —          | 242,664     |
| Linings, brake, asbestos                      | ft.             | 5,984,557  | 1,785,607   |
| Linings, glove, shoe, etc.                    | —               | —          | 461,709     |
| Linings, not specified                        | —               | —          | 181,916     |
| Litharge                                      | —               | —          | *           |
| Lithographing (see "Printing")                | —               | —          | *           |
| Locomotives, new and tenders                  | —               | —          | *           |
| Locomotive and car parts                      | —               | —          | 3,929,014   |
| Lubricating and filtration systems            | —               | —          | *           |
| Lumber, matched                               | M ft. b.m.      | 170,489    | 9,328,907   |
| Lumber, planed                                | "               | 286,937    | 13,816,805  |
| Lumber, sawn                                  | —               | —          | 152,748,670 |
| Lumber, not specified                         | —               | —          | 360,944     |
| Lye   | —               | —          | *           |
| Macaroni and spaghetti, canned                | lb.             | 2,308,482  | 176,034     |
| Macaroni, vermicelli, spaghetti, etc.         | "               | 62,978,013 | 3,282,270   |
| Machinery—                                    |                 |            |             |
| Accounting machines                           | —               | —          | 683,909     |
| Adding and other calculating                  | no.             | 1,959      | 219,915     |
| Bakers' mixing                                | —               | —          | 217,348     |
| Bakers', not elsewhere specified              | —               | —          | 147,399     |
| Boring (metal-working)                        | —               | —          | *           |
| Bottlers'                                     | —               | —          | 16,588      |
| Canning and parts                             | —               | —          | 1,229,485   |
| Cheese factory                                | —               | —          | 24,036      |
| Chlorinating                                  | —               | —          | *           |
| Cleaning and pressing                         | —               | —          | *           |
| Coal handling and coal pulverizing            | —               | —          | *           |
| Concrete and cement making                    | —               | —          | 212,497     |
| Dairy   | —               | —          | 633,014     |
| Elevating and conveying                       | —               | —          | 2,953,098   |
| Flax mill                                     | —               | —          | *           |
| Flour and grist mill, not elsewhere specified | —               | —          | 46,933      |
| Grain grinding, cleaning, etc.                | —               | —          | 388,834     |
| Grain elevator                                | —               | —          | 474,809     |
| Harvesting (pick-ups)                         | —               | —          | *           |
| Hoisting, except mine hoists                  | —               | —          | 7,302,819   |
| Kitchen and other household                   | —               | —          | 155,021     |
| Laundry                                       | —               | —          | 792,983     |
| Leather-working, not elsewhere specified      | —               | —          | 230,575     |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity    | Value       |
|---|-----------------|-------------|-------------|
|   |                 |             | \$          |
| <i>Machinery—Concluded</i>                                  |                 |             |             |
| Logging   | —               | —           | *           |
| Lumber and shingle drying                                   | —               | —           | *           |
| Metal-working, not elsewhere specified                      | —               | —           | 321,855     |
| Metering equipment  | —               | —           | *           |
| Milking   | —               | —           | 1,132,044   |
| Milling (metal-working)                                     | —               | —           | 241,075     |
| Mining and metallurgical and parts, not elsewhere specified | —               | —           | 2,149,571   |
| Office, not elsewhere specified                             | —               | —           | 379,700     |
| Packing house   | —               | —           | *           |
| Printing  | —               | —           | 11,432      |
| Pulp and paper  | —               | —           | 1,952,212   |
| Refrigerating   | —               | —           | 698,036     |
| Road and excavating   | —               | —           | 998,162     |
| Rolling mill  | —               | —           | *           |
| Rubber mill   | —               | —           | 500,158     |
| Sawing, band  | no.             | 69          | 64,467      |
| Saw, and planing mill                                       | —               | —           | 657,933     |
| Ships' and fittings   | —               | —           | 16,141,686  |
| Stone-working   | —               | —           | 5,800       |
| Syrup-making  | —               | —           | *           |
| Textile, not elsewhere specified                            | —               | —           | 228,360     |
| Transmission  | —               | —           | 4,424,082   |
| Vulcanizing   | —               | —           | *           |
| Washing machines—   |                 |             |             |
| Electric  | no.             | 5,373       | 336,300     |
| Hand and other, n.s.  | —               | —           | 101,883     |
| Water softening equipment                                   | —               | —           | 367,699     |
| Wood-working, n.e.s.  | —               | —           | 86,919      |
| Other, not specified  | —               | —           | 4,755,988   |
| Machinery parts, not specified                              | —               | —           | 434,757     |
| Mackinaw  | yd.             | 303,255     | 637,203     |
| Magnesia, fused   | —               | —           | *           |
| Magnesium carbonate and stearate                            | —               | —           | *           |
| Malt, made for sale   | lb.             | 315,572,000 | 10,071,020  |
| Malt flour  | "               | 2,323,204   | 165,467     |
| Malt extract and syrup                                      | —               | —           | 1,367,946   |
| Malt, coornings and sprouts                                 | ton             | 4,993       | 117,808     |
| Malt, caramel   | —               | —           | *           |
| Manganese naphthanate                                       | —               | —           | *           |
| Mantles, lamp   | —               | —           | *           |
| Manure spreaders  | no.             | 2,025       | 244,082     |
| Maple butter  | —               | —           | *           |
| Maps  | —               | —           | 296,119     |
| Marble chips and dust                                       | —               | —           | 54,718      |
| Marble, cut and polished                                    | —               | —           | 324,319     |
| Marine and fishermen's supplies                             | —               | —           | 46,998      |
| Marmalades  | lb.             | 27,321,504  | 3,135,733   |
| Match splints   | —               | —           | 1,524,061   |
| Matchers, (wood-working)                                    | —               | —           | *           |
| Matches   | —               | —           | 2,420,973   |
| Mats, and matting, cocoa                                    | —               | —           | *           |
| Mats and matting, rubber                                    | —               | —           | 3,593       |
| Mattresses  | no.             | 1,079,373   | 7,303,407   |
| Meal, alfalfa   | ton             | 22,371      | 604,980     |
| Meal, barley  | —               | 30,953      | 1,114,583   |
| Meal, oilcake, cocoanut                                     | —               | —           | *           |
| Meal, corn  | lb.             | 27,938,544  | 879,321     |
| Meal, linseed and flax                                      | —               | —           | 3,843       |
| Meal, oilcake, linseed                                      | ton             | 68,363      | 2,717,403   |
| Meal, pea   | lb.             | 202,450     | 13,025      |
| Meal, soybean   | —               | —           | *           |
| Meats, canned—  |                 |             |             |
| Poultry   | lb.             | 303,600     | 172,148     |
| Meats, other  | "               | 39,871,960  | 10,890,282  |
| Meats, cooked, all kinds                                    | "               | 34,045,400  | 9,352,481   |
| Meats, cured—   |                 |             |             |
| Bacon and sides   | lb.             | 469,884,814 | 107,029,995 |
| Beef, salted and cured                                      | "               | 4,628,472   | 921,295     |
| Hams  | "               | 52,688,263  | 12,756,508  |
| Pork, salted  | "               | 133,493,800 | 27,652,343  |
| Shoulders   | "               | 48,219,982  | 10,453,265  |
| Other   | "               | 30,899,850  | 8,131,424   |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity    | Value<br>\$ |
|---|-----------------|-------------|-------------|
| <b>Meats, sold fresh—</b>                                     |                 |             |             |
| Beef.....   | lb.             | 540,042,224 | 101,825,856 |
| Fancy meats, not specified.....                               | "               | 17,238,636  | 2,191,270   |
| Mutton and lamb.....  | "               | 37,357,316  | 8,809,913   |
| Pork.....   | "               | 210,833,415 | 40,078,574  |
| Veal.....   | "               | 71,960,868  | 14,527,743  |
| Other.....  | "               | 8,503,153   | 602,568     |
| <b>Medicinal and pharmaceutical preparations—</b>             |                 |             |             |
| Standard.....   | —               | —           | 8,917,215   |
| Specialties registered as patent medicines.....               | —               | —           | 11,264,855  |
| Specialties sold with ingredients declared.....               | —               | —           | 13,050,601  |
| Vitamins, all kinds.....                                      | —               | —           | 4,562,249   |
| Other.....  | —               | —           | 1,848,167   |
| <b>Metal products, not specified.....</b>                     |                 |             |             |
| Meter parts.....  | —               | —           | 163,778     |
| Meters, gas.....  | —               | —           | 28,935      |
| Meters, gasoline.....   | —               | —           | "           |
| Meters, water.....  | —               | —           | "           |
| Methylhydralc, crude and refined.....                         | —               | —           | 627,371     |
| Mica products.....  | —               | —           | 146,192     |
| Milk, sold in dairy factories.....                            | gal.            | 115,370,989 | 46,276,080  |
| Milk, buttermilk, sold.....                                   | —               | —           | 561,156     |
| Milk, buttermilk, condensed.....                              | lb.             | 203,031     | 6,791       |
| Milk, condensed.....  | "               | 26,915,149  | 3,293,196   |
| Milk, condensed, skim.....                                    | "               | 4,040,610   | 281,853     |
| Milk, evaporated.....   | "               | 178,368,152 | 14,218,364  |
| Milk, skim.....   | —               | —           | 243,611     |
| Milk, skim, evaporated.....                                   | lb.             | 1,632,374   | 63,054      |
| Milk products, not specified.....                             | —               | —           | 139,806     |
| Milk drinks (see "Food drinks").....                          | —               | —           | —           |
| Military web equipment.....                                   | —               | —           | 7,959,879   |
| Military and navy equipment, not specified.....               | —               | —           | 40,360,452  |
| Milling cutters.....  | —               | —           | 2,111,015   |
| Mincemeat.....  | lb.             | 5,612,836   | 502,874     |
| Mine props, wedges, etc.....                                  | —               | —           | 139,775     |
| Mirrors.....  | —               | —           | 1,934,216   |
| Molasses.....   | lb.             | 55,059,321  | 789,222     |
| Monochloroaniline.....  | —               | —           | —           |
| Monuments, lettered only.....                                 | —               | —           | 158,936     |
| Monuments, not specified.....                                 | —               | —           | 2,000       |
| <b>Mops—</b>  |                 |             |             |
| Floor.....  | doz.            | 202,536     | 720,315     |
| Dust.....   | "               | 34,348      | 274,935     |
| Dish.....   | "               | 33,922      | 32,722      |
| Other, not specified.....                                     | —               | —           | 55,059      |
| Mop sticks and cloths.....                                    | —               | —           | 66,520      |
| Mosquito netting, bars, etc.....                              | —               | —           | 212,550     |
| Motion pictures (positive films processed).....               | ft.             | 55,857,832  | 3,370,000   |
| Motors, electric, A.C. and D.C. (except starting motors)..... | no.             | 130,788     | 10,296,180  |
| Motors, other, and parts.....                                 | —               | —           | 967,734     |
| Moulders, wood-working.....                                   | —               | —           | 25,521      |
| Mouldings.....  | —               | —           | 2,564,321   |
| Mounting (trade work).....                                    | —               | —           | 56,100      |
| Mowers, hay.....  | no.             | 5,672       | 495,496     |
| Mowers, lawn.....   | —               | —           | 84,904      |
| Mucilage.....   | lb.             | 104,530     | 516,033     |
| Muffs, fur.....   | no.             | 30,386      | 176,183     |
| Muff beds and cloth muffs.....                                | —               | —           | —           |
| Munitions (shell sales).....                                  | —               | —           | 989,729,191 |
| Music, printed.....   | —               | —           | 39,971      |
| Musical instruments, and parts, not elsewhere specified.....  | —               | —           | 214,225     |
| Mustard, dry.....   | —               | —           | "           |
| Mustard, prepared.....  | gal.            | 1,051,435   | 1,055,332   |
| Mustard compound.....   | lb.             | 344,370     | 40,213      |
| <b>Nails, and spikes, cut from plate—</b>                     |                 |             |             |
| Quantity made.....  | keg             | 21,028      | —           |
| Quantity sold.....  | "               | 21,727      | 168,245     |
| <b>Nails, tacks and brads, wire—</b>                          |                 |             |             |
| Quantity made.....  | keg             | 1,471,260   | —           |
| Quantity sold.....  | "               | 1,514,218   | 5,965,727   |
| Nails, horseshoe and other, n.e.s.....                        | —               | —           | 253,715     |
| Napkins, paper.....   | —               | —           | 843,882     |

