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The Manufacturing Industries  
of Canada  
— 1920-21 —

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# THE MANUFACTURING INDUSTRIES OF CANADA.

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## 1.—Evolution of Canadian Manufactures.

Manufacture is defined as the operation of making wares from raw materials, by the hands, by tools or by machinery, thus adding, in the phraseology of the economist, new utilities and therefore additional value, to the already existing utilities and values of the raw material. Manufacture, in primitive societies and in the pioneer stages of new communities, is normally carried on within the household for the needs of the household, as was the case among the early settlers of Canada in the seventeenth and eighteenth centuries, when domestic manufactures were carried on in combination with the cultivation of the soil, mainly at the times of the year when agricultural operations were suspended. At a later period in the evolution of society, small manufactures are carried on in specialized workshops for the needs of the immediate locality or neighbourhood, as was generally the case in Eastern Canada in the first half of the nineteenth century. Later still, as a consequence of the introduction of machinery operated by steam or electric power—the so-called "Industrial Revolution"—and of the cheapening of transportation, manufacture has to an ever-increasing extent been concentrated in factories, often employing hundreds and even thousands of persons and producing for a national or even for an international market. So far as Canada is concerned, this "industrial revolution" may be said to have commenced shortly before Confederation and to be still in progress. The growth of manufacturing production since 1870 is outlined in this article and the accompanying Table 1, while the increasing importance of manufacturing for the international market may be shown by the statement that Canadian exports of manufactured produce increased from less than \$3,000,000 per annum on the average of 1871-1875 to \$515,000,000 in the fiscal year ended March 31, 1923. The latter amount includes the partly manufactured exports, and being computed on a somewhat different basis is not exactly comparable with the data for the earlier period, but the increase broadly represents the industrial expansion of half a century.

The kind of manufactures to be established in a community will in the beginning be largely determined, more especially where transportation charges are high, by the type of raw materials available in that community. For example, probably the first agricultural process to be carried on by Europeans in what is now the Dominion of Canada, was the raising of a crop of grain at Port Royal, Nova Scotia, in 1605; the first manufacturing process was the grinding of the grain in the autumn of the year. Other earlier manufactures were also necessarily connected with the satisfaction of the primary needs of human beings for food, clothing and shelter, and with the other primary need for protection. At a census of occupations taken in 1681, we find a comparatively large number of tailors and shoemakers, masons and carpenters, gunsmiths and edge-tool makers enumerated.

Nearly two centuries later, the first census of manufactures taken after Confederation, for the year 1870, indicated that the majority of the industries were those

in which abundant raw material was at hand or those which supplied necessities for which transportation difficulties ensured a steady local market.

Until the later nineties the growth of Canadian manufacturing industry was not particularly rapid, though the great fall in the prices of commodities during the period from 1873 to 1897 was largely responsible for the comparatively slow growth of the values of manufactured commodities from \$221·6 million in 1870 to \$469·8 million in 1890. Afterwards there was a change; the prices of commodities commenced to rise, while the industries generally shared in the advantages of the great growing period from 1900 to 1912. The gross product of establishments with five hands or over increased from \$368·7 million in 1890 to \$1,166·0 million in 1910, and to \$1,381·5 million in 1915. The fundamental advantages of the position of Canada, her abundant raw material, her inexhaustible water power, her growing home market in the expanding West, had contributed to produce this result.

**The Influence of the War.**—The influence of the war upon the manufactures of Canada was profound and far-reaching, tending to promote the diversification of product and the production at home of many commodities which had previously been imported. On account of the practical suspension of the importation of manufactured goods of many kinds from Europe, enterprising Canadian manufacturers were given opportunities of entering upon new lines of manufacture with practical control of the market. There was added to this the reflex effect of the great prosperity of agriculture, produced by the unprecedented prices of war-time. The farmers of Canada bought as never before. The general result was that industry worked at high pressure, not only to produce the munitions and military supplies for the armies of the Allies, but also to make the manifold varieties of goods required for the stimulated civilian consumption. The world shortage of staple commodities coupled with a strong domestic demand, gave to Canadian industries in general a pronounced stimulus toward greater production, and in a great number of cases the capacity of manufacturing plants was increased; this increase created a demand for greater supplies of raw material. Incidentally, factory methods became more specialized and a high degree of administrative and mechanical efficiency was attained, while Canada, partly owing to the temporary decline of Europe, assumed a new position as one of the leading industrial countries of the world.

The great boom in Canadian manufacture described above reached its height in the summer of 1920, the statistics for that year showing greatest gross and net value of products. The statistics for the year 1921, published at the end of Table 1, show a great decline in values, which does not mean a corresponding decline in actual physical quantity of production, though here a certain decline undoubtedly took place. On the whole, 1922, the statistics for which are not yet available, was a rather better year for employment in manufactures than 1921, and 1923 has been a better year than 1922. It would, therefore, appear that the country is recovering from the great depression of 1921, and that the rather low statistics for that year are not more representative of normal conditions in Canadian manufacturing industries than are the extremely high figures of 1920. However, even in the autumn of 1923 it is the exception rather than the rule for manufacturers to be operating at capacity. Outstanding exceptions are the automobile and the pulp and paper industries, but their activity is chiefly due to the extent to which they are engaged in the export trade. Among the industries the output of which is largely governed by the condition of the home market, that which appears to be making the most encouraging recovery is the iron and steel industry.

In the present as in the past, Canadian manufacturing production has been chiefly dependent upon the use of Canadian raw material, though this is less true than formerly. Raw cotton, for example, is imported from the Southern States, hides from the Argentine, rubber from the Straits Settlements and Malay Peninsula, sugar from Cuba and the British West Indies, and wool from Australia and New Zealand, to supply the raw material for Canadian manufacturing industries.

## 2.—Statistics of Manufactures.

### 1.—Growth since 1871.

The growth of large-scale production in manufactures during the past fifty years is evident from the statistics of Table 1, though this tendency has been less marked in Canada than in more highly developed industrial communities, with larger populations able to absorb a larger amount of standardized commodities. Even so, in the electoral district of South Toronto, the most important manufacturing centre of Ontario, the census of 1911 showed that one-half of the industrial establishments employed 90 p.c. of the workers. In the period immediately preceding the Great War many consolidations of previously independent manufacturing plants were effected, involving large economies in the purchase of materials and in selling expenses.

The historical Table 1 shows fairly well the advance of the "Industrial Revolution" (which might better be called Evolution) in Canada. The average capital per manufacturing establishment, the average number of employees per establishment, and the average value of product per establishment, have been in trend continuously on the increase. If the consolidation of industry lessens the chances of an employee becoming a master, it must also be remembered that the amounts paid to employees in salaries and wages have also increased, so that the position of the average employee has been greatly ameliorated, though the lack of statistics on Canadian prices before 1890 prevents us from comparing the purchasing power of the average wages of the worker in 1870 and of the employee of 1920 and 1921.

**The Censuses of Manufactures.**—The comparability of the statistics of the various censuses is seriously affected by the different methods employed in taking the census. In the censuses of 1870, 1880 and 1890, all manufacturing establishments were included, the instructions to enumerators running as follows:—"An industrial establishment is a place where one or several persons are employed in manufacturing, altering, making up or changing from one shape into another, materials for sale, use or consumption, quite irrespectively of the amount of capital employed or of the products turned out. All repairs, mending or custom work are understood to be industrial products and are to be entered accordingly, by value, in the returns of industrial establishments."

In the statistics for 1900, 1905, and 1910, however, only establishments employing five hands and upwards were included. The 1901 instructions were that no manufacturing establishment or factory would be recognized for census purposes which did not employ at least five persons, either in the establishment itself or as pieceworkers employed out of it. This, however, did not apply to cheese and butter factories nor to certain mineral products. The 1911 instructions stated that every factory in operation during the whole or part of 1910, and employing five or more persons, was to make a full report. All flour mills, saw and shingle mills, lime kilns brick and tile works, butter and cheese factories, fish curing plants, electric light and power plants whatsoever were nevertheless to be included. The statistics for 1915

included only establishments having an output of \$2,500 or over, irrespective of the number of persons employed, except in the case of flour and grist mills, butter and cheese factories, fish preserving factories, saw-mills, brick and tile yards, lime kilns and electric light plants, where all plants were included.

Under the Statistics Act of 1918, the policy of including mines, fisheries, manufactures and other industrial production in the decennial census was abandoned and an annual "census of industry" substituted therefor. (See first annual report of the Dominion Statistician, pp. 30-36).

In the census of industry for 1917, the limit of output was withdrawn and all establishments reporting to the Bureau were included, the effect being an increase in the number of establishments included from 21,306 in 1915 to 34,392 in 1917—an increase due mainly to change of method, rather than to a change in the actual number of industrial establishments existing in the Dominion. Similar methods have been pursued in succeeding censuses, so that the results for the five years from 1917 to 1921 are strictly comparable, a fact which has been the guiding principle in framing the tables included in this report. As the establishments included for the first time in the 1917 census were those which carried on business only on a small scale, their inclusion affected only to a minor extent the statistics of those engaged in production and of the value of products.

**Censuses of Manufactures in Recent Years.**—The census of manufactures has since 1917 been taken by the Dominion Bureau of Statistics annually instead of quinquennially as theretofore. The last of the quinquennial censuses was taken in 1916 for the calendar year 1915, and the first annual censuses were taken in the years from 1918 to 1923 for the years 1917 to 1922.