Note.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity    | Value      |
|---|-----------------|-------------|------------|
|   |                 |             | \$         |
| Naphtha V.M. and P. or solvent                              | Imp. gal.       | 24,002,809  | 2,896,748  |
| Neckties  | doz.            | 910,864     | 4,139,756  |
| Neckwear, women's   | "               | 153,573     | 813,461    |
| Neckpieces, fur   | no.             | 31,747      | 1,022,983  |
| Needles, knitting machine                                   | "               | "           | "          |
| Needles, knitting and other                                 | "               | "           | 297,455    |
| Nickel salts  | "               | "           | "          |
| Nickel-silver, not elsewhere specified                      | "               | "           | "          |
| Night dresses—  |                 |             |            |
| Cotton and flannelette                                      | doz.            | 78,551      | 656,582    |
| Silk and artificial silk                                    | "               | 99,358      | 1,416,646  |
| Nightshirts   | "               | 8,227       | 83,697     |
| Nitrogen  | "               | "           | 54,690     |
| Nitro-glycerine   | "               | "           | "          |
| Nitro-guanidine   | "               | "           | "          |
| Nitrous oxide   | "               | "           | 55,931     |
| Non-ferrous alloys, not elsewhere specified                 | "               | "           | 40,500     |
| Novelties, advertising and other, not specified             | "               | "           | 646,473    |
| Novelties, printed  | "               | "           | 1,591,397  |
| Nuts, salted, etc.  | "               | "           | 267,742    |
|   |                 |             |            |
| Oars and paddles  | "               | "           | 151,994    |
| Oats, rolled  | ton             | 50,122      | 3,643,232  |
| Oatmeal   | "               | 12,386      | 584,912    |
| Offal, not specified  | "               | 73,118      | 2,241,145  |
| Oil burners and parts                                       | "               | "           | 383,359    |
| Oilcloth, other than floor                                  | "               | "           | "          |
| Oil, aniline  | "               | "           | "          |
| Oil, coconut, crude and processed                           | lb.             | "           | "          |
| Oil, core   | "               | "           | 347,388    |
| Oil, corn, crude  | "               | "           | "          |
| Oil, corn, refined  | "               | "           | "          |
| Oil, cottonseed, processed                                  | lb.             | 6,222,085   | 1,038,033  |
| Oil, crocote and other                                      | gal.            | 10,561,133  | 1,686,006  |
| Oil, engine and tractor distillate                          | Imp. gal.       | 39,433,111  | 3,926,571  |
| Oil, fish   | "               | "           | "          |
| Oil, fuel, diesel   | Imp. gal.       | 113,717,232 | 6,431,900  |
| Oil, gas and light fuel oil—                                |                 |             |            |
| For own use   | "               | 47,781      | 3,111      |
| For sale  | "               | 131,731,939 | 7,986,051  |
| Oil, residual—  |                 |             |            |
| For own use   | "               | 53,543,453  | 3,996,747  |
| For sale  | "               | 536,980,450 | 25,754,878 |
| Oil, fusel  | "               | 59,447      | 29,309     |
| Oil, lard   | "               | "           | 467,087    |
| Oil, linseed, boiled  | gal.            | 1,057,902   | 813,845    |
| Oil, linseed, raw   | "               | 4,400,316   | 3,130,108  |
| Oil, linseed, special                                       | "               | 3,055,268   | 2,703,097  |
| Oil, lubricating  | "               | 41,407,739  | 9,627,315  |
| Oil, neatfoot   | lb.             | 435,903     | 77,106     |
| Oil, oleo   | "               | 2,831,546   | 315,472    |
| Oil, peanut, processed                                      | "               | 316,502     | 49,074     |
| Oil, soybean  | "               | "           | "          |
| Oil, light, n.e.s.  | Imp. gal.       | 1,920,274   | 657,975    |
| Oil, stand blown, enamel, etc.                              | "               | "           | 431,931    |
| Oil, stove  | Imp. gal.       | 27,629,050  | 1,689,833  |
| Oils, sulphomated, textile oils and other textile chemicals | "               | "           | 2,055,322  |
| Oils, other, not specified                                  | "               | "           | 2,533,479  |
| Olives, bottled, etc.                                       | gal.            | 255,835     | 1,080,638  |
| Organs, pipe  | "               | "           | 160,047    |
| Organs, other and parts                                     | "               | "           | 188,865    |
| Ornaments, (see "Buckles, clips," etc.)                     | "               | "           | "          |
| Ornaments, n.s.   | "               | "           | 133,049    |
| Ovens, commercial, cooking                                  | "               | "           | 253,610    |
| Ovens, industrial   | "               | "           | 34,465     |
| Overalls—   |                 |             |            |
| Men's   | doz.            | 328,535     | 6,205,635  |
| Children's  | "               | 92,885      | 577,125    |
| Women's and misses'   | "               | 19,305      | 431,328    |
| Overall coats, smocks, dusters, etc.                        | "               | 75,458      | 1,418,632  |
| Not specified   | "               | 1,178       | 24,006     |
| Oxygen  | cu. ft.         | 636,281,176 | 4,811,834  |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity   | Value      |
|---|-----------------|------------|------------|
|   |                 |            | \$         |
| Packing, asbestos.....  | —               | —          | 225,588    |
| Packing, rubber.....  | lb.             | 1,040,652  | 252,110    |
| Packing, not specified.....   | —               | —          | 459,735    |
| Pads, couch.....  | no.             | 17,568     | 93,791     |
| Pads, electric, heating.....  | —               | 29,928     | 112,063    |
| Pads, stamp.....  | —               | —          | 39,159     |
| Pads, stair.....  | —               | —          | 2,439      |
| Pads, sweat.....  | doz.            | 39,763     | 267,387    |
| Pads and padding, not specified.....                                      | —               | —          | 667,786    |
| Pails, ice cream.....   | no.             | 12,884,572 | 88,024     |
| Pails, oyster.....  | —               | —          | —          |
| Pails and tubs, wooden.....   | —               | —          | 1,117,285  |
| Painting equipment, not specified.....                                    | —               | —          | 825,555    |
| Paint, varnish and enamel removers.....                                   | gal.            | 93,369     | 221,551    |
| Paints, mixed, ready for use.....   | Imp. gal.       | 7,852,146  | 18,779,917 |
| Paints, cold water.....   | lb.             | 13,535,549 | 1,090,512  |
| Paints, paste.....  | lb.             | 7,133,740  | 1,208,394  |
| Paints, varnishes and cements, coal tar.....                              | gal.            | 370,592    | 85,902     |
| Paints and enamels, not specified.....                                    | —               | —          | 260,652    |
| Panel boards and cabinets.....  | —               | —          | 478,949    |
| Pants, men's—   |                 |            |            |
| Woolen.....   | no.             | 2,202,050  | 9,949,733  |
| Other.....  | —               | 687,542    | 1,270,356  |
| Pants and bloomers, boys—   |                 |            |            |
| Woolen.....   | —               | 841,104    | 1,207,493  |
| Other.....  | —               | 770,940    | 873,628    |
| Pants and breeches, working—  |                 |            |            |
| Cotton.....   | doz.            | 297,233    | 5,103,064  |
| Woolen and mixtures.....  | —               | 85,138     | 2,599,077  |
| Pants, sport.....   | no.             | 18,920     | 36,666     |
| Pants, baby, rubber.....  | —               | —          | 241,377    |
| Pants, rubberized and oiled.....  | —               | —          | 129,904    |
| Paper—  |                 |            |            |
| Adding machine and cash register.....                                     | —               | —          | 113,909    |
| Asbestos.....   | —               | —          | 181,510    |
| Blotting, not coated.....   | s. ton          | 855        | 168,839    |
| Blotting, clay coated and enamelled.....                                  | —               | —          | —          |
| Blue print and photostat.....   | —               | —          | 680,792    |
| Book and writing paper—   |                 |            |            |
| Wood fibre, chief ingredient.....   | s. ton          | 49,904     | 5,932,519  |
| Cover.....  | —               | 1,830      | 345,700    |
| Hex cover, coloured.....  | —               | 1,960,724  | 322,886    |
| Writing, basic stock.....   | —               | 60,539     | 11,533,047 |
| Writing, pads, tablets, etc.....  | —               | —          | 1,189,241  |
| Fine paper, not specified.....  | s. ton          | 1,926      | 303,979    |
| Map, lithograph, woodcut, etc.....  | —               | 1,014      | 139,330    |
| Building and roofing paper—   |                 |            |            |
| Asphalt saturated rag, asbestos and solka felt shingles.....              | sq.             | 864,188    | 4,202,591  |
| Asphalt saturated rag, asbestos and solka felt sidings.....               | —               | 1,880      | 10,896     |
| Mineral surfaced rag, asbestos and solka felt roofing.....                | —               | 1,011,850  | 2,294,271  |
| Smooth surfaced rag, asbestos and solka felt roll roofing.....            | sq.             | 1,096,837  | 1,590,466  |
| Tar and asphalt saturated rag, asbestos and solka, felts, not coated..... | ton             | 6,880      | 450,847    |
| Tar and asphalt saturated and coated sheathings and felts.....            | —               | 31,723     | 1,915,428  |
| Paper and felt building and roofing, untreated.....                       | —               | 34,429     | 2,067,036  |
| Other felts and sheathings.....   | —               | 4,799      | 235,324    |
| Carbon.....   | ream            | 125,601    | 1,217,997  |
| Cigarette tubes and paper.....  | —               | —          | —          |
| Coated, paper and board, other, n.e.s.....                                | lb.             | 23,737,407 | 2,839,079  |
| Coating paper (basic stock).....  | s. ton          | 6,961      | 792,464    |
| Corrugated.....   | —               | —          | 509,860    |
| Creped or crinkled.....   | lb.             | 1,415,533  | 205,125    |
| Fabric.....   | —               | —          | —          |
| Foilscap, not elsewhere specified.....                                    | —               | —          | 99,578     |
| Friction or flint glazed.....   | —               | —          | —          |
| Gummed (in sheets).....   | —               | —          | —          |
| Lining, pan, shelf, etc.....  | —               | —          | 515,788    |
| Larchment.....  | —               | —          | —          |
| Oiled.....  | —               | —          | 64,005     |
| Paper napkins and doilies (see "Napkins" and "Doilies")                   | —               | —          | —          |

Note.—The asterisk (\*) indicates that the commodity was reported by less than three firms.



## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity   | Value       |
|---|-----------------|------------|-------------|
|   |                 |            | \$          |
| <b>Paper—Concluded</b>  |                 |            |             |
| Newsprint paper—  |                 |            |             |
| Hanging paper.....  | s. ton          | 6,789      | 492,192     |
| In sheets, for printing.....                                    | "               | 68,437     | 3,867,522   |
| In rolls, for printing.....                                     | "               | 2,925,672  | 147,768,461 |
| Poster paper.....   | "               | —          | •           |
| Side runs for pulping.....                                      | "               | 35,664     | 1,409,518   |
| Counter rolls.....  | "               | —          | •           |
| Other.....  | "               | 22,238     | 1,410,717   |
| Safety paper, for cheques, etc.....                             | —               | —          | 433,959     |
| Tissue, basic stock.....  | s. ton          | 9,032      | 2,136,619   |
| Tissue, converted.....  | "               | 1,289      | 246,146     |
| Toilet, basic stock.....  | "               | 23,244     | 2,496,416   |
| Toilet, converted.....  | case            | 833,040    | 3,735,925   |
| Towel and napkin, basic stock.....                              | s. ton          | 11,659     | 1,163,052   |
| Towels, paper (see "Towels").....                               | —               | —          | •           |
| Typewriter, not elsewhere specified.....                        | ream            | 160,551    | 94,802      |
| Wall paper.....   | —               | —          | •           |
| Waterproofed, other than waxed, n.e.s.....                      | —               | —          | •           |
| Waxed, all kinds.....   | lb.             | 42,505,886 | 5,609,685   |
| Wrapping paper—   |                 |            |             |
| Manila.....   | s. ton          | 10,829     | 1,014,769   |
| Kraft, basic stock.....   | "               | 111,308    | 11,049,725  |
| Sulphite.....   | "               | 11,685     | 1,741,072   |
| Other wrapping paper.....                                       | "               | —          | 891,856     |
| Paper, miscellaneous, not elsewhere specified, basic stock..... | "               | 5,091      | 863,211     |
| Paper, miscellaneous, not elsewhere specified, converted.....   | —               | —          | 410,521     |
| Paper goods, including papeteries.....                          | —               | —          | 1,042,488   |
| Paper board—  |                 |            |             |
| Bristol and index board.....                                    | s. ton          | 6,311      | 1,128,125   |
| Building, rigid insulating.....                                 | —               | —          | 4,505,113   |
| Container chips.....  | s. ton          | 6,773      | 324,014     |
| Corrugating board.....  | "               | 71,009     | 4,375,485   |
| Liner, jute.....  | "               | 61,092     | 3,529,708   |
| Liner, kraft.....   | "               | 62,855     | 4,493,305   |
| Manila, lined.....  | "               | 20,762     | 1,490,664   |
| Mill wrappers.....  | "               | 45,568     | 1,889,676   |
| Mounting board.....   | —               | —          | •           |
| Clay coated and enamelled.....                                  | —               | —          | •           |
| Patent coated.....  | s. ton          | 44,697     | 4,092,573   |
| Coated, other, not specified.....                               | —               | —          | 693,227     |
| Sheathings, 009 <sup>o</sup> or over, untreated.....            | s. ton          | 10,435     | 555,329     |
| Silicated.....  | —               | —          | •           |
| Wallboard and building board, not elsewhere specified.....      | —               | —          | 5,032,270   |
| White vat lined.....  | s. ton          | 6,472      | 384,657     |
| Wholly from waste paper, plain.....                             | "               | 45,764     | 2,395,205   |
| Wholly from waste paper, coloured.....                          | "               | 3,979      | 279,780     |
| Wholly from wood pulp, plain.....                               | "               | 42,843     | 2,756,288   |
| Wholly from wood pulp, coloured.....                            | "               | 7,522      | 527,237     |
| All other board and paper, not specified.....                   | —               | —          | 1,794,231   |
| Parachute and parachute equipment.....                          | —               | —          | 4,168,948   |
| Paste, adhesive.....  | lb.             | 5,383,773  | 381,399     |
| Paste, fish, meat and chicken.....                              | "               | 2,953,119  | 845,079     |
| Paste, flavouring.....  | —               | —          | •           |
| Paste, tooth (see "Dentifrices").....                           | —               | —          | •           |
| Patterns and models, foundry and other, wood and metal.....     | —               | —          | 1,369,695   |
| Patterns, paper.....  | —               | —          | 715,193     |
| Patterns, shoe.....   | no.             | 36,214     | 11,132      |
| Peanut butter.....  | lb.             | 5,936,492  | 973,498     |
| Peanuts, roasted and salted (for sale).....                     | "               | 4,851,637  | 1,401,092   |
| Peas, split.....  | "               | 4,721,225  | 317,124     |
| Peavies, cant hooks and pike poles.....                         | —               | —          | 181,967     |
| Pectin, (see also Apple juice concentrate).....                 | —               | —          | 51,397      |
| Pencils, ordinary lead.....                                     | doz.            | 5,269,488  | 1,027,164   |
| Pencils, checking, etc.....                                     | "               | 410,844    | 96,055      |
| Pencils, adjustable lead.....                                   | "               | 230,220    | 423,492     |
| Pencils, other, and parts.....                                  | —               | —          | 39,744      |
| Pennants.....   | —               | —          | 39,965      |
| Pens, fountain.....   | doz.            | 119,557    | 2,013,856   |
| Pen parts, pen holders and nibs.....                            | —               | —          | 182,080     |
| Purethorethylene.....   | —               | —          | •           |
| Perfumes.....   | —               | —          | 1,848,197   |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity    | Value      |
|---|-----------------|-------------|------------|
|   |                 |             | \$         |
| Periodicals, printed by publishers—                                     |                 |             |            |
| Newspapers, daily—  |                 |             |            |
| Gross revenue from advertising  | —               | —           | 28,060,391 |
| Subscriptions and sales   | —               | —           | 17,688,241 |
| Newspapers, weekly and other—   |                 |             |            |
| Gross revenue from advertising  | —               | —           | 6,309,752  |
| Subscriptions and sales   | —               | —           | 5,560,722  |
| Magazines and other bound periodicals—                                  |                 |             |            |
| Gross revenue from advertising  | —               | —           | 4,594,824  |
| Subscriptions and sales   | —               | —           | 1,986,822  |
| Phenol  | —               | —           | •          |
| Phonograph records  | —               | —           | 1,698,762  |
| Phosphorus  | —               | —           | •          |
| Photo-engraving   | —               | —           | 3,028,283  |
| Photographic materials, not elsewhere specified (including photo paper) | —               | —           | 1,688,576  |
| Photography (commercial)  | —               | —           | 193,633    |
| Plithalic anhydride   | —               | —           | •          |
| Pianos—   |                 |             |            |
| Grand   | no.             | 95          | 48,352     |
| Upright   | "               | 2,727       | 566,012    |
| Not specified   | —               | —           | 44,703     |
| Pianos in process of manufacture  | no.             | 856         | 34,870     |
| Piano strings and other parts   | —               | —           | 36,283     |
| Pickets   | M               | 8,287       | 151,832    |
| Pickles, relishes and sauces  | gal.            | 3,065,684   | 4,277,665  |
| Pictures, framed  | —               | —           | 502,665    |
| Picture and mirror frames   | —               | —           | 190,176    |
| Pies, cakes and pastry  | —               | —           | 44,705,531 |
| Piling, sheet   | —               | —           | •          |
| Piling, wood  | M long ft.      | 244         | 46,655     |
| Pillow cases, bureau runners, scarves, etc.                             | —               | —           | 931,613    |
| Pillows   | no.             | 560,039     | 650,289    |
| Pins, plain and hair pins   | —               | —           | 362,434    |
| Pipe and fittings, brass, bronze and copper                             | —               | —           | 65,655     |
| Pipe fittings, cast iron, soil  | s. ton          | 14,226      | 1,130,905  |
| Pipe and fittings, cast iron, other                                     | "               | 37,447      | 3,380,383  |
| Pipe, lead  | lb.             | 5,335,392   | 477,089    |
| Pipe and fittings, malleable iron                                       | s. ton          | 6,552       | 2,459,880  |
| Pipe, sewer, clay   | —               | —           | 1,355,002  |
| Pipe, sewer and culvert, cement   | —               | —           | 906,589    |
| Pipe, culvert, sheet metal  | —               | —           | 264,329    |
| Pipe, steel riveted and welded  | —               | —           | 101,980    |
| Pipe and fittings, steel, n.e.s.  | —               | —           | 12,458,411 |
| Pipe and tubing, copper   | —               | —           | 3,463,773  |
| Pipes, wooden   | —               | —           | 699,075    |
| Pipes, wrought iron, and fittings                                       | —               | —           | 91,597     |
| Pipes, tobacco  | doz.            | —           | •          |
| Pipe (tobacco) cleaners   | —               | —           | •          |
| Piston rings, automobile  | no.             | 26,682,694  | 1,730,738  |
| Pistons, automobile and piston pins                                     | —               | —           | •          |
| Pitch   | ton             | 107,430     | 2,093,492  |
| Planers, metal working  | —               | —           | •          |
| Planing, custom   | —               | —           | 1,244,636  |
| Planters, corn  | —               | —           | •          |
| Planters, potato and other  | —               | —           | •          |
| Plastics, moulded (see "Synthetics")                                    | —               | —           | •          |
| Plate and tank work, steel miscellaneous                                | —               | —           | 17,788,655 |
| Plates, sheets and strips, brass, copper, etc.                          | lb.             | 101,126,272 | 18,702,475 |
| Plates and flats, iron and steel  | net ton         | 402,633     | 28,951,722 |
| Plates, licence, name, etc.   | —               | —           | 295,128    |
| Plates, and spoons, paper   | —               | —           | 176,659    |
| Platinum, refined, and other platinum products                          | —               | —           | 506,106    |
| Ploughs and parts   | —               | —           | 1,969,250  |
| Ploughs, snow   | —               | —           | 293,365    |
| Plugs, wooden   | —               | —           | 171,580    |
| Plumbers' supplies, not elsewhere specified (brass, copper, etc.)       | —               | —           | 3,055,152  |
| Plumbers' supplies, rubber  | —               | —           | 300,931    |
| Plywood   | M sq. ft.       | 194,576     | 13,585,381 |
| Poison, gopher and rat  | —               | —           | 135,847    |
| Poles, wooden and other, n.s.   | —               | —           | 94,269     |
| Polish, furniture   | —               | —           | 336,093    |
| Polish, metal   | —               | —           | 189,530    |
| Polish, shoe  | —               | —           | 1,009,321  |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity     | Value        |
|---|-----------------|--------------|--------------|
| Polish, stove   | —               | —            | \$ 112, 901  |
| Polishes and waxes, floor   | —               | —            | 3, 162, 594  |
| Polishes and dressings, automobile                                      | —               | —            | 68, 673      |
| Polishes and dressings, leather   | —               | —            | 53, 367      |
| Polishes and dressings, not specified                                   | —               | —            | 105, 398     |
| Polishers, floor, electric and other                                    | —               | —            | 31, 015      |
| Popcorn   | lb.             | 1, 134, 185  | 393, 443     |
| Post-cards, printed   | —               | —            | 278, 833     |
| Posts, cement   | —               | —            | 379, 051     |
| Posts, wooden   | no.             | 204, 267     | 43, 157      |
| Posts, steel  | —               | —            | 156, 044     |
| Potassium chlorate and perchlorate                                      | —               | —            | —            |
| Potato chips (factory made)   | lb.             | 2, 289, 207  | 755, 096     |
| Pot holders   | —               | —            | 10, 059      |
| Pot scourers  | —               | —            | —            |
| Pottery, glazed and unglazed  | —               | —            | 701, 144     |
| Pottery from imported clay  | —               | —            | 75, 052      |
| Poultry, canned (see "Meats, canned")                                   | —               | —            | —            |
| Poultry, sold fresh   | lb.             | 20, 133, 357 | 6, 332, 994  |
| Powder, baking  | "               | 12, 109, 963 | 2, 001, 871  |
| Powder, buttermilk  | "               | 5, 619, 464  | 473, 914     |
| Powder, cream   | "               | —            | —            |
| Powder, custard   | "               | 1, 737, 262  | 358, 408     |
| Powder, egg   | "               | 13, 686, 131 | 15, 881, 869 |
| Powder, ice cream   | "               | 220, 287     | 60, 076      |
| Powder, jelly   | "               | 5, 268, 441  | 1, 492, 582  |
| Powder, milk, all kinds   | "               | 15, 053, 213 | 4, 619, 186  |
| Powder, malted milk   | —               | —            | —            |
| Powder, pudding   | "               | 7, 656, 572  | 1, 887, 444  |
| Powder, skim milk   | "               | 22, 454, 987 | 2, 520, 281  |
| Powders, edible, not specified  | —               | —            | 519, 852     |
| Powder, bronze and aluminum   | —               | —            | —            |
| Powder, sachet  | —               | —            | 17, 772      |
| Powder, talcum and face   | —               | —            | 2, 236, 873  |
| Press cloths  | —               | —            | 28, 693      |
| Presses, tennis and badminton racquet                                   | —               | —            | —            |
| Presses, hydraulic, and other power                                     | —               | —            | 2, 214, 083  |
| Printing—   | —               | —            | —            |
| Circular letters  | —               | —            | 542, 961     |
| General, for trade  | —               | —            | 273, 085     |
| Custom printing (paper supplied by customer)                            | —               | —            | 794, 295     |
| Private and personal  | —               | —            | 618, 673     |
| Bank notes  | —               | —            | —            |
| Blue prints and photostats  | —               | —            | 716, 841     |
| Box cover, paper, coloured  | —               | —            | 58, 956      |