In any comparison between the results of the 1915 quinquennial census and the subsequent annual censuses, the rapid rise in prices must be borne in mind, and in comparisons between these annual censuses themselves the same factor must be taken into account. Thus, the new Canadian index number of wholesale prices compiled by the Dominion Bureau of Statistics was 248.2 in 1920 as compared with 213.2 in 1919, 207.8 in 1918, 174.6 in 1917, and 115.6 in 1915. In 1921, however, there was a great decline to 177.3 on the average of the year—a decline of approximately 28.6 p.c. from the preceding year. Under such circumstances it was inevitable that up to 1920 phenomenal advances in the money value of manufactured products should have been recorded, and that wages and salaries paid should also have greatly advanced since 1915. It was equally inevitable that in all these respects 1921 should show a great decline, due in much larger measure to the fall in values than to the decrease in physical production.

**Historical Statistics.**—In Table 1 are presented statistics showing by provinces the development of Canadian manufacturing industries during the half-century from 1870 to 1921. Particularly notable is the increase in the manufacture of British Columbia from \$2.9 million in 1880 to \$163.2 million in 1921, and of Manitoba from \$3.4 million in 1880 to \$123.5 million in 1921. Saskatchewan also shows an increase from \$2.4 million in 1905 to \$50.3 million in 1921, and Alberta from \$5.0 million in 1905 to \$66.7 million in 1921. Thus the West is rapidly becoming an important contributor to Canadian manufacturing production.

**1.—Historical Summary of Statistics of Manufactures, by Provinces, 1870 to 1921.**  
*(All establishments irrespective of the number of employees.)*

| Provinces.                       | Establishments. | Capital.             | Employees.     | Salaries and wages.                        | Cost of materials. | Net value of products. | Gross value of products. |
|----------------------------------|-----------------|----------------------|----------------|--|--------------------|------------------------|--------------------------|
| 1870.                            | No.             | \$                   | No.            | \$   | \$                 | \$                     | \$                       |
| <b>Canada</b> .....              | <b>41,259</b>   | <b>77,964,020</b>    | <b>187,942</b> | <b>40,851,009</b>                          | <b>124,907,846</b> | <b>96,709,927</b>      | <b>221,617,773</b>       |
| Nova Scotia.....                 | 4,912           | 6,041,966            | 15,595         | 3,176,266                                  | 5,806,257          | 6,531,848              | 12,338,105               |
| New Brunswick.....               | 3,479           | 5,976,176            | 18,352         | 3,869,360                                  | 9,431,760          | 7,935,927              | 17,367,687               |
| Quebec.....                      | 13,818          | 28,071,868           | 66,714         | 12,389,673                                 | 44,555,025         | 32,650,157             | 77,205,182               |
| Ontario.....                     | 19,050          | 37,874,010           | 87,281         | 21,415,710                                 | 65,114,804         | 49,591,995             | 114,706,799              |
| 1880.                            |                 |                      |                |  |                    |                        |                          |
| <b>Canada</b> .....              | <b>49,722</b>   | <b>165,302,623</b>   | <b>254,935</b> | <b>59,429,002</b>                          | <b>179,918,593</b> | <b>129,757,475</b>     | <b>309,676,068</b>       |
| P.E. Island.....                 | 1,617           | 2,085,776            | 5,767          | 807,208                                    | 1,829,210          | 1,570,998              | 3,400,208                |
| Nova Scotia.....                 | 5,493           | 10,183,060           | 20,390         | 4,098,445                                  | 10,022,030         | 8,553,296              | 18,575,326               |
| New Brunswick.....               | 3,005           | 8,425,282            | 19,922         | 3,866,011                                  | 11,060,842         | 7,451,816              | 18,512,658               |
| Quebec.....                      | 15,754          | 59,216,992           | 85,673         | 18,333,162                                 | 62,563,967         | 42,098,291             | 104,662,258              |
| Ontario.....                     | 23,070          | 80,950,847           | 118,308        | 30,604,031                                 | 91,164,156         | 66,825,714             | 157,989,870              |
| Manitoba.....                    | 344             | 1,383,331            | 1,921          | 755,507                                    | 1,924,821          | 1,488,205              | 3,413,026                |
| British Columbia.....            | 415             | 2,952,835            | 2,871          | 929,213                                    | 1,273,816          | 1,652,968              | 2,926,784                |
| The Territories.....             | 24              | 104,500              | 83             | 35,425                                     | 79,751             | 116,187                | 195,938                  |
| 1890.                            |                 |                      |                |  |                    |                        |                          |
| <b>Canada</b> .....              | <b>75,964</b>   | <b>353,213,000</b>   | <b>369,595</b> | <b>100,415,350</b>                         | <b>259,759,292</b> | <b>219,088,594</b>     | <b>469,847,886</b>       |
| P.E. Island.....                 | 2,679           | 2,911,963            | 7,910          | 1,101,620                                  | 2,092,067          | 2,253,843              | 4,345,910                |
| Nova Scotia.....                 | 10,495          | 19,730,736           | 34,944         | 7,233,111                                  | 16,062,479         | 14,905,913             | 30,968,392               |
| New Brunswick.....               | 5,429           | 15,821,855           | 26,675         | 5,970,914                                  | 12,501,453         | 11,348,202             | 23,849,655               |
| Quebec.....                      | 23,034          | 116,974,615          | 116,753        | 30,461,315                                 | 80,712,496         | 66,747,087             | 147,459,583              |
| Ontario.....                     | 32,151          | 175,972,021          | 166,322        | 49,730,359                                 | 127,737,371        | 111,504,555            | 239,241,926              |
| Manitoba.....                    | 1,031           | 5,684,237            | 4,403          | 1,905,981                                  | 5,688,151          | 4,467,031              | 10,155,182               |
| British Columbia.....            | 770             | 14,404,394           | 11,507         | 3,586,897                                  | 5,119,258          | 6,880,670              | 11,099,928               |
| The Territories.....             | 375             | 1,713,179            | 1,081          | 425,153                                    | 846,017            | 981,293                | 1,827,310                |
| 1890.                            |                 |                      |                |  |                    |                        |                          |
|                                  |                 |                      |                | (Establishments with five hands and over.) |                    |                        |                          |
| <b>Canada</b> <sup>1</sup> ..... | <b>14,065</b>   | -                    | <b>272,033</b> | <b>79,234,311</b>                          | -                  | -                      | <b>368,696,723</b>       |
| 1900.                            |                 |                      |                |  |                    |                        |                          |
| <b>Canada</b> .....              | <b>14,650</b>   | <b>446,916,487</b>   | <b>339,173</b> | <b>113,249,350</b>                         | <b>266,527,858</b> | <b>214,525,517</b>     | <b>481,053,375</b>       |
| P.E. Island.....                 | 334             | 2,081,766            | 3,804          | 445,998                                    | 1,319,058          | 1,007,650              | 2,326,708                |
| Nova Scotia.....                 | 1,188           | 34,586,416           | 23,284         | 5,613,571                                  | 13,161,077         | 10,431,436             | 23,592,513               |
| New Brunswick.....               | 919             | 20,741,170           | 22,158         | 5,748,990                                  | 10,814,014         | 10,158,456             | 20,972,470               |
| Quebec.....                      | 4,845           | 142,403,407          | 110,329        | 36,550,655                                 | 86,679,779         | 71,608,215             | 158,287,994              |
| Ontario.....                     | 6,543           | 214,972,275          | 161,757        | 56,548,286                                 | 138,230,400        | 103,303,086            | 241,533,486              |
| Manitoba.....                    | 324             | 7,539,691            | 5,219          | 2,419,549                                  | 7,955,504          | 4,971,935              | 12,927,439               |
| Alberta and Saskatchewan.....    | 105             | 1,689,870            | 1,168          | 465,763                                    | 1,121,342          | 843,645                | 1,964,987                |
| British Columbia.....            | 392             | 22,901,892           | 11,454         | 5,456,538                                  | 7,246,684          | 12,201,094             | 19,447,778               |
| 1905.                            |                 |                      |                |  |                    |                        |                          |
| <b>Canada</b> .....              | <b>12,547</b>   | <b>833,916,155</b>   | <b>383,920</b> | <b>162,155,578</b>                         | -                  | -                      | <b>706,446,578</b>       |
| P.E. Island.....                 | 223             | 1,553,916            | 2,770          | 409,915                                    | -                  | -                      | 1,696,459                |
| Nova Scotia.....                 | 720             | 74,599,538           | 23,754         | 9,139,371                                  | -                  | -                      | 31,987,449               |
| New Brunswick.....               | 531             | 26,461,664           | 19,170         | 6,497,161                                  | -                  | -                      | 21,833,564               |
| Quebec.....                      | 4,115           | 251,730,182          | 116,748        | 46,514,619                                 | -                  | -                      | 216,478,496              |
| Ontario.....                     | 6,163           | 390,875,465          | 184,526        | 80,729,889                                 | -                  | -                      | 361,372,741              |
| Manitoba.....                    | 280             | 27,070,665           | 10,113         | 5,800,707                                  | -                  | -                      | 27,857,396               |
| Saskatchewan.....                | 55              | 3,820,975            | 1,376          | 681,381                                    | -                  | -                      | 2,443,801                |
| Alberta.....                     | 97              | 5,400,371            | 1,983          | 1,129,272                                  | -                  | -                      | 4,979,932                |
| British Columbia.....            | 363             | 52,403,379           | 23,480         | 11,253,263                                 | -                  | -                      | 37,796,740               |
| 1910.                            |                 |                      |                |  |                    |                        |                          |
| <b>Canada</b> .....              | <b>19,218</b>   | <b>1,247,583,609</b> | <b>515,203</b> | <b>241,008,416</b>                         | <b>601,599,018</b> | <b>564,466,621</b>     | <b>1,165,975,639</b>     |
| P.E. Island.....                 | 442             | 2,013,365            | 3,762          | 531,017                                    | 1,816,804          | 1,319,666              | 3,136,470                |
| Nova Scotia.....                 | 1,480           | 79,596,341           | 28,795         | 10,628,955                                 | 26,058,315         | 26,647,869             | 52,706,184               |
| New Brunswick.....               | 1,158           | 36,125,012           | 24,755         | 8,314,212                                  | 18,516,096         | 16,906,206             | 35,422,302               |
| Quebec.....                      | 6,584           | 326,946,925          | 158,207        | 69,432,967                                 | 184,374,053        | 166,527,603            | 350,901,656              |
| Ontario.....                     | 8,001           | 595,394,608          | 238,817        | 117,645,784                                | 297,580,125        | 282,230,100            | 579,810,225              |
| Manitoba.....                    | 439             | 47,941,540           | 17,325         | 10,912,866                                 | 30,499,829         | 23,173,780             | 53,673,609               |
| Saskatchewan.....                | 173             | 7,019,951            | 3,250          | 1,936,284                                  | 2,747,266          | 3,584,866              | 6,332,132                |
| Alberta.....                     | 290             | 29,518,346           | 6,980          | 4,365,661                                  | 9,998,777          | 8,790,048              | 18,788,825               |
| British Columbia.....            | 651             | 123,027,521          | 33,312         | 17,240,670                                 | 29,917,753         | 35,286,483             | 65,204,236               |
| 1915.                            |                 |                      |                |  |                    |                        |                          |
| <b>Canada</b> .....              | <b>15,593</b>   | <b>1,958,705,230</b> | -              | <b>283,311,505</b>                         | <b>791,943,433</b> | <b>589,603,792</b>     | <b>1,381,547,225</b>     |
| P.E. Island.....                 | 261             | 1,841,690            | -              | 543,954                                    | 1,499,066          | 1,087,757              | 2,586,823                |
| Nova Scotia.....                 | 781             | 125,754,562          | -              | 17,175,818                                 | 36,194,004         | 33,151,815             | 69,345,819               |
| New Brunswick.....               | 630             | 45,970,488           | -              | 8,767,230                                  | 21,314,643         | 15,989,257             | 37,303,900               |
| Quebec.....                      | 5,743           | 530,312,464          | -              | 80,324,171                                 | 213,754,115        | 167,449,884            | 381,203,999              |
| Ontario.....                     | 6,538           | 946,619,114          | -              | 140,609,691                                | 410,670,537        | 304,861,302            | 715,531,839              |
| Manitoba.....                    | 499             | 94,690,750           | -              | 13,389,569                                 | 38,529,386         | 21,952,060             | 60,481,446               |
| Saskatchewan.....                | 238             | 14,736,860           | -              | 2,440,062                                  | 7,417,166          | 5,938,040              | 13,355,206               |
| Alberta.....                     | 282             | 41,198,897           | -              | 4,791,281                                  | 20,699,967         | 8,716,254              | 29,416,221               |
| British Columbia.....            | 621             | 157,580,405          | -              | 15,269,729                                 | 41,864,549         | 30,457,423             | 72,321,972               |