| Periodicals printed for publishers                                      | —               | —            | 7, 094, 692  |
| Railway time tables and tariffs   | —               | —            | 341, 487     |
| Other printed matter, menus, statements, programs, etc.                 | —               | —            | 4, 444, 734  |
| Printing and painting on textile fabrics                                | —               | —            | 844, 272     |
| Propane   | —               | —            | —            |
| Propellers and shafts   | —               | —            | —            |
| Publishings, subscriptions and sales (see "Printing" and "Periodicals") | —               | —            | —            |
| Puddings  | —               | —            | 182, 459     |
| Puffs, powder   | —               | —            | 195, 236     |
| Pulleys, wood   | —               | —            | 65, 052      |
| Pulpers and steers  | —               | —            | 6, 317       |
| Pulp, fruit (see "Fruit pulp")  | —               | —            | —            |
| Pulpstones, artificial  | —               | —            | —            |
| Pulpwood  | cord            | 510, 371     | 7, 277, 170  |
| Pulp, wood—   | —               | —            | —            |
| Ground wood—  | —               | —            | —            |
| Quantity made   | s. ton          | 2, 098, 913  | —            |
| Quantity sold   | "               | 237, 850     | 8, 951, 032  |
| Soda fibre  | —               | —            | —            |
| Sulphate fibre—   | —               | —            | —            |
| Quantity made   | s. ton          | 441, 421     | —            |
| Quantity sold   | "               | 229, 433     | 16, 141, 824 |
| Sulphite fibre bleached—  | —               | —            | —            |
| Quantity made   | "               | 587, 538     | —            |
| Quantity sold   | "               | 536, 902     | 41, 797, 823 |
| Sulphite fibre, unbleached—   | —               | —            | —            |
| Quantity made   | "               | 1, 125, 033  | —            |
| Quantity sold   | "               | 624, 108     | 38, 026, 379 |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity    | Value      |
|---|-----------------|-------------|------------|
|   |                 |             | \$         |
| Pulp, wood— <i>Concluded</i>                            |                 |             |            |
| Screenings—   |                 |             |            |
| Quantity made.....                                      | a. ton          | 85,891      | -          |
| Quantity sold.....                                      | "               | 30,155      | 679,111    |
| Pulverizers.....  | "               | -           | 50,601     |
| Pumps, centrifugal.....                                 | "               | -           | 2,432,600  |
| Pumps, hand.....  | "               | -           | 338,468    |
| Pumps, steam.....                                       | "               | -           | 1,745,537  |
| Pumps, other power.....                                 | "               | -           | 698,142    |
| Pumps, pumping systems for country homes.....           | "               | -           | 421,418    |
| Pumps, gasoline handling.....                           | "               | -           | 95,236     |
| Pumps, not specified, and pump parts.....               | "               | -           | 983,484    |
| Punching machines.....                                  | "               | -           | -          |
| Purses, pocket-books and folders.....                   | "               | -           | 1,341,036  |
| Putty and fillers, n.e.s.....                           | lb.             | 8,955,460   | 389,095    |
| Pyjamas—  |                 |             |            |
| Cotton and flannelette.....                             | doz.            | 260,627     | 3,101,707  |
| Silk, artificial silk and other, n.s.....               | "               | 25,791      | 496,301    |
| Pyrometers.....   | "               | -           | *          |
| Pyrotechnics and fireworks.....                         | "               | -           | 10,970,988 |
| Quilted goods.....                                      | "               | -           | 593,107    |
| Racquets, tennis, badminton and squash.....             | no.             | 38,984      | 75,571     |
| Radr equipment (see "Communication systems")            |                 |             |            |
| Radiators, automobile.....                              | "               | 206,228     | 2,923,169  |
| Radiators, heating, concealed type.....                 | sq. ft.         | 388,149     | 157,933    |
| Radiators, heating, direct type.....                    | "               | 6,728,740   | 2,094,375  |
| Radio sets, tubes and accessories.....                  | "               | -           | 65,166,237 |
| Radio cabinets and tables.....                          | "               | -           | 78,715     |
| Radium luminous compound.....                           | "               | -           | *          |
| Rail anchors.....                                       | "               | -           | 394,547    |
| Railway angle splice bars.....                          | net ton         | 14,554      | 1,002,902  |
| Railway tie plates.....                                 | "               | 27,057      | 1,486,454  |
| Rails, iron or steel—                                   |                 |             |            |
| Quantity made.....                                      | "               | 263,920     | -          |
| Quantity sold.....                                      | "               | 261,483     | 12,309,676 |
| Railway frogs, switches and other track equipment.....  | "               | -           | 664,096    |
| Railway car and coach fittings, bearings, etc.....      | "               | -           | 441,466    |
| Rakes, hand.....  | no.             | 181,999     | 88,079     |
| Razor blades.....                                       | "               | -           | *          |
| Razors, safety, electric, other and parts.....          | "               | -           | *          |
| Reamers.....  | "               | -           | *          |
| Recorders, time.....                                    | "               | -           | *          |
| Rectifiers for storage battery charging, and parts..... | "               | -           | *          |
| Reels, wire rope.....                                   | "               | -           | *          |
| Refractories—   |                 |             |            |
| Cement, high temperature.....                           | ton             | 5,724       | 410,419    |
| Firebrick from domestic clay.....                       | "               | -           | 449,273    |
| Firebrick from imported clay.....                       | ton             | 27,795      | 878,528    |
| Other.....  | "               | -           | 1,332,553  |
| Refrigerators—  |                 |             |            |
| Electric.....   | no.             | 2,137       | 239,113    |
| Electric, condensing units.....                         | "               | -           | 475,178    |
| Other.....  | "               | -           | 1,829,556  |
| Refrigerator parts, not specified.....                  | "               | -           | 35,699     |
| Regalia, all kinds.....                                 | "               | -           | 108,996    |
| Registers, cash.....                                    | "               | -           | *          |
| Registers and grills, air.....                          | "               | -           | 240,434    |
| Regulators, not specified.....                          | "               | -           | *          |
| Remedies, stock and poultry.....                        | "               | -           | 1,203,870  |
| Remote controls, mechanical.....                        | "               | -           | *          |
| Rennet extract.....                                     | "               | -           | *          |
| Repair guns and fabrics.....                            | lb.             | 1,650,133   | 1,012,741  |
| Repair kits.....  | "               | -           | *          |
| Repair patches, tire and tube.....                      | no.             | 5,429,715   | 664,389    |
| Ribbons.....  | "               | -           | *          |
| Rice, cleaned, etc.....                                 | ton             | 26,342      | 3,762,079  |
| Rings, fruit jar, rubber.....                           | "               | -           | *          |
| Rings, fruit jar, zinc.....                             | "               | -           | *          |
| Robes, carriage and automobile.....                     | "               | -           | 18,998     |
| Rockwool.....   | "               | -           | 1,707,501  |
| Rods and bars, bronze, and aluminium.....               | lb.             | 63,118,639  | 11,083,553 |
| Rods, copper wire.....                                  | "               | 116,385,824 | 14,730,655 |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity    | Value      |
|--|-----------------|-------------|------------|
|  |                 |             | \$         |
| Rods, iron and steel, wire—  |                 |             |            |
| Quantity made  | net ton         | 237,252     | -          |
| Quantity sold  | "               | 90,480      | 4,419,470  |
| Roll covering, rubber  | lb.             | 68,500      | 93,754     |
| Rollers, hand and hand packers   | —               | —           | —          |
| Rollers, printers  | lb.             | 377,820     | 246,796    |
| Rolls, rubber covered  | —               | —           | 179,240    |
| Roofing preparations, not elsewhere specified                                | —               | —           | 420,233    |
| Rope—  |                 |             |            |
| Manilla  | lb.             | 1,775,350   | 284,073    |
| Sisal  | "               | 15,144,138  | 2,350,975  |
| Cotton, jute, and hemp   | "               | 1,186,960   | 637,245    |
| All other  | "               | 394,326     | 188,798    |
| Rubber, reclaimed  | —               | —           | —          |
| Rubber and rubber goods, hard  | —               | —           | 115,013    |
| Rubber coverings, linings, etc.  | —               | —           | 277,109    |
| Rubber goods, moulded  | lb.             | 844,054     | 668,442    |
| Rubber goods, sanitary, not elsewhere specified                              | —               | —           | 190,603    |
| Rubber goods, soft and sponge  | lb.             | 327,176     | 146,951    |
| Rubber automotive and aeroplane parts  | —               | —           | 862,510    |
| Rubber goods, not specified  | —               | —           | 310,177    |
| Rubber thread  | lb.             | 63,689      | 59,128     |
| Rubber, synthetic  | —               | —           | —          |
| Rugs, automobile   | no.             | 30,237      | 103,198    |
| Rules, wooden  | —               | —           | 239,625    |
| Ruling (printing plants)   | —               | —           | 308,220    |
| Rust preventives and removers  | —               | —           | 445,535    |
| Saddles  | no.             | 2,445       | 59,328     |
| Saddle parts   | —               | —           | 24,323     |
| Safes, vaults and fittings   | —               | —           | 991,382    |
| Sails  | —               | —           | 86,734     |
| Salt   | ton             | 687,686     | 5,188,628  |
| Salt, curing   | lb.             | 1,225,903   | 111,674    |
| Sanders, (wood-working)  | no.             | 17          | 13,496     |
| Sandwich relish and spread   | lb.             | 2,929,113   | 686,559    |
| Sanitary ware  | —               | —           | 3,174,916  |
| Sash, doors and millwork   | —               | —           | 22,963,962 |
| Sash, steel, brass, etc.   | —               | —           | 734,109    |
| Sash weights   | —               | —           | —          |
| Sauces, catsups and relishes (see "Tomato catsup and pickles, sauces, etc.") | —               | —           | —          |
| Sauerkraut—  |                 |             |            |
| Canned   | lb.             | 567,891     | 28,679     |
| Other  | "               | 1,472,088   | 79,609     |
| Sausage casings  | —               | —           | 2,545,089  |
| Sausage, fresh or cured  | lb.             | 124,346,102 | 23,652,487 |
| Sawdust, sold  | —               | —           | 959,350    |
| Sawing, custom   | —               | —           | 132,363    |
| Saws, all kinds  | —               | —           | 2,815,682  |
| Saw parts and saw outfits  | —               | —           | 320,590    |
| Scales   | no.             | 14,924      | 754,997    |
| Scarves  | —               | —           | 2,517,502  |
| School supplies, not specified   | —               | —           | 51,321     |
| Scientific equipment, not specified  | —               | —           | 3,568,363  |
| Scissors and shears  | —               | —           | —          |
| Scout cars   | no.             | 1,139       | 1,010,963  |
| Scrap, aluminium   | —               | —           | —          |
| Scrap, brass, bronze and copper  | lb.             | 22,253,309  | 1,014,049  |
| Scrap, iron and steel  | ton             | 43,012      | 699,629    |
| Scrap, not specified   | —               | —           | 27,059     |
| Screenings, barley, etc.   | —               | —           | 259,676    |
| Screens, door and window   | —               | —           | 243,973    |
| Screens, industrial  | —               | —           | 74,653     |
| Screws and screw machine products  | —               | —           | 8,868,000  |
| Scufflers  | no.             | 4,429       | 32,738     |
| Scythes  | —               | —           | —          |
| Seals, corporation and other   | —               | —           | 25,303     |
| Searchlights, projectors, etc., n.e.s.                                       | —               | —           | 422,238    |
| Seasoning, dry and liquid  | —               | —           | 314,210    |
| Shades, window, shade cloth, and fittings—                                   |                 |             |            |
| Ordinary shades and blinds   | —               | —           | 1,127,468  |
| Venetian blinds  | —               | —           | 904,939    |
| Shade cloth, rollers, etc.   | —               | —           | 558,028    |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity   | Value       |
|--|-----------------|------------|-------------|
|  |                 |            | \$          |
| Shanks, shoe.....  | —               | —          | 232,847     |
| Shapers and jointers, wood-working.....                                      | —               | —          | 33,731      |
| Shapers, metal-working.....  | —               | —          | 267,722     |
| Sharpeners, pencil.....  | —               | —          | *           |
| Sharpening stones and files.....   | —               | —          | 303,913     |
| Saws.....  | —               | —          | 52,916      |
| Shearing machines.....   | —               | —          | 146,076     |
| Sheet forms, commercial, etc., printed.....                                  | —               | —          | 14,169,958  |
| Sheets and sheeting, cotton.....   | —               | —          | 4,238,988   |
| Sheets and pillow slips, crib.....   | —               | —          | 13,000      |
| Sheets, rubber.....  | doz.            | 9,342      | 186,464     |
| Sheets, crib, rubber.....  | ..              | —          | 97,896      |
| Sheeting, rubber, all kinds.....   | yd.             | 140,375    | 77,974      |
| Sheet iron ware, not elsewhere specified.....                                | —               | —          | *           |
| Sheet metal building materials, not elsewhere specified.....                 | —               | —          | 1,259,695   |
| Sheet metal products, not elsewhere specified.....                           | —               | —          | 218,082     |
| Sheets, aluminium.....   | —               | —          | *           |
| Sheets, corrugated iron.....   | —               | —          | 535,724     |
| Sheets, iron and steel.....  | —               | —          | *           |
| Sheets, tin mill, black plate, galvanized, etc.....                          | —               | —          | 5,305,482   |
| Shields, dress.....  | doz.            | 88,458     | 195,059     |
| Shims, railroad and other.....   | —               | —          | 177,263     |
| Shingle bands.....   | —               | —          | 45,536      |
| Shingles, wooden.....  | —               | —          | 10,024,337  |
| Shingles, asbestos.....  | —               | —          | *           |
| Shipbuilding and repairs.....  | —               | —          | 446,351,387 |
| Shirts, fine—  |                 |            |             |
| Cotton.....  | doz.            | 738,820    | 10,570,366  |
| Silk and artificial silk.....  | "               | 9,865      | 222,717     |
| Shirts, work—  |                 |            |             |
| Cotton.....  | doz.            | 506,831    | 5,077,957   |
| Wool.....  | "               | 56,391     | 1,000,709   |
| Shirts, not specified.....   | "               | 10,888     | 189,801     |
| Shirts and blouses, boys.....  | "               | 103,856    | 749,321     |
| Shock absorbers, automobile.....   | —               | —          | *           |
| Shoddy, mungo and wool extract.....  | lb.             | 10,363,283 | 2,002,382   |
| Shoe trimmings.....  | —               | —          | 104,973     |
| Shoe uppers and tops.....  | —               | —          | 159,990     |
| Shoos, box.....  | —               | —          | 9,480,627   |
| Shortening—  |                 |            |             |
| Containing animal fat.....   | lb.             | 55,199,054 | 8,021,131   |
| Containing no animal fat.....  | "               | 43,152,733 | 6,211,162   |
| Shortening substitute.....   | —               | —          | *           |
| Shorts and middlings.....  | ton             | 481,042    | 12,160,318  |
| Shovels, hand.....   | —               | —          | 22,642      |
| Shovels, power.....  | —               | —          | 205,173     |
| Shuttlecocks, badminton.....   | —               | —          | *           |
| Signs, electric.....   | —               | —          | *           |
| Signs, gas, neon and other luminous.....                                     | no.             | 265        | 55,766      |
| Signs, brass and other.....  | —               | —          | 625,678     |
| Silicon carbide.....   | —               | —          | *           |
| Silicon metal.....   | —               | —          | *           |
| Silico manganese, silico spiegel, spiegelisen, etc. (see "Ferroalloys")..... | —               | —          | *           |
| Silk, broad—   |                 |            |             |
| Silk mixtures.....   | —               | —          | *           |
| Artificial silk, continuous filament.....                                    | yd.             | 54,698,933 | 24,230,514  |
| Suno rayon and mixtures.....   | "               | 22,030,690 | 8,174,340   |
| Other artificial silk and mixtures, continuous filament.....                 | "               | 6,082,500  | 4,229,464   |
| Silk and artificial silk knitted goods, n.e.s.....                           | —               | —          | 1,838,942   |
| Silox.....   | —               | —          | *           |
| Silver alloys.....   | —               | —          | 199,527     |
| Silver, fine.....  | —               | —          | 439,662     |
| Silver, sterling, melted, rolled, etc.....                                   | —               | —          | 796,443     |
| Size.....  | —               | —          | 590,763     |
| Skates.....  | pr.             | 111,720    | 96,935      |
| Skewers.....   | —               | —          | *           |
| Skis.....  | pr.             | 139,610    | 382,541     |
| Ski poles and fittings.....  | —               | —          | 311,857     |
| Skins, calf.....   | no.             | 547,538    | 1,444,159   |
| Skins, sheep.....  | "               | 905,091    | 1,649,533   |
| Skins, pickled.....  | doz.            | 99,985     | 730,098     |
| Skins, raw and dressed.....  | —               | —          | 2,429,688   |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity    | Value       |
|--|-----------------|-------------|-------------|
|  |                 |             | \$          |
| Skips and cages, mining.....                       | —               | —           | •           |
| Skirts—  |                 |             |             |
| Cotton.....  | no.             | 295,333     | 308,787     |
| Artificial silk.....                               | "               | 1,255,011   | 2,425,573   |
| Woolen.....  | "               | 403,441     | 943,354     |
| Other.....   | "               | 13,748      | 28,779      |
| Slabs and rdgings.....                             | —               | —           | 2,269,370   |
| Sleeve protectors.....                             | —               | —           | 5,028       |
| Sleighs.....                                       | no.             | 2,120       | 178,713     |
| Sleighs, children's.....                           | "               | 48,026      | 67,784      |
| Slicers, meat and bread.....                       | —               | —           | •           |
| Slippers, cloth, carpet, etc.—                     |                 |             |             |
| Babies.....  | pr.             | 94,781      | 51,479      |
| Boys.....  | "               | 103,444     | 69,736      |
| Misses' and children's.....                        | "               | 765,333     | 407,071     |
| Men's.....   | "               | 502,255     | 645,726     |
| Women's and growing girls.....                     | "               | 3,079,552   | 2,429,719   |
| Not specified.....                                 | —               | —           | 26,150      |
| Smelter and refinery products.....                 | —               | —           | 511,213,376 |
| Smocks, women's.....                               | doz.            | 16,147      | 289,556     |
| Smoke breeching.....                               | —               | —           | 12,769      |
| Smoker's sets.....                                 | —               | —           | 120,270     |
| Smokestacks, steel.....                            | —               | —           | 90,474      |
| Snaths, scythe.....                                | —               | —           | •           |
| Snow removing equipment.....                       | —               | —           | •           |
| Snowshoes.....                                     | —               | —           | •           |
| Soap—  |                 |             |             |
| Household, laundry, and chips.....                 | lb.             | 111,617,166 | 8,997,604   |
| Liquid.....  | —               | —           | 750,020     |
| Polishing or scouring.....                         | lb.             | 225,260     | 18,523      |
| Powder.....  | "               | 69,750,626  | 6,610,469   |
| Soft.....  | "               | 2,149,714   | 155,541     |
| Textile and mill.....                              | "               | 5,111,683   | 509,207     |
| Toilet.....  | "               | 33,426,181  | 6,157,333   |
| Shaving, including shaving creams.....             | "               | 1,807,212   | 1,554,518   |
| Hard, all other.....                               | "               | 2,884,892   | 257,778     |
| Not specified.....                                 | —               | —           | 296,564     |
| Sodium azide.....                                  | —               | —           | •           |
| Sodium bisulphate (nitre cake).....                | —               | —           | •           |
| Sodium carbonate.....                              | —               | —           | •           |
| Sodium chlorate.....                               | —               | —           | •           |
| Sodium hydroxide.....                              | —               | —           | 2,834,932   |
| Sodium hypochlorite.....                           | —               | —           | 15,021      |
| Sodium metabisulphite.....                         | —               | —           | •           |
| Sodium metasilicate.....                           | —               | —           | •           |
| Sodium phosphate, di-sodium and tri-sodium.....    | —               | —           | •           |
| Sodium pyrophosphate.....                          | —               | —           | •           |
| Sodium silicate.....                               | —               | —           | •           |
| Sodium sulphite.....                               | —               | —           | •           |
| Sodium sulphate.....                               | —               | —           | •           |
| Sodium thiosulphite.....                           | —               | —           | •           |
| Solder.....  | lb.             | 8,223,498   | 1,048,163   |
| Soling, rubber—                                    |                 |             |             |
| Rubber and composition soles.....                  | pr.             | 757,505     | 179,595     |
| Rubber and composition half-soles.....             | "               | 385,710     | 78,277      |
| Soling and slabs for heels.....                    | lb.             | 374,726     | 190,458     |
| Soles and heel lifts, not elsewhere specified..... | —               | —           | 935,103     |
| Soles, felt, and other (insoles).....              | —               | —           | 223,645     |
| Soup, canned.....                                  | lb.             | 92,279,552  | 10,599,930  |
| Soup, dehydrated and soup mixtures.....            | —               | —           | 1,318,226   |
| Soybean products, n.e.s.....                       | —               | —           | 37,494      |
| Spades and shovels.....                            | no.             | 971,466     | 740,864     |
| Spark plugs.....                                   | "               | 11,885,346  | 2,067,288   |
| Spice compound.....                                | lb.             | 195,288     | 35,781      |
| Spices, mixed, whole or ground.....                | "               | 4,911,901   | 1,537,914   |
| Spiegelstein.....                                  | —               | —           | •           |
| Spikes, railway.....                               | —               | —           | •           |
| Spikes, other.....                                 | —               | —           | 94,749      |
| Spinings, metal.....                               | —               | —           | •           |
| Spinning and weaving custom.....                   | —               | —           | 60,000      |
| Spinning wheels.....                               | no.             | 1,235       | 9,672       |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity  | Value      |
|---|-----------------|-----------|------------|
| \$  |                 |           |            |
| Spirits produced during the year but placed in bond for maturing— |                 |           |            |
| Whiskey, rye type   | pr. gal.        | 836,037   | 379,454    |
| Whiskey, other type   | "               | 785,627   | 365,104    |
| Gin and other spirits   | "               | 1,077,386 | 762,061    |
| Spirits matured, sold (including purchases from other firms)—     |                 |           |            |
| Whiskey, scotch type  | "               | 423,769   | 2,717,681  |
| Whiskey, rye type   | "               | 4,324,532 | 19,683,028 |
| Whiskey, other types  | "               | 60,246    | 151,545    |
| Gin   | "               | 801,519   | 3,494,934  |
| Other spirits   | "               | 797,505   | 1,057,049  |
| Spools, bobbins and shuttles                                      | —               | —         | 1,250,255  |
| Spoolwood   | —               | —         | 894,127    |
| Sport gloves and mitts  | —               | —         | 129,616    |
| Sporting goods, not specified                                     | —               | —         | 197,826    |
| Sprayers, hand  | no.             | 811       | 27,436     |
| Sprayers, power   | "               | 230       | 66,360     |
| Sprayers, not specified   | —               | —         | 3,960      |
| Springs, automobile   | —               | —         | 7,609,141  |
| Springs, bed—   |                 |           |            |
| Box   | no.             | 92,720    | 1,209,957  |
| Coil  | —               | —         | 37,066     |
| Link  | "               | 84,363    | 481,344    |
| Cable   | "               | 158,899   | 866,936    |
| Slat fabric   | "               | 23,966    | 165,151    |
| Springs, upholstery   | —               | —         | 698,361    |
| Spring assemblies for upholstery                                  | —               | —         | 16,192     |
| Springs for cars and locomotives                                  | —               | —         | 608,488    |
| Springs, other  | —               | —         | 4,534,925  |
| Stains  | Imp. gal.       | 360,208   | 622,799    |
| Stampings, metal, not specified                                   | —               | —         | 6,844,175  |
| Stamps, rubber  | —               | —         | 423,825    |
| Stamps, not specified   | —               | —         | 265,521    |
| Stamps, postage, revenue, etc.                                    | —               | —         | —          |
| Staples, wire   | keg.            | 45,888    | 216,157    |
| Starch, corn, edible  | —               | —         | —          |
| Starch, corn, laundry   | —               | —         | —          |
| Starch and flour, potato  | ton             | 2,468     | 332,102    |
| Stationery goods, not specified                                   | —               | —         | 121,169    |
| Statues and art goods   | —               | —         | 525,584    |
| Staves, barrel  | —               | —         | 967,124    |
| Steam traps, etc.   | —               | —         | 411,246    |
| Stearine  | lb.             | 1,395,743 | 110,111    |
| Steel shapes erected—   |                 |           |            |
| Bridges   | ton             | 2,655     | 462,683    |
| Buildings   | "               | 87,287    | 14,633,444 |
| Transmission towers   | "               | 2,936     | 494,035    |
| Steel shapes, structural, unfabricated, etc—                      |                 |           |            |
| Quantity made   | ton             | 146,965   | —          |
| Quantity sold   | "               | 151,674   | 8,802,273  |
| Steel shapes, structural, plain material                          | "               | 55,698    | 5,534,332  |
| Steel shapes, structural, fabricated                              | —               | —         | 2,321,204  |
| Steel, miscellaneous  | —               | —         | 1,094,723  |
| Steel wool  | —               | —         | —          |
| Stellite  | —               | —         | —          |
| Stencils  | —               | —         | 166,569    |
| Stockinette   | lb.             | 1,518,420 | 1,082,286  |
| Stocking dryers   | pr.             | 135,357   | 26,945     |
| Stokers, mechanical   | —               | —         | 1,951,699  |
| Stoker parts  | —               | —         | 606,655    |
| Stone, artificial   | —               | —         | 170,914    |
| Stools, benches and cabinets                                      | —               | —         | 34,396     |
| Store fixtures, not specified                                     | —               | —         | 62,727     |
| Stove and furnace pipe  | —               | —         | 759,979    |
| Stoves—   |                 |           |            |
| Coal and wood   | no.             | 211,430   | 0,089,961* |
| Electric and combination coal and electric                        | "               | 10,246    | 629,640    |
| Gas and combination coal and gas                                  | "               | 30,844    | 1,625,789  |
| Gasoline and oil  | "               | 34,754    | 140,430    |
| Plates, stoves for coffee makers, stove parts, etc.               | —               | —         | 880,116    |
| Straps, leather   | doz.            | 269,474   | 410,424    |
| Straws, soda  | M               | 612,954   | 180,320    |
| Styrene   | —               | —         | —          |