<sup>1</sup>These statistics are not available by Provinces.

Note.—For 1915 the number of employees in establishments employing 5 hands and over has not been compiled.

**1.—Historical Summary of Statistics of Manufactures, by Provinces, 1870 to 1921**  
—concluded.

(All establishments irrespective of the number of employees.)

| Provinces.       | Establishments. | Capital.             | Employees.     | Salaries and wages. | Cost of materials.   | Net value of products. | Gross value of products. |
|------------------|-----------------|----------------------|----------------|---------------------|----------------------|------------------------|--------------------------|
|                  |                 |                      |                |                     |                      |                        | \$                       |
| 1916.            |                 |                      |                |                     |                      |                        |                          |
| <b>Canada</b>    | <b>21,306</b>   | <b>1,994,103,272</b> | <b>497,170</b> | <b>285,889,291</b>  | <b>802,135,862</b>   | <b>605,001,278</b>     | <b>1,407,137,140</b>     |
| P.E. Island      | 291             | 1,906,564            | 2,334          | 554,467             | 1,520,327            | 1,126,142              | 2,646,469                |
| Nova Scotia      | 968             | 126,539,183          | 33,581         | 16,316,712          | 37,738,161           | 33,122,595             | 70,860,756               |
| New Brunswick    | 714             | 46,290,014           | 17,423         | 8,765,433           | 21,495,324           | 16,336,710             | 37,832,034               |
| Quebec           | 7,158           | 548,972,575          | 148,329        | 80,217,258          | 216,497,844          | 171,402,741            | 387,900,585              |
| Ontario          | 9,287           | 956,883,423          | 243,905        | 144,072,317         | 415,285,954          | 312,637,320            | 727,923,274              |
| Manitoba         | 840             | 95,845,845           | 19,668         | 13,614,857          | 38,513,514           | 23,080,670             | 61,594,184               |
| Saskatchewan     | 457             | 16,788,992           | 3,621          | 2,705,754           | 7,678,416            | 6,484,158              | 14,162,574               |
| Alberta          | 584             | 42,239,693           | 7,255          | 5,074,742           | 21,121,439           | 9,471,394              | 30,592,833               |
| British Columbia | 1,007           | 158,636,983          | 21,054         | 14,567,751          | 42,284,883           | 31,339,548             | 73,624,431               |
| 1917.            |                 |                      |                |                     |                      |                        |                          |
| <b>Canada</b>    | <b>34,392</b>   | <b>2,786,649,727</b> | <b>674,910</b> | <b>550,192,069</b>  | <b>1,605,730,640</b> | <b>1,409,847,300</b>   | <b>3,015,577,940</b>     |
| P.E. Island      | 534             | 2,652,374            | 1,923          | 837,230             | 3,402,485            | 2,115,425              | 5,517,910                |
| Nova Scotia      | 2,147           | 136,521,655          | 31,398         | 23,553,090          | 109,736,731          | 66,632,294             | 176,369,025              |
| New Brunswick    | 1,423           | 65,539,370           | 21,363         | 13,822,446          | 33,333,090           | 29,084,376             | 62,417,466               |
| Quebec           | 10,042          | 823,317,251          | 211,018        | 158,134,925         | 403,422,445          | 427,191,584            | 830,614,029              |
| Ontario          | 14,381          | 1,335,968,699        | 326,635        | 278,462,708         | 822,842,054          | 710,896,601            | 1,533,738,655            |
| Manitoba         | 1,329           | 101,145,033          | 22,670         | 19,599,051          | 73,131,719           | 49,673,162             | 122,804,881              |
| Saskatchewan     | 1,436           | 33,114,630           | 8,210          | 7,007,073           | 23,449,495           | 17,208,251             | 40,657,746               |
| Alberta          | 1,317           | 63,215,444           | 11,524         | 10,387,379          | 43,896,941           | 27,772,482             | 71,669,423               |
| British Columbia | 1,772           | 221,436,100          | 40,098         | 38,269,366          | 92,489,277           | 78,936,339             | 171,425,616              |
| Yukon            | 11              | 3,739,171            | 71             | 118,801             | 26,403               | 336,786                | 363,189                  |
| 1918.            |                 |                      |                |                     |                      |                        |                          |
| <b>Canada</b>    | <b>35,797</b>   | <b>3,034,301,915</b> | <b>678,337</b> | <b>629,790,644</b>  | <b>1,900,252,314</b> | <b>1,557,784,661</b>   | <b>3,458,036,975</b>     |
| P.E. Island      | 484             | 2,886,662            | 1,467          | 777,067             | 3,547,800            | 2,146,078              | 5,693,878                |
| Nova Scotia      | 2,125           | 133,262,649          | 29,569         | 25,563,978          | 93,540,657           | 66,869,233             | 160,409,890              |
| New Brunswick    | 1,364           | 74,470,879           | 19,888         | 14,247,388          | 34,513,640           | 33,819,429             | 68,333,069               |
| Quebec           | 10,540          | 860,468,768          | 207,494        | 175,800,005         | 472,444,599          | 448,176,572            | 920,621,171              |
| Ontario          | 15,365          | 1,508,011,435        | 333,972        | 320,740,214         | 1,008,824,704        | 800,242,297            | 1,809,067,001            |
| Manitoba         | 1,444           | 105,983,159          | 23,887         | 23,389,683          | 92,600,183           | 52,431,327             | 145,031,510              |
| Saskatchewan     | 1,422           | 39,476,260           | 8,066          | 8,496,172           | 30,614,183           | 19,395,452             | 50,009,635               |
| Alberta          | 1,252           | 61,405,933           | 9,894          | 10,249,465          | 54,740,907           | 27,693,515             | 82,434,422               |
| British Columbia | 1,786           | 244,697,241          | 44,039         | 50,422,163          | 109,403,517          | 106,772,000            | 216,175,517              |
| Yukon            | 15              | 3,638,929            | 61             | 104,509             | 22,124               | 238,758                | 260,882                  |
| 1919.            |                 |                      |                |                     |                      |                        |                          |
| <b>Canada</b>    | <b>38,344</b>   | <b>3,239,686,368</b> | <b>682,434</b> | <b>689,435,709</b>  | <b>1,875,615,877</b> | <b>1,645,115,712</b>   | <b>3,520,731,589</b>     |
| P.E. Island      | 539             | 2,867,035            | 1,605          | 973,306             | 4,269,843            | 2,599,741              | 6,869,584                |
| Nova Scotia      | 2,249           | 131,914,231          | 28,105         | 24,557,105          | 74,928,099           | 65,196,996             | 140,125,095              |
| New Brunswick    | 1,439           | 89,958,882           | 24,248         | 19,244,350          | 53,471,290           | 46,534,315             | 100,005,605              |
| Quebec           | 11,061          | 936,712,125          | 205,561        | 189,732,521         | 517,596,980          | 470,987,843            | 988,574,823              |
| Ontario          | 16,438          | 1,583,161,271        | 323,372        | 336,579,559         | 943,622,018          | 793,921,978            | 1,737,543,996            |
| Manitoba         | 1,622           | 111,535,665          | 27,354         | 30,695,829          | 90,539,234           | 62,480,875             | 153,020,109              |
| Saskatchewan     | 1,534           | 35,869,588           | 9,479          | 11,437,427          | 35,437,613           | 24,314,873             | 59,752,486               |
| Alberta          | 1,379           | 66,673,667           | 12,997         | 15,186,068          | 55,796,219           | 39,059,540             | 94,855,759               |
| British Columbia | 2,064           | 268,419,281          | 49,671         | 60,964,272          | 99,944,539           | 139,850,449            | 239,794,988              |
| Yukon            | 19              | 3,574,623            | 42             | 65,272              | 20,042               | 169,102                | 189,144                  |
| 1920.            |                 |                      |                |                     |                      |                        |                          |
| <b>Canada</b>    | <b>43,200</b>   | <b>3,443,276,053</b> | <b>685,349</b> | <b>816,055,139</b>  | <b>2,190,891,214</b> | <b>1,833,848,249</b>   | <b>4,024,739,463</b>     |
| P.E. Island      | 538             | 3,190,812            | 1,643          | 1,133,241           | 4,412,512            | 2,615,179              | 7,027,691                |
| Nova Scotia      | 2,477           | 148,270,147          | 28,399         | 31,083,770          | 90,245,269           | 72,963,570             | 163,208,839              |
| New Brunswick    | 1,588           | 109,465,537          | 21,130         | 21,294,425          | 62,702,705           | 51,052,424             | 113,755,129              |
| Quebec           | 11,645          | 1,031,322,966        | 205,431        | 224,237,747         | 575,990,383          | 545,237,606            | 1,121,227,989            |
| Ontario          | 17,886          | 1,705,496,450        | 333,992        | 408,203,562         | 1,122,940,608        | 890,245,847            | 2,013,186,455            |
| Manitoba         | 1,908           | 118,620,805          | 28,764         | 39,069,278          | 99,756,492           | 76,024,415             | 175,780,907              |
| Saskatchewan     | 2,350           | 40,224,939           | 10,476         | 14,420,242          | 40,071,236           | 32,633,767             | 72,705,003               |
| Alberta          | 2,043           | 60,619,340           | 14,424         | 18,991,514          | 60,654,356           | 37,954,200             | 98,608,556               |
| British Columbia | 2,750           | 224,597,477          | 41,030         | 57,516,415          | 134,044,855          | 124,913,470            | 258,958,325              |
| Yukon            | 15              | 1,467,580            | 60             | 104,945             | 72,798               | 207,771                | 280,569                  |
| 1921.            |                 |                      |                |                     |                      |                        |                          |
| <b>Canada</b>    | <b>41,323</b>   | <b>3,210,709,288</b> | <b>517,141</b> | <b>581,402,385</b>  | <b>1,446,304,122</b> | <b>1,301,622,553</b>   | <b>2,747,926,675</b>     |
| P.E. Island      | 446             | 2,452,826            | 1,098          | 651,620             | 2,658,448            | 1,575,684              | 4,234,132                |
| Nova Scotia      | 2,196           | 107,490,242          | 17,206         | 16,663,920          | 43,919,126           | 40,296,696             | 84,215,822               |
| New Brunswick    | 1,326           | 103,367,891          | 13,741         | 11,815,664          | 33,335,429           | 26,179,312             | 59,514,741               |
| Quebec           | 10,762          | 973,722,564          | 159,698        | 164,450,443         | 406,553,322          | 378,200,483            | 784,753,805              |
| Ontario          | 18,093          | 1,620,681,181        | 258,345        | 303,938,086         | 744,433,905          | 686,842,526            | 1,411,276,431            |
| Manitoba         | 1,965           | 100,441,542          | 20,732         | 26,992,333          | 68,216,070           | 55,254,323             | 123,470,393              |
| Saskatchewan     | 2,027           | 34,794,506           | 7,235          | 8,842,286           | 29,538,969           | 20,723,666             | 50,262,635               |
| Alberta          | 2,024           | 55,538,526           | 10,324         | 12,160,529          | 36,978,788           | 29,724,150             | 66,702,938               |
| British Columbia | 2,470           | 210,798,811          | 28,700         | 35,775,528          | 80,607,323           | 82,604,700             | 163,212,023              |
| Yukon            | 14              | 1,421,199            | 62             | 111,976             | 62,742               | 221,013                | 283,755                  |