Note.—The asterisk (\*) indicates that the commodity was reported by less than three firms.



## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity    | Value      |
|--|-----------------|-------------|------------|
|  |                 |             | \$         |
| Sugar butter .....   | lb.             | 1,009,723   | 262,279    |
| Sugar, granulated—   |                 |             |            |
| Beet.....  | lb.             | 127,509,410 | -          |
| Cane.....  | "               | 627,247,496 | 43,422,107 |
| Sugar, brown or yellow.....  | "               | 84,124,579  | 4,290,186  |
| Sugar, fruit.....  | "               | 2,035,555   | 126,275    |
| Sugar, grape.....  | "               | -           | -          |
| Sugar, invert.....   | lb.             | 4,396,147   | 299,215    |
| Sugar, loaf.....   | "               | 9,388,880   | 695,727    |
| Sugar, maple.....  | "               | -           | -          |
| Sugar of milk.....   | lb.             | 289,930     | 75,382     |
| Sugar, pulverized or icing.....  | "               | 20,251,130  | 1,295,945  |
| Suits—   |                 |             |            |
| Boys', woollen.....  | no.             | 295,107     | 2,288,929  |
| Men's, woollen.....  | "               | 1,171,117   | 22,039,861 |
| Other, men's and boys'.....  | "               | 50,045      | 257,993    |
| Women's and misses—  |                 |             |            |
| Cotton.....  | "               | 90,891      | 271,769    |
| Silk and artificial silk.....  | "               | 155,863     | 957,051    |
| Woollen.....   | "               | 252,046     | 3,583,882  |
| Other, not specified.....  | "               | 53,557      | 957,707    |
| Children's.....  | "               | 1,201,428   | 758,084    |
| Knitted, women's and children's.....                                       | "               | 80,734      | 278,692    |
| Sulphur.....   | "               | -           | -          |
| Sulphur monochloride.....  | "               | -           | -          |
| Sulphur dioxide, liquid.....   | "               | -           | -          |
| Superheaters.....  | "               | -           | 2,207,425  |
| Superphosphate.....  | ton             | 123,680     | 1,956,143  |
| Surfactors, wood-working.....  | no.             | 40          | 75,292     |
| Surgical and orthopaedic appliances and surgical dressings—                |                 |             |            |
| Surgical bandages and dressings.....                                       | "               | -           | 1,377,965  |
| Surgical belts.....  | "               | -           | 222,027    |
| Surgical stockings, elastic.....   | no.             | 48,650      | 77,290     |
| Orthopaedic corsets.....   | "               | -           | 458,191    |
| Artificial limbs, crutches and parts.....                                  | "               | -           | 143,039    |
| Foot easers, arch supports, etc.....                                       | "               | -           | 81,814     |
| Trusses.....   | "               | -           | 205,688    |
| Other surgical supports.....   | "               | -           | 160,229    |
| Surgical and orthopaedic appliances and instruments not specified.....     | "               | -           | 230,847    |
| Suspenders, supporters and garters.....                                    | "               | -           | 2,056,975  |
| Swathers.....  | no.             | 140         | 85,178     |
| Sweaters, jackets, etc.....  | doz.            | 816,030     | 10,953,878 |
| Sweeping compounds.....  | "               | -           | 128,100    |
| Swings, baby and other.....  | "               | -           | 11,420     |
| Switch gear and protective equipment (except telephone switch-boards)..... | "               | -           | 9,935,061  |
| Switches and switch boxes.....   | "               | -           | 74,120     |
| Synthetics and plastics.....   | "               | -           | 7,184,405  |
| Syringes, fountain, and attachments.....                                   | "               | -           | 75,165     |
| Syrup, corn.....   | "               | -           | -          |
| Syrup and fruit juices, fountain.....                                      | gal.            | 825,973     | 1,544,550  |
| Syrup maple (factory made).....  | "               | -           | -          |
| Syrups, table.....   | gal.            | 125,461     | 154,085    |
| Syrups from cane (not including molasses).....                             | lb.             | 9,412,517   | 376,800    |
| Table cloths and napkins.....  | "               | -           | 108,620    |
| Tacks, cut and wire.....   | "               | -           | 540,987    |
| Tags and labels, shipping.....   | "               | -           | 7,291,800  |
| Tags and tickets, printed.....   | "               | -           | 616,333    |
| Tags, not specified.....   | "               | -           | 24,027     |
| Tailors' supplies, n.e.s.....  | "               | -           | 2,151,870  |
| Tallow.....  | "               | -           | 5,505,294  |
| Tankage, animal.....   | lb.             | 64,503,802  | 1,049,305  |
| Tanks, steel storage, black, galvanized, etc.....                          | "               | 49,444,946  | 2,728,272  |
| Tanks, pressure, other.....  | "               | -           | 244,045    |
| Tanks, steel, pneumatic.....   | "               | -           | 102,785    |
| Tanks, steel, septic.....  | "               | -           | 25,436     |
| Tanks, other, not specified.....   | "               | -           | 1,660,119  |
| Tanners' bate.....   | "               | -           | 64,962     |
| Tape, rubber and friction.....   | lb.             | 1,614,273   | 614,860    |
| Tape, paper, gummed.....   | "               | -           | 1,558,754  |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items   | Unit of Measure | Quantity   | Value      |
|---|-----------------|------------|------------|
| Tape, telegraph   | —               | —          | \$         |
| Tapes, fabric   | —               | —          | 1,174,976  |
| Tapestries  | yd.             | 1,857,861  | 996,100    |
| Tapioca, granulated   | —               | —          | 105,514    |
| Tar, coal and crude   | Imp. gal.       | 36,444,810 | 2,209,352  |
| Tar, refined  | gal.            | 3,458,842  | 428,426    |
| Tar from petroleum refineries                                 | —               | —          | —          |
| Targets, clay   | —               | —          | —          |
| Tea, blended, etc.  | lb.             | 24,999,602 | 16,807,574 |
| Telephone materials, not elsewhere specified                  | —               | —          | 8,914,785  |
| Tenoners and mortisers, wood-working                          | —               | —          | 13,588     |
| Tents   | —               | —          | 1,006,221  |
| Thermit   | —               | —          | —          |
| Thermometers, all kinds                                       | —               | —          | —          |
| Thickeners, mining and metallurgical                          | —               | —          | —          |
| Thinners, pyroxylin   | gal.            | 1,231,245  | 1,441,317  |
| Thiokol   | —               | —          | —          |
| Thread, cotton  | —               | —          | 6,307,172  |
| Thread, silk and artificial silk (see also "Yarn and thread") | —               | —          | 200,469    |
| Threading machines  | —               | —          | —          |
| Threshers and reaper-threshers, combined and parts            | —               | —          | 2,610,831  |
| Ties, wooden  | —               | —          | 3,529,219  |
| Tile, asphalt and other, n.s.                                 | —               | —          | 139,784    |
| Tile, drain   | M               | 13,001     | 390,377    |
| Tile, floor (from domestic clay)                              | —               | —          | 20,949     |
| Tile, floor and wall (from imported clay)                     | —               | —          | —          |
| Tile, roofing, and hollow blocks                              | —               | —          | 820,362    |
| Timbers, mine   | —               | —          | 1,229,476  |
| Tin   | lb.             | 258,509    | 168,337    |
| Tinned plate and scrap  | —               | —          | 7,142,266  |
| Tinsel garlands and ribbons                                   | —               | —          | 309,511    |
| Tinware, japanned or not                                      | —               | —          | —          |
| Tire braids, auto.  | —               | —          | —          |
| Tire fabrics  | lb.             | 21,726,110 | 10,113,893 |
| Tires and tubes—  | —               | —          | —          |
| Balloon, casings  | no.             | 1,484,222  | 56,142,468 |
| High-pressure, casings  | "               | 5,659      | 141,012    |
| High pressure and balloon inner tubes                         | "               | 1,249,980  | 5,198,793  |
| Airplane tubes  | "               | 46,246     | 235,370    |
| Bicycle tubes   | —               | —          | —          |
| Airplane tires  | no.             | 65,232     | 2,092,448  |
| Motorcycle tires  | —               | —          | —          |
| Bicycle tires   | no.             | 409,464    | 325,398    |
| Industrial  | "               | 3,777      | 60,386     |
| Tires and tiring, baby cab and toy                            | lb.             | 106,192    | 14,761     |
| Tires, implement and tractor, pneumatic                       | no.             | 16,534     | 364,625    |
| Tires, rubber, not specified                                  | "               | 1,949      | 9,499      |
| Tires, rebuilt  | "               | 43,977     | 211,102    |
| Tires, railway car  | —               | —          | 1,054,028  |
| Tissues, cleansing  | —               | —          | —          |
| Toasters, electric  | no.             | 7,788      | 52,470     |
| Tobacco—  | —               | —          | —          |
| Chewing, cut and twist  | lb.             | 233,881    | 303,467    |
| Chewing, plug   | "               | 2,603,169  | 3,357,021  |
| Smoking, leaf   | "               | 425,562    | 145,682    |
| Smoking, cut  | "               | 23,760,147 | 34,538,103 |
| Smoking, plug   | "               | 622,305    | 851,407    |
| Smoking, twist  | —               | —          | 771        |
| Snuff   | lb.             | 941,740    | 1,796,435  |
| Stems and cuttings  | —               | —          | 8,882      |
| Tobacco, raw leaf, processed                                  | lb.             | 74,239,405 | 24,247,496 |
| Tobacco pouches   | —               | —          | 176,390    |
| Toboggans   | no.             | 120,888    | 207,956    |
| Toilet preparations, not elsewhere specified—                 | —               | —          | —          |
| Brilliantine, oily and liquid                                 | —               | —          | 431,411    |
| Compacts and lipsticks  | —               | —          | 854,649    |
| Creams, solid or liquid, all kinds                            | —               | —          | 2,493,308  |
| Toilet water and lotions                                      | —               | —          | 3,151,505  |
| All other   | —               | —          | 4,361,100  |
| Toiletware, celluloid   | —               | —          | —          |
| Toiletware, silver  | —               | —          | 280,364    |
| Tomato catsup, canned   | lb.             | 3,787,444  | 221,516    |
| Tomato catsup, other  | "               | 14,896,838 | 2,436,541  |
| Tomato juice  | "               | 71,044,735 | 3,570,872  |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity   | Value      |
|--|-----------------|------------|------------|
|  |                 |            | \$         |
| Tomato paste and puree.....                                  | "               | 4,494,471  | 356,587    |
| Tomato pulp.....   | "               | 4,385,723  | 161,803    |
| Tools, carpenters' and mechanics' other than files.....      | "               | "          | 2,430,238  |
| Tools, machine, not elsewhere specified.....                 | "               | "          | 3,702,220  |
| Tools, small cutting.....                                    | "               | "          | 5,583,964  |
| Tools, threading.....  | "               | "          | "          |
| Tools, not elsewhere specified.....                          | "               | "          | 13,921,620 |
| Toothpicks.....  | "               | "          | "          |
| Toppings, for ice cream.....                                 | gal.            | 85,904     | 189,392    |
| Tow, green.....  | lb.             | 13,886,784 | 1,461,517  |
| Towels and towelling—  |                 |            |            |
| Bath mats and bath sets.....                                 | "               | "          | 250,168    |
| Towelling.....   | y.d.            | 4,268,280  | 750,820    |
| Towels, all kinds.....                                       | doz.            | 1,037,338  | 2,490,017  |
| Face cloths.....   | "               | 548,398    | 327,282    |
| Towels, sanitary, all kinds.....                             | "               | "          | 3,287,105  |
| Towels, paper.....   | case            | 409,746    | 1,107,191  |
| Toys—  |                 |            |            |
| Wooden.....  | "               | "          | 1,462,404  |
| Miscellaneous, not specified including model aeroplanes..... | "               | "          | 1,059,491  |
| Trade work, n.e.s. (printing plant).....                     | "               | "          | 1,516,275  |
| Transfers, paper, celsulomania.....                          | "               | "          | 635,668    |
| Transfers, paper, dry.....                                   | "               | "          | 81,274     |
| Transformers.....  | "               | "          | 8,050,105  |
| Transformer parts.....                                       | "               | "          | 388,325    |
| Transmission towers, electric (see "Steel shapes").....      | "               | "          | "          |
| Traps and fittings, lead.....                                | lb.             | 848,607    | 152,498    |
| Traps, animal (including mouse and rat).....                 | "               | "          | "          |
| Traps, not specified.....                                    | "               | "          | "          |
| Trays, display, and other.....                               | "               | "          | 22,119     |
| Trichlorethylene.....  | "               | "          | "          |
| Printings, not specified.....                                | "               | "          | 470,325    |
| Trophies.....  | "               | "          | 78,351     |
| Trucks, factory, and other hand trucks.....                  | "               | "          | 764,792    |
| Trunks, all kinds.....                                       | no.             | 115,742    | 648,011    |
| Trussers.....  | "               | "          | "          |
| Tubes, collapsible.....                                      | "               | "          | "          |
| Tubes, vacuum, X-ray tubes.....                              | no.             | 361,632    | 3,998,030  |
| Tubing, brass, bronze, and aluminium.....                    | "               | "          | 3,208,552  |
| Tubing, rubber.....  | lb.             | 213,225    | 185,420    |
| Tubing, steel.....   | ton             | 25,065     | 4,374,550  |
| Tubing and twisting, knitted.....                            | lb.             | 645,877    | 426,577    |
| Tubs, laundry, cement.....                                   | no.             | 10,192     | 86,533     |
| Turbines and water wheels.....                               | "               | "          | 2,794,695  |
| Turpentine.....  | "               | "          | "          |
| Twine and cordage—   |                 |            |            |
| Binder twine, all sisal.....                                 | b.              | 19,509,317 | 2,583,274  |
| Binder twine, chiefly sisal.....                             | "               | 55,303,917 | 4,518,770  |
| Twine, all sisal.....  | "               | 123,572    | 20,570     |
| Twine, all hemp and all flax.....                            | "               | 208,381    | 159,529    |
| Twine, all jute.....   | "               | 4,988,193  | 1,345,111  |
| Twine and cordage, not specified.....                        | "               | "          | 2,233,580  |
| Type and type metal.....                                     | lb.             | 4,624,178  | 424,352    |
| Typesetting (trade composition).....                         | "               | "          | 1,285,887  |
| Typewriter ribbons.....                                      | "               | "          | 446,730    |
| Typewriters.....   | no.             | 16,221     | 1,025,658  |
| Umbrellas.....   | doz.            | 22,622     | 536,088    |
| Undertakers' supplies, not specified.....                    | "               | "          | 206,115    |
| Underwear—   |                 |            |            |
| Cotton, combination.....                                     | doz.            | 280,206    | 2,362,961  |
| Cotton, separate.....  | "               | 1,200,293  | 4,215,090  |
| Chiefly cotton, combination.....                             | "               | 58,116     | 619,908    |
| Chiefly cotton, separate.....                                | "               | 207,901    | 1,734,714  |
| Cotton, not specified.....                                   | "               | 256,245    | 749,875    |
| Merino, combination.....                                     | "               | 70,356     | 1,314,477  |
| Merino, separate.....  | "               | 56,803     | 604,157    |
| Chiefly merino.....  | "               | 84,653     | 1,116,289  |
| Artificial silk.....   | "               | 384,572    | 1,799,492  |
| Chiefly artificial silk.....                                 | "               | 26,787     | 175,264    |
| Artificial silk and mixtures, not specified.....             | "               | 416,714    | 1,804,193  |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items                                      | Unit of Measure | Quantity    | Value      |
|--|-----------------|-------------|------------|
| \$   |                 |             |            |
| Underwear— <i>Concluded</i>                |                 |             |            |
| Wool, combination.....                     | doz.            | 9,392       | 266,487    |
| Wool, separate.....                        | "               | 24,143      | 259,338    |
| Chiefly wool, combination.....             | "               | 50,083      | 808,225    |
| Chiefly wool, separate.....                | "               | 171,058     | 1,905,436  |
| Not specified.....                         | "               | 35,903      | 699,963    |
| Underslips—                                |                 |             |            |
| Artificial silk.....                       | "               | 443,202     | 4,202,650  |
| Artificial silk and mixtures.....          | "               | 129,705     | 1,432,295  |
| Cotton.....                                | "               | 27,089      | 120,961    |
| Not specified.....                         | "               | 4,932       | 26,270     |
| Uniforms—                                  |                 |             |            |
| Woolen.....                                | no.             | 2,634,432   | 22,444,324 |
| Cotton, nurses', maids, etc.....           | "               | -           | 938,583    |
| Not specified.....                         | no.             | 510,532     | 1,703,969  |
| Universal carriers.....                    | "               | -           | 36,954,262 |
| Upholstering materials, n.e.s.....         | "               | -           | 43,490     |
| Valves, brass and bronze.....              | "               | -           | 5,650,459  |
| Valves, iron.....                          | "               | -           | 2,955,944  |
| Valves, tire.....                          | "               | -           | "          |
| Valves, not specified.....                 | "               | -           | 1,990,528  |
| Varnishes.....                             | "               | -           | 4,852,572  |
| Vaults, burial, cement and steel.....      | "               | -           | 65,221     |
| Vegetables, canned—                        |                 |             |            |
| Asparagus.....                             | lb.             | 2,859,898   | 390,120    |
| Beans, baked.....                          | "               | 14,422,992  | 923,692    |
| Beans, green or wax.....                   | "               | 24,336,337  | 1,867,706  |
| Beets.....                                 | "               | 2,225,853   | 200,197    |
| Carrots.....                               | "               | 4,040,811   | 258,761    |
| Carrots and peas.....                      | "               | 1,950,868   | 127,403    |
| Corn, cream of, whole grain, etc.....      | "               | 34,090,621  | 2,675,493  |
| Corn, on the cob.....                      | "               | -           | "          |
| Mushrooms.....                             | "               | -           | "          |
| Peas.....                                  | lb.             | 58,197,401  | 4,271,127  |
| Pumpkin.....                               | "               | 11,602,135  | 544,345    |
| Spinach.....                               | "               | 1,169,000   | 88,732     |
| Tomatoes.....                              | "               | 67,957,248  | 3,581,099  |
| Vegetable dinners.....                     | "               | 2,462,514   | 453,252    |
| Vegetables, mixed.....                     | "               | 683,869     | 50,254     |
| Vegetables, other.....                     | "               | 3,192,350   | 315,177    |
| Vegetables, evaporated and dehydrated..... | "               | 10,869,327  | 3,598,415  |
| Vegetables, frozen or cold pack.....       | "               | 3,392,809   | 404,986    |
| Vegetable juices, canned.....              | "               | -           | "          |
| Vehicles, children's.....                  | "               | -           | 510,974    |
| Veils and veiling.....                     | "               | -           | "          |
| Velvets.....                               | "               | -           | "          |
| Veneer.....                                | M sq. ft.       | 313,580     | 6,203,685  |
| Vests, woollen.....                        | no.             | 34,659      | 66,788     |
| Vests, other, not specified.....           | "               | 2,812       | 8,002      |
| Vinegar (made for sale)—                   |                 |             |            |
| Spirit.....                                | pr. gal.        | 3,104,054   | 1,209,673  |
| Cider.....                                 | "               | 761,808     | 249,631    |
| Malt.....                                  | "               | 430,907     | 191,484    |
| Visors, cap.....                           | "               | -           | "          |
| Wagons (see "Carriages and wagons")        |                 |             |            |
| Wall board, gypsum.....                    | sq. ft.         | 192,185,192 | 4,317,946  |
| Wall plaster.....                          | "               | -           | 520,610    |
| Wardrobes, wall board.....                 | "               | -           | "          |
| Washboards.....                            | no.             | 214,992     | 72,519     |
| Washers, leather.....                      | doz.            | 2,427,523   | 143,421    |
| Washers and gaskets, iron, steel, etc..... | "               | -           | 904,036    |
| Washing compounds and powders.....         | "               | -           | 384,672    |
| Waste, cotton, wool and jute.....          | "               | -           | 3,877,097  |
| Waste, other.....                          | "               | -           | 330,957    |
| Waste, wood.....                           | "               | -           | 264,801    |
| Watches.....                               | "               | -           | 237,152    |
| Watch cases.....                           | "               | -           | 381,648    |
| Water distilled.....                       | "               | -           | 14,881     |
| Water, aerated.....                        | Imp. gal.       | 58,020,492  | 36,785,322 |
| Water, mineral, natural.....               | "               | -           | 121,714    |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Con.