## 2.—Recent Manufacturing Production.

[For the scheme of reports issued annually on the manufacturing industries by the Dominion Bureau of Statistics, the reader is referred to pages 961–969 of the 1922–23 Canada Year Book, dealing with the organization of the Bureau and its publications.]

Since and including 1917, the census of manufactures has been taken on a comparable basis. According to the census of 1921 there were in Canada 41,323 manufacturing establishments, distributed throughout the nine provinces and Yukon Territory. The total number of employees was 517,141, the amount of capital invested \$3,210,709,288 and the output was valued at \$2,747,926,675. As compared with 1917 there was a decrease of 23.4 p.c. in the number of employees, an increase of over 15 p.c. in the amount of capital invested and a decrease of over 8.8 p.c. in the value of products.

**Value of Products.**—The gross value of manufactured products for 1921 was reported as \$2,747,926,675; the cost of materials was \$1,446,304,122, leaving \$1,301,622,553 as the value added by manufacture. As the finished products of one branch of manufacture are constantly used as materials in other branches, in the ascending scale of modern industry, it follows that they are counted over and over again, swelling in this manner the total gross value of products. The total value of manufactured products, strictly defined, would include (1) the value of all raw materials obtained from the extractive and primary production industries which have entered into the manufactured output, and (2) the entire value added to these raw materials by manufacturing processes from the time they first entered any factory up to the close of the census year. This value would be very much greater than the \$1,302 million added by manufacture.

**Volume of Production.**—The unsatisfactory nature of the monetary unit as a standard of measurement suggests the desirability of an expedient to place the production data of recent years on a more uniform basis. The value of the dollar has fluctuated greatly during the last ten years, the inflation culminating in May, 1920. In Table 2 are presented basic data used in determining the relative volume of products manufactured in Canada during the several years specified. The index numbers representing the volume of products as shown in the last column of the table will serve as a better measure than mere values of the annual output of manufacturing establishments in Canada. The index number of value of products in 1921 was 195 and the index number representing wholesale prices was 153. If the former number is divided by the latter the resulting quotient is 127, or, otherwise expressed, the volume of products in 1921 exceeded that of 1915 by 27 p.c.

### 2.—Volume of Products of Canadian Manufactures, 1915, 1917 to 1921.

| Years..   | Gross Value<br>of Products, | Index Numbers.              |   |   |
|-----------|-----------------------------|-----------------------------|---|---|
|           |                             | Gross Value<br>of Products. | Wholesale<br>Prices of<br>Commo-<br>dities. | Volume of<br>Manu-<br>factured<br>Products. |
| 1915..... | \$ 1,407,137,140            | 100                         | 100   | 100   |
| 1917..... | 3,015,577,940               | 214                         | 151   | 142   |
| 1918..... | 3,458,036,975               | 246                         | 180   | 137   |
| 1919..... | 3,520,731,589               | 250                         | 212   | 118   |
| 1920..... | 4,024,739,463               | 286                         | 215   | 133   |
| 1921..... | 2,747,926,675               | 195                         | 153   | 127   |

**Statistics for recent years.**—In Table 3 are given summary statistics of the manufactures of Canada for the three years 1919 to 1921 inclusive. Similar statistics for 1917 and 1918 were given in Table 110 on page 363 of the 1921 edition of the Year Book.

### 3.—Summary Statistics of Manufactures of Canada, 1919, 1920 and 1921.

(All establishments irrespective of the number of employees.)

| Items.   | 1919.         | 1920.         | Increase<br>p.c.<br>1919-20. | 1921.         | Decrease<br>p.c.<br>1920-21. |
|--|---------------|---------------|------------------------------|---------------|------------------------------|
| Establishments..... No.                          | 38,344        | 43,200        | 12.66                        | 41,323        | 4.34                         |
| Capital..... \$                                  | 3,230,686,368 | 3,443,276,053 | 6.58                         | 3,210,709,288 | 6.75                         |
| Average capital per establishment..... \$        | 84,255        | 79,705        | -5.40                        | 77,698        | 2.52                         |
| Employees on salaries..... No.                   | 88,316        | 89,297        | 1.82                         | 76,777        | 14.62                        |
| Salaries..... \$                                 | 130,855,002   | 158,353,778   | 21.01                        | 140,110,891   | 11.52                        |
| Average salary..... \$                           | 1,482         | 1,761         | 18.82                        | 1,825         | + 3.63                       |
| Employees on wages..... No.                      | 594,118       | 596,052       | 0.33                         | 440,364       | 27.79                        |
| Wages..... \$                                    | 558,580,707   | 657,701,361   | 17.75                        | 441,291,494   | 32.90                        |
| Average wage..... \$                             | 940           | 1,102         | 17.23                        | 1,002         | 9.07                         |
| Cost of materials..... \$                        | 1,875,615,877 | 2,190,891,214 | 16.81                        | 1,446,304,122 | 33.98                        |
| Value added in manufacture..... \$               | 1,645,115,712 | 1,833,848,249 | 11.47                        | 1,301,622,553 | 29.02                        |
| Value of products..... \$                        | 3,520,731,589 | 4,024,739,463 | 14.32                        | 2,747,926,675 | 31.47                        |
| Average value products per establishment..... \$ | 91,820        | 93,165        | 1.49                         | 66,499        | 28.62                        |
| Piece Workers <sup>1</sup> ..... No.             | 15,374        | 14,893        | -3.13                        | -             | -                            |
| Earnings of piece workers..... \$                | 3,401,663     | 3,943,810     | 15.94                        | -             | -                            |

NOTE.—Minus (—) denotes decrease. <sup>1</sup>Not included in general statistics of number of employees or earnings.

A classification based on the chief component material of the leading product of each 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 organization. In Table 6 are given statistics of production and employment for the years 1918 to 1920 under the old classification, while at the commencement of Table 7 similar statistics are given for 1920 and 1921, under the new classification of industries. The statistics of the forty largest manufacturing industries according to gross value of production, in 1920 and 1921 are presented in Tables 4 and 5.

### 4.—Principal Statistics of Forty Leading Industries, 1920.

| Industries.                                   | Estab-<br>lish-<br>ments. | Capital<br>Invested. | Cost of<br>Materials. | Value of<br>Products. |
|---|---------------------------|----------------------|-----------------------|-----------------------|
|   |                           |                      |                       |                       |
| Slaughtering and meat-packing.....            | 86                        | 84,288,306           | 170,916,888           | 240,544,618           |
| Flour and grist mill products.....            | 1,332                     | 68,838,927           | 205,746,546           | 239,255,461           |
| Pulp and paper.....                           | 100                       | 347,553,333          | 84,208,688            | 236,420,176           |
| Lumber, lath and shingle mills.....           | 3,481                     | 199,651,576          | 103,077,980           | 207,163,577           |
| Foundry and machine shop products.....        | 792                       | 149,323,908          | 53,976,167            | 140,428,057           |
| Sugar refineries.....                         | 8                         | 46,499,876           | 113,967,945           | 131,772,715           |
| Building and construction.....                | 1,548                     | 47,694,574           | 40,424,944            | 126,991,068           |
| Butter and cheese.....                        | 3,133                     | 25,386,106           | 106,211,588           | 125,816,656           |
| Rolling mills and steel furnaces.....         | 41                        | 90,632,751           | 46,371,695            | 101,616,104           |
| Automobiles.....                              | 17                        | 53,906,506           | 67,157,045            | 101,465,846           |
| Cottons.....                                  | 31                        | 76,413,703           | 53,402,723            | 92,490,002            |
| Rubber goods (including rubber footwear)..... | 35                        | 58,370,039           | 41,838,200            | 80,717,308            |
| Car repair shops.....                         | 157                       | -                    | 26,682,339            | 70,568,913            |
| Boots and shoes (leather).....                | 173                       | 34,347,026           | 40,807,366            | 66,817,174            |
| Electric light and power.....                 | 819                       | 448,273,642          | -                     | 65,705,060            |
| Clothing, men's, factory.....                 | 196                       | 37,920,004           | 34,589,605            | 62,066,487            |
| Bread and other bakery products.....          | 769                       | 23,612,654           | 38,239,135            | 61,800,633            |
| Petroleum.....                                | 9                         | 50,098,209           | 37,847,086            | 57,675,676            |
| Hosiery and knit goods.....                   | 128                       | 42,113,393           | 34,238,894            | 56,736,545            |
| Tobacco, cigars and cigarettes.....           | 98                        | 33,966,154           | 17,826,151            | 55,125,617            |
| Electrical apparatus.....                     | 96                        | 68,319,262           | 26,812,829            | 55,120,964            |
| Shipbuilding and repairs.....                 | 82                        | 62,882,931           | 20,952,217            | 54,825,696            |
| Biscuits and confectionery.....               | 400                       | 31,217,581           | 30,939,803            | 54,658,833            |
| Printing and publishing.....                  | 1,007                     | 40,446,675           | 15,597,082            | 53,841,603            |

## 4.—Principal Statistics of Forty Leading Industries, 1920—concluded.

| Industries.   | Establishments. | Capital Invested.    | Cost of Materials.   | Value of Products.   |
|---|-----------------|----------------------|----------------------|----------------------|
| Lumber products.....  | No. 810         | \$ 44,138,873        | \$ 29,624,883        | \$ 53,365,656        |
| Cars and car works.....   | 11              | 61,883,898           | 28,736,470           | 53,313,260           |
| Clothing, women's, factory.....                                       | 274             | 22,750,922           | 30,956,445           | 52,874,568           |
| Agricultural implements.....  | 80              | 101,107,516          | 20,474,379           | 44,073,847           |
| Leather, tanned, curried and finished.....                            | 100             | 29,739,987           | 30,370,591           | 41,440,602           |
| Printing and bookbinding.....   | 670             | 28,248,490           | 14,015,292           | 38,826,979           |
| Plumbing, heating and tinsmithing.....                                | 2,159           | 20,828,185           | 20,029,384           | 38,508,784           |
| Furniture and upholstered goods.....                                  | 320             | 31,181,219           | 13,206,583           | 33,606,637           |
| Fish, preserved.....  | 940             | 20,512,265           | 19,363,029           | 30,900,147           |
| Woollen goods.....  | 66              | 22,783,128           | 14,720,413           | 28,018,565           |
| Pig iron and ferro-alloys.....  | 9               | 29,128,967           | 20,290,760           | 26,946,433           |
| Paints and varnishes.....   | 48              | 20,320,851           | 15,918,557           | 26,939,476           |
| Hats and caps.....  | 230             | 16,594,962           | 12,915,687           | 22,688,674           |
| Boilers and engines.....  | 55              | 32,662,552           | 9,891,832            | 22,614,951           |
| Clothing, men's, custom.....  | 1,620           | 11,516,424           | 9,966,713            | 20,826,426           |
| Furnishing goods, men's.....  | 62              | 14,405,583           | 12,920,395           | 20,555,619           |
| <b>Totals for Forty Leading Industries.....</b>                       | <b>22,992</b>   | <b>2,629,560,970</b> | <b>1,715,234,329</b> | <b>3,095,125,413</b> |
| <b>Totals for All Industries.....</b>                                 | <b>43,200</b>   | <b>3,443,276,053</b> | <b>2,190,891,214</b> | <b>4,024,739,463</b> |
| <b>Percentage of Forty Industries to Total of All Industries.....</b> | <b>53.22</b>    | <b>76.37</b>         | <b>78.29</b>         | <b>76.90</b>         |

## 5.—Principal Statistics of Forty Leading Industries, 1921.

| Industries.   | Establishments. | Capital Invested.    | Cost of Materials.   | Value of Products.   |
|---|-----------------|----------------------|----------------------|----------------------|
| Flour and grist mill products.....                                    | No. 582         | \$ 59,234,847        | \$ 153,445,024       | \$ 179,632,246       |
| Slaughtering and meat-packing.....                                    | 84              | 58,459,555           | 113,389,835          | 153,136,289          |
| Pulp and paper.....   | 100             | 379,812,751          | 62,276,224           | 151,003,165          |
| Saw, lath and shingle mills.....                                      | 3,126           | 186,019,994          | 57,242,686           | 116,891,191          |
| Butter and cheese.....  | 3,087           | 27,535,634           | 77,797,821           | 97,653,426           |
| Housebuilding and construction.....                                   | 1,501           | 50,896,653           | 31,155,060           | 85,224,331           |
| Electric light and power.....   | 857             | 484,669,451          | —                    | 73,636,094           |
| Sugar, refined.....   | 7               | 35,783,067           | 56,882,242           | 69,509,827           |
| Automobiles and motor trucks.....                                     | 14              | 40,080,269           | 45,119,345           | 67,050,209           |
| Cotton yarn and cloth.....  | 31              | 65,947,429           | 35,157,233           | 65,978,596           |
| Rolling mills and steel furnaces.....                                 | 39              | 121,859,860          | 34,820,791           | 56,201,810           |
| Printing and publishing.....  | 836             | 38,788,973           | 15,412,712           | 53,613,061           |
| Tobacco, cigars and cigarettes.....                                   | 94              | 35,757,047           | 15,374,386           | 52,050,244           |
| Petroleum, refined.....   | 11              | 55,630,864           | 35,850,653           | 51,565,403           |
| Bread and other bakery products.....                                  | 1,658           | 23,551,215           | 29,202,936           | 51,367,917           |
| Biscuits and confectionery.....                                       | 372             | 30,655,589           | 22,600,821           | 46,758,014           |
| Boots and shoes (leather).....  | 177             | 31,644,855           | 23,379,183           | 44,665,381           |
| Electrical apparatus and supplies.....                                | 96              | 62,725,361           | 19,215,135           | 44,497,268           |
| Clothing, men's, factory.....   | 162             | 30,241,384           | 29,929,415           | 43,766,569           |
| Foundries and machine shop products.....                              | 325             | 62,152,439           | 17,221,919           | 42,205,275           |
| Steam railway cars.....   | 11              | 52,873,569           | 22,910,095           | 40,245,831           |
| Agricultural implements.....  | 75              | 94,129,064           | 17,946,282           | 36,763,160           |
| Hosiery and knit goods.....   | 127             | 37,906,361           | 18,960,491           | 36,689,534           |
| Clothing, women's, factory.....                                       | 176             | 13,694,846           | 18,617,634           | 35,256,026           |
| Woodworking, sash and door factories.....                             | 758             | 41,239,799           | 18,434,190           | 35,186,135           |
| Printing and bookbinding.....   | 625             | 28,275,937           | 10,853,841           | 33,414,432           |
| Breweries.....  | 55              | 37,645,447           | 9,714,486            | 30,931,853           |
| Plumbing and tinsmithing.....   | 2,137           | 12,219,038           | 13,777,756           | 28,260,326           |
| Sheet metal products.....   | 129             | 27,681,041           | 13,219,712           | 26,774,936           |
| Rubber goods.....   | 23              | 38,420,786           | 12,219,987           | 25,618,042           |
| Furniture and upholstering.....                                       | 345             | 28,878,955           | 8,528,820            | 23,975,369           |
| Leather tanneries.....  | 119             | 32,137,488           | 15,157,358           | 22,905,528           |
| Industrial machinery.....   | 112             | 40,000,370           | 6,011,038            | 21,608,218           |
| Shipbuilding and repairs.....   | 38              | 38,005,783           | 5,986,029            | 19,509,059           |
| Fish curing and packing.....  | 842             | 19,411,990           | 11,708,478           | 18,894,132           |
| Gas, lighting and heating.....  | 50              | 37,097,280           | 9,279,697            | 18,772,285           |
| Automobile repairs.....   | 2,716           | 7,773,825            | 7,515,942            | 18,505,912           |
| Paints and varnishes.....   | 49              | 20,330,951           | 9,714,521            | 18,044,325           |
| Furnishing goods, men's.....  | 82              | 11,800,238           | 10,229,398           | 17,946,293           |
| Heating and ventilating appliances.....                               | 54              | 24,159,408           | 4,777,045            | 16,119,383           |
| <b>Totals for Forty Leading Industries.....</b>                       | <b>21,682</b>   | <b>2,525,132,413</b> | <b>1,121,036,221</b> | <b>2,071,827,095</b> |
| <b>Totals for All Industries.....</b>                                 | <b>41,323</b>   | <b>3,210,709,288</b> | <b>1,446,304,122</b> | <b>2,747,926,675</b> |
| <b>Percentage of Forty Industries to Total of All Industries.....</b> | <b>52.49</b>    | <b>78.65</b>         | <b>77.51</b>         | <b>75.43</b>         |