| Items  | Unit of Measure | Quantity   | Value      |
|--|-----------------|------------|------------|
|  |                 |            | \$         |
| Waterproofing of fabrics                                 | —               | —          | 419,098    |
| Waterproofing preparations                               | —               | —          | 37,798     |
| Wax and wax compounds, all kinds                         | —               | —          | 1,217,103  |
| Wax, sealing   | —               | —          | —          |
| Weatherstrip   | —               | —          | 205,998    |
| Webbing, elastic and non-elastic                         | —               | —          | 5,312,505  |
| Weeders  | no.             | 450        | 23,013     |
| Weed killer  | —               | —          | 225,504    |
| Welding apparatus with control equipment and accessories | —               | —          | 2,081,884  |
| Welding compounds and fluxes                             | —               | —          | 51,489     |
| Welding rods and welding wires                           | e. ton          | 13,302     | 1,512,646  |
| Welding  | yd.             | 12,615,318 | 648,101    |
| Wheelbarrows and parts                                   | —               | —          | 53,591     |
| Wheels, automobile                                       | —               | —          | —          |
| Wheels, railway car                                      | —               | —          | 5,248,755  |
| Wheels, not specified                                    | —               | —          | 77,574     |
| Whips  | no.             | 87,305     | 20,647     |
| Whiskies (see "Spirits")                                 | —               | —          | —          |
| Whisks   | doz.            | 82,729     | 117,613    |
| White, satin   | —               | —          | —          |
| Wine, sold during the year                               | gal.            | 3,500,625  | 5,548,620  |
| Wine, produced and placed in storage for maturing        | —               | 3,449,726  | 1,331,957  |
| Wine spirits   | —               | —          | —          |
| Wiping cloths and rags, washed and sterilized            | lb.             | 11,619,844 | 1,806,343  |
| Wiping cloths and rags, other                            | —               | —          | 927,878    |
| Wire, barbed—  | —               | —          | —          |
| Quantity made  | ton             | 9,801      | —          |
| Quantity sold  | "               | 9,920      | 866,090    |
| Wire, cold rolled, flat, all sizes—                      | —               | —          | —          |
| Quantity made  | "               | 3,962      | —          |
| Quantity sold  | "               | 1,349      | 221,081    |
| Wire, galvanized—  | —               | —          | —          |
| Quantity made  | ton             | 41,681     | —          |
| Quantity sold  | "               | 17,250     | 1,991,901  |
| Wire, drawn from rods—                                   | —               | —          | —          |
| Quantity made  | ton             | 191,210    | —          |
| Quantity sold  | "               | 52,270     | 4,480,538  |
| Wire, strand, twisted—                                   | —               | —          | —          |
| Quantity made  | "               | 892        | —          |
| Quantity sold  | "               | 935        | 232,279    |
| Wire and cables, electrical                              | —               | —          | 35,474,819 |
| Wire rope and cable, not specified—                      | —               | —          | —          |
| Quantity made  | ton             | 15,888     | —          |
| Quantity sold  | "               | 15,917     | 7,351,709  |
| Wire, brass and copper                                   | —               | —          | —          |
| Wire, gold-filled, and alloys                            | —               | —          | 692,872    |
| Wire cloth, brass and bronze                             | —               | —          | 1,832,042  |
| Wire cloth, iron and steel, including screen cloth       | sq. ft.         | 2,760,074  | 1,103,201  |
| Wire mesh, steel, woven, welded, etc.                    | —               | —          | 517,790    |
| Wire shapes, hangers, shades, etc.                       | —               | —          | —          |
| Wire goods, not specified                                | —               | —          | 1,453,573  |
| Wiring devices, not elsewhere specified                  | —               | —          | 4,254,720  |
| Wooden products, not specified                           | —               | —          | 1,102,894  |
| Wood flour   | —               | —          | 34,760     |
| Woodenware, kitchen                                      | —               | —          | 126,151    |
| Woodenware, not specified                                | —               | —          | 127,354    |
| Wood preservation  | —               | —          | —          |
| Wood turning, not specified                              | —               | —          | 566,025    |
| Woodwork, sanitary                                       | —               | —          | 288,009    |
| Wool, raw and unmanufactured                             | —               | —          | 6,170,882  |
| Woolen cloth, woven—                                     | —               | —          | —          |
| All wool, woollen  | yd.             | 10,723,676 | 18,030,694 |
| All wool, worsted  | "               | 3,434,219  | 6,655,062  |
| Woolen and worsted, mixed                                | "               | 7,181,514  | 16,263,837 |
| Cotton warp, woollen                                     | "               | 1,508,422  | 1,346,170  |
| Other woollen and mixtures                               | "               | 2,829,489  | 3,838,346  |
| Velours, mohair and plushes                              | —               | —          | —          |
| Wrappers, bottle   | —               | —          | 184,076    |
| Wrappers, paper, not specified                           | —               | —          | 1,589,017  |
| Wringers, clothes  | no.             | 11,025     | 53,469     |