## 6.—Summary Statistics of Manufactures, by Groups

| Groups of Industries.  | Establishments. |               |               | Capital.             |                      |                      |
|--|-----------------|---------------|---------------|----------------------|----------------------|----------------------|
|  | 1918.           | 1919.         | 1920.         | 1918.                | 1919.                | 1920.                |
|  | No.             | No.           | No.           | \$                   | \$                   | \$                   |
| 1. Food products.....  | 7,968           | 8,031         | 8,210         | 340,499,122          | 359,366,536          | 368,199,680          |
| 2. Textiles.....   | 4,191           | 4,366         | 4,668         | 237,724,097          | 265,819,050          | 322,969,862          |
| 3. Iron and steel products.....                              | 1,064           | 1,135         | 1,175         | 339,483,020          | 349,929,834          | 383,849,892          |
| 4. Timber and lumber and re-manufactures.....                | 4,594           | 4,966         | 5,159         | 334,104,182          | 395,808,490          | 411,355,727          |
| 5. Leather and its finished products.....                    | 1,672           | 2,057         | 2,941         | 76,652,767           | 88,272,360           | 86,190,939           |
| 6. Paper and printing.....                                   | 1,762           | 1,803         | 2,004         | 242,046,328          | 288,974,274          | 349,735,550          |
| 7. Liquors and beverages.....                                | 391             | 405           | 412           | 47,973,751           | 45,236,675           | 61,272,930           |
| 8. Chemicals and allied products.....                        | 337             | 312           | 435           | 134,377,823          | 138,133,759          | 179,054,280          |
| 9. Clay, glass and stone products.....                       | 793             | 558           | 339           | 73,528,361           | 86,081,326           | 21,268,208           |
| 10. Metals and metal products other than iron and steel..... | 2,392           | 2,942         | 3,705         | 132,757,003          | 145,351,322          | 94,623,279           |
| 11. Tobacco and its manufactures.....                        | 153             | 144           | 125           | 32,948,356           | 37,639,965           | 47,322,591           |
| 12. Vehicles for land and air transportation.....            | 893             | 897           | 973           | 179,799,539          | 122,883,658          | 149,749,703          |
| 13. Vehicles for water transportation.....                   | 204             | 177           | 189           | 57,444,939           | 72,114,691           | 64,250,556           |
| 14. Miscellaneous industries.....                            | 2,595           | 2,610         | 2,731         | 742,635,175          | 753,834,956          | 810,935,820          |
| 15. Hand trades.....   | 6,788           | 7,941         | 10,134        | 62,327,452           | 81,239,472           | 92,497,036           |
| <b>Totals.....</b>   | <b>35,797</b>   | <b>38,344</b> | <b>43,200</b> | <b>3,034,301,915</b> | <b>3,230,686,368</b> | <b>3,443,276,053</b> |

| Groups of Industries.  | Employees on Salaries. |               |               | Salaries paid.     |                    |                    |
|--|------------------------|---------------|---------------|--------------------|--------------------|--------------------|
|  | 1918.                  | 1919.         | 1920.         | 1918.              | 1919.              | 1920.              |
|  | No.                    | No.           | No.           | \$                 | \$                 | \$                 |
| 1. Food products.....  | 12,036                 | 13,864        | 14,279        | 14,420,250         | 17,681,234         | 20,968,728         |
| 2. Textiles.....   | 7,569                  | 10,537        | 9,685         | 11,711,389         | 14,946,343         | 19,464,122         |
| 3. Iron and steel products.....                              | 7,082                  | 8,051         | 8,500         | 11,566,806         | 13,518,253         | 16,363,180         |
| 4. Timber and lumber and re-manufactures.....                | 6,593                  | 8,608         | 6,694         | 9,835,274          | 12,734,049         | 12,565,720         |
| 5. Leather and its finished products.....                    | 2,313                  | 2,855         | 2,852         | 3,372,088          | 4,751,016          | 5,487,282          |
| 6. Paper and printing.....                                   | 7,797                  | 9,547         | 11,609        | 11,041,001         | 14,844,110         | 20,898,948         |
| 7. Liquors and beverages.....                                | 949                    | 927           | 1,209         | 1,619,113          | 1,484,443          | 2,094,232          |
| 8. Chemicals and allied products.....                        | 2,850                  | 2,815         | 3,976         | 4,524,669          | 4,803,087          | 7,734,100          |
| 9. Clay, glass and stone products.....                       | 978                    | 1,018         | 534           | 1,493,600          | 1,792,118          | 1,028,050          |
| 10. Metals and metal products other than iron and steel..... | 3,682                  | 4,672         | 3,931         | 5,578,802          | 6,551,620          | 6,354,247          |
| 11. Tobacco and its manufactures.....                        | 1,039                  | 1,325         | 1,438         | 1,563,801          | 2,367,599          | 2,777,766          |
| 12. Vehicles for land and air transportation.....            | 3,573                  | 4,088         | 4,540         | 5,247,893          | 6,679,565          | 9,815,366          |
| 13. Vehicles for water transportation.....                   | 1,403                  | 1,432         | 1,298         | 1,923,055          | 2,616,933          | 2,540,721          |
| 14. Miscellaneous industries.....                            | 14,836                 | 15,268        | 15,032        | 20,304,583         | 21,175,982         | 23,706,941         |
| 15. Hand trades.....   | 2,515                  | 3,309         | 3,720         | 3,300,750          | 4,908,650          | 6,554,375          |
| <b>Totals.....</b>   | <b>75,221</b>          | <b>88,316</b> | <b>89,297</b> | <b>107,503,074</b> | <b>130,855,002</b> | <b>158,353,778</b> |

## of Industries (Old Classification), 1918, 1919 and 1920.

| Cost of Materials.   |                      |                      | Value of Products.   |                      |                      |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 1918.                | 1919.                | 1920.                | 1918.                | 1919.                | 1920.                |
| \$                   | \$                   | \$                   | \$                   | \$                   | \$                   |
| 636,392,864          | 736,404,245          | 746,902,089          | 839,086,118          | 949,234,158          | 977,149,828          |
| 196,080,057          | 227,841,353          | 273,678,278          | 342,385,878          | 400,902,541          | 468,340,134          |
| 238,483,815          | 120,772,003          | 174,367,807          | 443,455,779          | 299,480,387          | 388,659,450          |
| 94,000,304           | 132,917,264          | 86,880,211           | 251,699,154          | 354,617,529          | 402,757,053          |
| 58,755,096           | 85,187,804           | 86,784,379           | 94,577,196           | 129,980,237          | 136,578,344          |
| 62,276,642           | 73,664,746           | 117,396,463          | 167,367,972          | 203,502,828          | 311,756,454          |
| 13,476,912           | 15,263,730           | 23,071,665           | 28,266,256           | 33,820,948           | 50,347,697           |
| 93,754,000           | 66,421,263           | 110,690,115          | 173,649,073          | 122,889,030          | 197,093,029          |
| 9,497,591            | 8,161,940            | 7,311,256            | 35,354,311           | 35,983,529           | 21,722,476           |
| 91,819,081           | 47,791,682           | 63,757,536           | 170,042,852          | 149,016,160          | 127,962,951          |
| 19,039,791           | 27,651,755           | 28,387,747           | 55,411,487           | 64,272,208           | 74,652,188           |
| 105,561,485          | 113,845,317          | 142,336,127          | 205,213,617          | 215,530,983          | 265,368,833          |
| 30,296,947           | 34,374,524           | 21,567,418           | 76,630,411           | 88,454,139           | 56,793,336           |
| 223,533,091          | 142,169,549          | 153,588,503          | 485,082,107          | 337,909,365          | 367,823,873          |
| 27,284,638           | 43,148,702           | 54,171,620           | 89,814,764           | 135,137,547          | 177,733,817          |
| <b>1,900,252,314</b> | <b>1,875,615,877</b> | <b>2,190,891,214</b> | <b>3,458,036,975</b> | <b>3,520,731,589</b> | <b>4,024,739,463</b> |

| Employees on Wages. |                |                | Wages Paid.        |                    |                    |
|---------------------|----------------|----------------|--------------------|--------------------|--------------------|
| 1918.               | 1919.          | 1920.          | 1918.              | 1919.              | 1920.              |
| No.                 | No.            | No.            | \$                 | \$                 | \$                 |
| 52,294              | 56,334         | 55,551         | 38,576,094         | 48,238,630         | 53,976,333         |
| 79,110              | 80,475         | 89,876         | 46,205,413         | 58,451,594         | 75,360,088         |
| 69,466              | 56,442         | 61,964         | 79,076,215         | 63,439,558         | 81,512,595         |
| 87,286              | 101,215        | 74,862         | 66,587,955         | 82,492,121         | 77,250,703         |
| 19,237              | 21,678         | 21,900         | 12,507,227         | 17,426,647         | 20,526,706         |
| 40,742              | 42,142         | 47,383         | 34,640,392         | 42,112,540         | 57,357,095         |
| 4,006               | 4,326          | 4,638          | 3,145,442          | 3,731,562          | 5,133,759          |
| 16,541              | 12,216         | 17,803         | 17,588,912         | 12,774,051         | 20,977,096         |
| 9,918               | 9,795          | 5,420          | 9,061,712          | 10,272,443         | 6,478,231          |
| 25,128              | 24,555         | 23,876         | 24,810,997         | 25,929,364         | 26,786,725         |
| 9,104               | 9,358          | 7,838          | 4,935,829          | 5,372,536          | 5,841,303          |
| 39,035              | 45,953         | 56,292         | 42,063,775         | 60,009,352         | 79,367,662         |
| 21,041              | 23,102         | 14,321         | 25,186,327         | 27,925,335         | 19,590,388         |
| 92,385              | 60,796         | 62,357         | 88,372,871         | 55,074,162         | 68,364,187         |
| 37,823              | 45,731         | 51,971         | 29,525,409         | 45,330,812         | 59,178,490         |
| <b>603,116</b>      | <b>594,118</b> | <b>596,052</b> | <b>522,287,570</b> | <b>558,580,707</b> | <b>657,701,361</b> |

NOTE.—These statistics and those of the following table may be compared with the corresponding statistics for 1915, given on pages 285-293 of the 1916-17 edition of the Year Book, under the reservation that in 1915 statistics were secured only from establishments having an output of \$2,500 or over, except in the case of flour and grist mills, butter and cheese factories, fish preserving factories, saw-mills, brick and tile yards, lime kilns and electric light plants, in which cases all establishments were included. In the above table, and in those that follow, all establishments in all industries are included.

## 7.—Statistics of the Numbers, Capital, Employees, Wages, Cost of Materials

(New)

| No. | Groups and Kinds of Industries.              | Establishments. | Capital.             | Salaried Employees. |                    |
|-----|--|-----------------|----------------------|---------------------|--------------------|
|     |  |                 |                      | Number.             | Salaries.          |
|     | 1920.  | No.             | \$                   |                     | \$                 |
| 1   | Vegetable products.....                      | 4,233           | 396,305,898          | 10,988              | 18,926,082         |
| 2   | Animal products.....                         | 4,823           | 221,792,457          | 10,410              | 15,023,357         |
| 3   | Textiles and textile products.....           | 4,528           | 321,750,003          | 9,656               | 19,463,114         |
| 4   | Wood and paper.....                          | 7,867           | 772,086,812          | 18,508              | 33,813,563         |
| 5   | Iron and steel products.....                 | 1,690           | 642,904,322          | 14,873              | 29,262,083         |
| 6   | Non-ferrous metals and their products.....   | 324             | 109,382,033          | 4,309               | 7,227,211          |
| 7   | Non-metallic mineral products.....           | 866             | 143,681,810          | 2,562               | 4,136,749          |
| 8   | Chemicals and allied products.....           | 464             | 122,123,730          | 3,714               | 7,241,630          |
| 9   | Miscellaneous industries.....                | 2,052           | 503,382,290          | 6,859               | 10,305,771         |
| 10  | Construction, hand trades and repairs.....   | 16,353          | 209,866,698          | 7,418               | 12,954,218         |
|     | <b>Total.....</b>                            | <b>43,200</b>   | <b>3,443,276,053</b> | <b>89,297</b>       | <b>158,353,778</b> |
|     | <b>1. Vegetable products.....</b>            | <b>4,233</b>    | <b>396,305,898</b>   | <b>10,988</b>       | <b>18,926,082</b>  |
| 1   | Biscuits and confectionery.....              | 400             | 31,217,581           | 1,706               | 2,788,962          |
| 2   | Bread and other bakery products.....         | 1,769           | 23,612,654           | 1,170               | 1,742,175          |
| 3   | Breakfast foods, prepared.....               | 10              | 4,173,675            | 79                  | 158,640            |
| 4   | Breweries.....                               | 57              | 37,494,396           | 558                 | 1,089,664          |
| 5   | Chewing gum.....                             | 4               | 3,883,037            | 80                  | 209,247            |
| 6   | Cigars and cigarettes.....                   | 98              | 33,966,154           | 1,084               | 1,943,767          |
| 7   | Cocoa and chocolate.....                     | 9               | 5,553,571            | 178                 | 304,568            |
| 8   | Coffee and spices.....                       | 42              | 7,074,006            | 297                 | 624,226            |
| 9   | Distilleries.....                            | 4               | 11,773,046           | 64                  | 84,345             |
| 10  | Flour and grist mill products.....           | 1,332           | 68,838,927           | 1,536               | 2,718,164          |
| 11  | Fruit and vegetable canneries.....           | 133             | 14,017,856           | 332                 | 473,810            |
| 12  | Fruits and vegetables, evaporated.....       | 66              | 365,602              | 22                  | 9,906              |
| 13  | Grain foods, prepared.....                   | 5               | 125,380              | 8                   | 12,223             |
| 14  | Ice cream cones.....                         | 13              | 343,138              | 28                  | 46,478             |
| 15  | Jams and jellies.....                        | 49              | 8,681,252            | 179                 | 293,565            |
| 16  | Linseed oil and oil cake.....                | 8               | 2,911,634            | 42                  | 81,744             |
| 17  | Macaroni and vermicelli.....                 | 10              | 1,233,005            | 38                  | 53,715             |
| 18  | Malt mills.....                              | 8               | 2,444,209            | 41                  | 86,665             |
| 19  | Maple syrup and sugar.....                   | 5               | 306,349              | 37                  | 36,421             |
| 20  | Nut preparing.....                           | 10              | 234,652              | 10                  | 17,137             |
| 21  | Pickles and relishes.....                    | 20              | 2,840,262            | 105                 | 176,134            |
| 22  | Rice mills.....                              | 7               | 1,750,185            | 14                  | 46,329             |
| 23  | Rubber footwear.....                         | 11              | 16,120,583           | 665                 | 958,048            |
| 24  | Rubber goods.....                            | 24              | 42,249,456           | 1,338               | 2,201,032          |
| 25  | Seed cleaning and preparing.....             | 14              | 2,182,665            | 170                 | 277,044            |
| 26  | Starch and glucose.....                      | 5               | 6,112,124            | 115                 | 172,560            |
| 27  | Stock and poultry foods.....                 | 21              | 1,218,536            | 103                 | 152,994            |
| 28  | Sugar refineries.....                        | 8               | 46,719,034           | 445                 | 1,029,930          |
| 29  | Syrups.....                                  | 10              | 263,336              | 17                  | 25,950             |
| 30  | Tobacco, chewing and smoking.....            | 27              | 13,356,437           | 354                 | 833,999            |
| 31  | Vinegar and cider.....                       | 39              | 2,794,280            | 93                  | 145,604            |
| 32  | Wines and grape juice.....                   | 13              | 1,301,465            | 28                  | 59,318             |
| 33  | All other industries.....                    | 2               | 1,147,411            | 52                  | 71,718             |
|     | <b>2. Animal products.....</b>               | <b>4,823</b>    | <b>221,792,457</b>   | <b>10,410</b>       | <b>15,023,357</b>  |
| 1   | Animal hair goods.....                       | 7               | 670,746              | 18                  | 61,817             |
| 2   | Beef extracts.....                           | 4               | 433,391              | 48                  | 43,406             |
| 3   | Belting and hose, leather.....               | 9               | 1,764,417            | 63                  | 147,804            |
| 4   | Boot and shoe findings.....                  | 17              | 570,296              | 34                  | 50,309             |
| 5   | Boots and shoes, leather.....                | 173             | 34,347,026           | 1,591               | 3,194,620          |
| 6   | Butter and cheese.....                       | 3,133           | 25,386,106           | 3,664               | 3,132,734          |
| 7   | Condensed milk.....                          | 28              | 7,959,199            | 151                 | 230,644            |
| 8   | Fish curing and packing.....                 | 940             | 20,512,265           | 651                 | 759,176            |
| 9   | Fur dressing.....                            | 14              | 661,684              | 33                  | 63,672             |
| 10  | Fur goods.....                               | 125             | 3,346,125            | 150                 | 246,880            |
| 11  | Gloves and mittens, leather.....             | 50              | 3,993,251            | 233                 | 433,821            |
| 12  | Harness and saddlery.....                    | 78              | 6,804,321            | 362                 | 399,521            |
| 13  | Human hair goods.....                        | 4               | 62,683               | 8                   | 11,713             |
| 14  | Leather goods, n.e.s.....                    | 31              | 865,850              | 82                  | 134,190            |
| 15  | Leather tanneries.....                       | 100             | 29,739,987           | 335                 | 849,075            |
| 16  | Sausage and sausage casings.....             | 18              | 153,068              | 18                  | 24,396             |
| 17  | Slaughtering and meat packing.....           | 86              | 84,288,306           | 2,951               | 5,210,778          |
| 18  | Tallow and animal oils.....                  | 6               | 233,736              | 18                  | 28,801             |
|     | <b>3. Textiles and textile products.....</b> | <b>4,528</b>    | <b>321,750,003</b>   | <b>9,656</b>        | <b>19,463,114</b>  |
| 1   | Awnings, tents and sails.....                | 54              | 2,236,289            | 150                 | 219,701            |
| 3   | Bags, cotton and jute.....                   | 16              | 5,740,002            | 108                 | 214,238            |
|     | Carpets, custom and rag.....                 | 11              | 81,931               | 14                  | 20,460             |