NOTE.—The asterisk (\*) indicates that the commodity was reported by less than three firms.

## Alphabetical List of Products Manufactured in Canada, 1943—Contc.

| Items   | Unit of Measure | Quantity   | Value                |
|---|-----------------|------------|----------------------|
|   |                 |            | \$                   |
| Xylenols, high boiling.....   | —               | —          | •                    |
| Yarns—  |                 |            |                      |
| Cotton, grey.....   | lb.             | 33,564,651 | 13,475,748           |
| Cotton, bleached and coloured.....  | “               | 8,120,240  | 4,420,637            |
| Cotton and wool mixtures.....   | “               | 914,331    | 574,587              |
| Cotton, other.....  | “               | 1,655,302  | 709,811              |
| Artificial silk, singles.....   | “               | 10,257,862 | 7,033,965            |
| Silk and artificial silk mixtures.....  | “               | 250,788    | 429,030              |
| Nylon.....  | —               | —          | —                    |
| Spun rayon.....   | lb.             | 1,704,782  | 1,122,220            |
| Woolen transferred or sold to other plants of firms reporting.....  | “               | 6,164,226  | 3,296,568            |
| Woolen, sold to other firms.....  | “               | 2,581,076  | 2,461,028            |
| Woolen, not specified.....  | “               | 65,133     | 155,909              |
| Worsted, sold to other firms.....   | “               | 7,215,673  | 10,206,954           |
| Worsted, transferred or sold to other plants of firms reporting.....  | “               | 2,671,266  | 3,170,072            |
| Not specified.....  | —               | —          | 918,743              |
| Yeast, dry.....   | lb.             | 2,425,407  | 521,208              |
| Yeast, fresh (for sale).....  | “               | 16,388,418 | 3,231,805            |
| Yeast food, bread improver, etc.....  | “               | 2,953,224  | 262,261              |
| Yoghourt.....   | —               | —          | 6,999                |
| Zinc, refined, zinc alloys, etc.....  | —               | —          | 413,314              |
| Zinc chloride.....  | —               | —          | •                    |
| Zinc cyanide.....   | —               | —          | •                    |
| Zinc naphthamate.....   | —               | —          | •                    |
| Zinc stearate.....  | —               | —          | •                    |
| Zinc oxide and zinc dust.....   | —               | —          | •                    |
| Zinc products, not specified.....   | —               | —          | •                    |
| Manufactured food products, packaged only.....  | —               | —          | 919,125              |
| Amount received by clothing contractors.....  | —               | —          | 5,400,992            |
| All other products, not specified—  |                 |            |                      |
| Vegetable products group.....   | —               | —          | 1,957,624            |
| Animal products group.....  | —               | —          | 6,651,262            |
| Textile products group.....   | —               | —          | 964,281              |
| Wood and paper products group.....  | —               | —          | 5,314,719            |
| Iron and steel products group.....  | —               | —          | 86,559,477           |
| Non-ferrous metal products group.....   | —               | —          | 11,737,653           |
| Non-metallic mineral products group.....  | —               | —          | 8,894,070            |
| Chemicals and chemical products group.....  | —               | —          | 8,426,864            |
| Miscellaneous products group.....   | —               | —          | 13,438,201           |
| Custom work and repairs—  |                 |            |                      |
| Vegetable products group.....   | —               | —          | 81,622               |
| Animal products group.....  | —               | —          | 383,839              |
| Textile products group.....   | —               | —          | 5,900,401            |
| Wood and paper products group.....  | —               | —          | 5,465,492            |
| Iron and steel products group.....  | —               | —          | 80,508,530           |
| Non-ferrous metal products group.....   | —               | —          | 3,402,977            |
| Non-metallic mineral products group.....  | —               | —          | 66,256               |
| Miscellaneous products group.....   | —               | —          | 2,260,729            |
| Products which were reported by only one or two firms and for which figures cannot be shown separately..... | —               | —          | 239,325,807          |
| <b>Total value of products listed.....</b>  | —               | —          | <b>8,999,100,286</b> |
| Deductions due to the adjustment for intermediate products and excise taxes.....                            | —               | —          | 260,239,287          |
| <b>Total.....</b>   | —               | —          | <b>8,732,860,999</b> |

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

Footnote for page 106 (+) Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

## CANADA

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

#### Manufactures

- (1) General—General Report on the Manufacturing Industries of Canada with appendix giving Alphabetical List of Products; Geographical Distribution of the Manufacturing Industries of Canada; also Reports for the Provinces and Leading Cities; Quantity of Manufacturing Production in Canada, 1923-29. Weekly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada.
- (2) Manufactures of Vegetable Products—Biennial General Report on Manufactures of Vegetable Products. Annual Bulletins as follows: (a) Coffee, Tea, Spices and Miscellaneous Foods; (b) Fruit and Vegetable Preparations, including Canning, Evaporating and Preserving, and Pickles, Sauces, Vinegar and Cider; (c) Flour and Feed Mill Products; (d) Bread and other Bakery Products; (e) Biscuits and Confectionery, including Cocoa and Chocolate; (f) Macaroni, Vermicelli, etc.; (g) Distilled Liquors; (h) Breweries; (i) Wine; (j) Rubber Goods, including Rubber Boots and Shoes; (k) Prepared Breakfast Foods; (l) Sugar Refineries; (m) Tobacco Products; (n) Vegetable Oil Mills; (o) Canned Foods; (p) Ice Cream; (q) Pack of Fruits and Vegetables, preliminary; (r) Aerated Waters; (s) Stock and Poultry Feeds; (t) Stocks of Unmanufactured Tobacco on hand, quarterly report; (a) Stocks of Canned Fruits and Vegetables, quarterly report.
- (3) Animal Products and their Manufactures—Annual Reports and Bulletins as follows: (a) The Dairy Factory Industry; (b) Processed Cheese; (c) Fish Processing (contained in annual Fisheries Statistics); (d) Slaughtering and Meat Packing and Sausage and Sausage Casings; (e) Leather Tanneries; (f) Leather Belting, Leather Boot and Shoe Findings and Miscellaneous Leather Goods; (g) Leather Boots and Shoes; (h) Leather Gloves and Mittens; (i) Fur Goods, Fur Dressing. Monthly Bulletin on Leather Footwear Production.
- (4) Textiles and Allied Industries—Biennial General Report on the Textile Industries of Canada. Annual Bulletins as follows: (a) Cotton Textiles (cloth, yarn, thread and waste); (b) Woollen Textiles (cloth, yarn, waste, carpets and woollen goods, n.e.s.); (c) Silk and Artificial Silk; (d) Men's Factory Clothing incl. Men's Furnishings; (e) Women's Factory Clothing; (f) Hats and Caps; (g) Hosiery and Knitted Goods; (h) Oiled and Waterproofed Clothing; (i) Cordage, Rope and Twine; (j) Corsets; (k) Cotton and Jute Bags; (l) Dyeing and Finishing of Textiles; (m) Awnings, Tents and Sails.
- (5) Manufactures of Forestry Products—Printed Bilingual Reports: (a) The Lumber Industry (biennial); (b) The Pulp and Paper Industry (biennial); (c) Wood-Using Industries (biennial); (d) Paper-Using Industries (biennial). Stencilled annual preliminary reports: (a) Lumber; (b) Pulp and Paper; (c) Wood-Using Industries; (d) Planing Mills and Sash and Door Factories; (e) Hardwood Flooring; (f) Furniture; (g) Printing Trades (Comprising the following industries: Printing and Publishing; Printing and Bookbinding; Lithographing; Engraving, Stereotyping and Electrotyping; Trade Composition and Blue Printing); (h) Paper Boxes and Bags. Stencilled biennial report: Lumber Distribution in Canada and the United States. Stencilled annual bulletins: (a) Boxes and Baskets; (b) Carriages, Sleighs and Vehicle Supplies; (c) Cooperage; (d) Coffins and Caskets; (e) Boatbuilding; (f) Lasts, Trees and Wooden Shoe findings; (g) Wood-turning; (h) Woodenware; (i) Excelsior; (j) Beekeepers' and Poultrymen's Supplies; (k) Wooden Refrigerators; (l) Miscellaneous Wood-Using Industries; (m) Roofing Paper; (n) Miscellaneous Paper Goods. Mimeographed Monthly Bulletins: (a) Asphalt Roofing Production; (b) Asphalt Roofing Sales.

- (6) Iron and Steel and their Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on the Iron and Steel Industry. (a) Primary Iron and Steel; (b) Iron Castings; (c) Heating and Cooking Apparatus (except boilers and radiators); (d) Boilers, Tanks and Plate work; (e) Farm Implements and Machinery; (f) Machinery; (g) Automobiles; (h) Automobile Parts; (i) Bicycles; (j) Railway Rolling Stock; (k) Wire and Wire Goods; (l) Sheet Metal Products; (m) Hardware, Tools and Cutlery; (n) Bridge Building and Structural Steel Work; (o) Shipbuilding and Ship Repairs; (p) Aircraft; (q) Miscellaneous Iron and Steel Products. Commodity Bulletins on The Production of Pig Iron; Steel; Washing Machines; Cream Separators; Warm Air Furnaces; Galvanized Sheets; Wire Nails; Steel Wire; Wire Fencing; Stoves, etc. Monthly Bulletins: (a) Pig Iron, Steel Ingots and Castings; (b) Steel Ingots; (c) Automobile Statistics\*.
- (7) Manufactures of Non-Ferrous Metals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Ferrous Metals. (a) Aluminium Products; (b) Brass and Copper Products; (c) White Metal Alloys; (d) Jewellery and Silverware; (e) Electrical Apparatus and Supplies; (f) Non-Ferrous Metal Smelting and Refining; (g) Miscellaneous Non-Ferrous Metal Goods. Quarterly Reports on Production and Sales of Radio Sets\*, and Sales of Storage Batteries. Commodity Bulletins on the Production of Batteries; Silverware; Vacuum Cleaners; Electric Motors and Generators; Electric Transformers; Incandescent Lamps, etc.
- (8) Manufactures of the Non-Metallic Minerals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Metallic Minerals. (a) Asbestos Products; (b) Cement and Cement Products; (c) Coke and Gas; (d) Glass Products; (e) Lime; (f) Petroleum Products; (g) Clay Products; (h) Salt; (i) Sand-lime Brick; (j) Stone; (k) Artificial Abrasives; (l) Gypsum and Gypsum Products; (m) Miscellaneous Non-Metallic Mineral Products, including Carbon Electrodes—Mica Products—Non-Metallic Minerals, n.e.s. Also special report on the consumption of Coke in Canada. Monthly bulletins on (a) Coke Statistics; (b) Sales of Manufactured and Natural Gas.
- (9) Chemicals and Allied Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Chemicals and Allied Products; (a) Coal Tar Distillation; (b) Acids, Alkalies and Salts; (c) Compressed Gases; (d) Fertilizers; (e) Medicinal and Pharmaceutical Preparations; (f) Paints, Pigments and Varnishes; (g) Soaps, Cleaning Preparations and Washing Compounds; (h) Toilet Preparations; (i) Inks; (j) Adhesives; (k) Polishes and Dressings; (l) Hard Wood Distillation; (m) Miscellaneous Chemical Products, including Buffer Compounds; Plastic Products; Insecticides; Sweeping Compounds, Disinfectants; Matches; Dyes and Colours; Explosives, ammunition and fireworks; Chemical Products, n.e.s. Special Reports on the Fertilizer Trade in Canada. Commodity Bulletins on Sulphuric Acid, Ammonium Sulphate, etc. Special Report—Directory of Chemical Industries in Canada. Special Report on the Consumption of Chemicals in Municipal Waterworks.
- (10) Miscellaneous Manufactures—General Report. Annual Bulletins as follows: (a) Brooms, Brushes and Mops; (b) Musical Instruments (including pianos, organs and phonographs and Musical Instrument Materials and Parts; (c) Buttons; (d) Bed Springs and Mattresses; (e) Sporting Goods.

\* Discontinued for duration.









STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADIENNE



1010692110