**and Value of Products of Canadian Manufacturing Industries, 1920.**  
 Classification.)

| Wage Earners.  |                    | Total Employees. |                     | Cost of Materials.    | Value of Products.    |                       | No. |
|----------------|--------------------|------------------|---------------------|-----------------------|-----------------------|-----------------------|-----|
| Number.        | Wages.             | Number.          | Salaries and Wages. |                       | Net.                  | Gross.                |     |
| 61,872         | \$ 57,306,640      | 72,860           | \$ 76,232,722       | \$ 539,318,609        | \$ 235,709,433        | \$ 775,028,042        | 1   |
| 38,277         | 39,268,249         | 48,687           | 54,291,606          | 400,496,354           | 152,995,130           | 553,491,484           | 2   |
| 89,066         | 74,494,289         | 99,688           | 93,957,403          | 272,695,211           | 192,984,741           | 465,679,952           | 3   |
| 125,223        | 137,796,897        | 143,731          | 171,610,460         | 308,282,232           | 415,784,276           | 724,066,508           | 4   |
| 131,331        | 176,152,516        | 146,204          | 205,414,599         | 349,642,666           | 365,473,097           | 715,115,763           | 5   |
| 18,853         | 20,668,132         | 23,162           | 27,895,343          | 48,434,120            | 52,847,178            | 101,281,298           | 6   |
| 16,208         | 19,546,943         | 18,770           | 23,683,692          | 74,200,407            | 54,405,062            | 128,605,469           | 7   |
| 13,939         | 14,951,791         | 17,653           | 22,193,421          | 62,644,608            | 65,183,212            | 127,827,820           | 8   |
| 19,505         | 21,250,315         | 26,364           | 31,556,086          | 26,579,370            | 98,629,180            | 125,208,550           | 9   |
| 81,778         | 96,265,589         | 89,196           | 109,219,807         | 108,597,637           | 199,836,940           | 308,434,577           | 10  |
| <b>596,052</b> | <b>657,701,361</b> | <b>686,315</b>   | <b>816,055,139</b>  | <b>2,190,891,214</b>  | <b>1,833,848,249</b>  | <b>4,024,739,463</b>  |     |
| 61,872         | <b>57,306,640</b>  | <b>72,860</b>    | <b>76,232,722</b>   | <b>\$ 539,318,609</b> | <b>\$ 235,709,433</b> | <b>\$ 775,028,042</b> |     |
| 10,962         | 7,733,514          | 12,668           | 10,522,476          | 30,939,803            | 23,719,030            | 54,658,833            | 1   |
| 8,669          | 9,752,213          | 9,839            | 11,494,388          | 38,239,135            | 23,561,498            | 61,800,633            | 2   |
| 342            | 404,051            | 421              | 562,691             | 2,926,528             | 1,572,913             | 4,499,441             | 3   |
| 2,810          | 3,289,996          | 3,368            | 4,379,660           | 12,525,107            | 19,154,394            | 31,679,501            | 4   |
| 275            | 176,400            | 355              | 385,647             | 1,706,906             | 1,356,024             | 3,062,930             | 5   |
| 6,102          | 4,659,816          | 7,186            | 6,603,583           | 17,826,151            | 37,299,466            | 55,125,617            | 6   |
| 1,222          | 941,125            | 1,400            | 1,245,693           | 5,640,593             | 3,267,684             | 8,908,277             | 7   |
| 631            | 512,333            | 928              | 1,136,559           | 9,195,092             | 2,985,719             | 12,180,811            | 8   |
| 277            | 292,363            | 341              | 376,708             | 1,210,633             | 1,604,726             | 2,815,359             | 9   |
| 5,550          | 5,853,340          | 7,086            | 8,571,504           | 205,746,546           | 33,508,915            | 239,255,461           | 10  |
| 3,000          | 1,973,501          | 3,332            | 2,447,311           | 11,102,409            | 6,483,894             | 17,586,303            | 11  |
| 238            | 127,557            | 260              | 137,463             | 184,633               | 277,076               | 461,709               | 12  |
| 25             | 15,950             | 33               | 28,173              | 242,878               | 97,967                | 340,845               | 13  |
| 88             | 95,666             | 116              | 142,144             | 329,825               | 505,873               | 835,698               | 14  |
| 1,006          | 758,262            | 1,185            | 1,051,827           | 6,436,857             | 3,308,328             | 9,745,185             | 15  |
| 180            | 224,324            | 222              | 306,068             | 7,180,011             | 2,050,073             | 9,230,084             | 16  |
| 242            | 158,435            | 280              | 212,150             | 1,077,452             | 446,161               | 1,523,613             | 17  |
| 138            | 194,093            | 179              | 280,758             | 4,338,453             | 1,118,713             | 5,457,166             | 18  |
| 58             | 40,625             | 95               | 77,046              | 695,935               | 307,980               | 1,003,915             | 19  |
| 107            | 59,858             | 117              | 76,995              | 813,484               | 387,710               | 1,201,194             | 20  |
| 663            | 474,953            | 768              | 651,087             | 2,509,645             | 2,124,255             | 4,633,900             | 21  |
| 84             | 102,264            | 98               | 148,593             | 4,646,259             | 515,196               | 5,161,455             | 22  |
| 6,109          | 5,116,386          | 6,774            | 6,074,434           | 11,192,993            | 14,401,458            | 25,594,451            | 23  |
| 7,126          | 7,924,464          | 8,464            | 10,125,496          | 30,645,207            | 24,477,650            | 55,122,857            | 24  |
| 310            | 260,148            | 480              | 537,192             | 6,834,414             | 1,391,906             | 8,226,320             | 25  |
| 770            | 889,544            | 885              | 1,062,104           | 5,936,610             | 2,442,575             | 8,379,185             | 26  |
| 120            | 107,815            | 223              | 260,809             | 1,281,387             | 730,233               | 2,011,620             | 27  |
| 2,673          | 3,602,884          | 3,118            | 4,632,814           | 103,689,088           | 15,397,643            | 119,086,731           | 28  |
| 30             | 28,290             | 47               | 54,240              | 636,844               | 187,327               | 824,171               | 29  |
| 1,736          | 1,181,487          | 2,090            | 2,015,486           | 10,561,596            | 8,964,975             | 19,526,571            | 30  |
| 202            | 222,704            | 295              | 368,308             | 1,112,649             | 1,336,665             | 2,449,314             | 31  |
| 70             | 76,888             | 98               | 136,206             | 653,623               | 387,355               | 1,040,978             | 32  |
| 57             | 55,391             | 109              | 127,109             | 1,259,863             | 338,051               | 1,597,914             | 33  |
| <b>38,277</b>  | <b>39,268,249</b>  | <b>48,687</b>    | <b>54,291,606</b>   | <b>400,496,354</b>    | <b>152,995,130</b>    | <b>553,491,484</b>    |     |
| 112            | 117,613            | 130              | 179,430             | 459,127               | 299,510               | 758,637               | 1   |
| 144            | 25,243             | 192              | 68,649              | 276,090               | 258,687               | 534,777               | 2   |
| 141            | 133,932            | 204              | 281,736             | 1,515,449             | 669,775               | 2,185,224             | 3   |
| 199            | 151,094            | 233              | 201,403             | 1,019,884             | 357,372               | 1,377,256             | 4   |
| 11,046         | 10,889,233         | 12,636           | 14,083,853          | 40,807,366            | 26,009,808            | 66,817,174            | 5   |
| 4,190          | 4,691,127          | 7,854            | 7,823,861           | 106,211,588           | 19,605,068            | 125,816,656           | 6   |
| 903            | 913,584            | 1,054            | 1,144,228           | 16,239,252            | 4,280,583             | 20,519,835            | 7   |
| 4,476          | 3,180,701          | 5,127            | 3,939,877           | 19,363,029            | 11,537,118            | 30,900,147            | 8   |
| 358            | 362,240            | 391              | 425,912             | 159,604               | 893,247               | 1,052,851             | 9   |
| 718            | 784,631            | 868              | 1,031,511           | 3,727,003             | 1,786,149             | 5,513,152             | 10  |
| 1,749          | 1,193,558          | 1,982            | 1,627,379           | 3,087,937             | 2,686,164             | 5,774,101             | 11  |
| 1,068          | 1,055,523          | 1,430            | 1,455,044           | 4,703,097             | 2,498,040             | 7,201,137             | 12  |
| 39             | 32,971             | 47               | 44,684              | 52,133                | 84,603                | 136,736               | 13  |
| 475            | 383,423            | 557              | 517,613             | 830,135               | 900,481               | 1,730,616             | 14  |
| 3,552          | 3,781,268          | 3,887            | 4,630,343           | 30,370,591            | 11,070,011            | 41,440,602            | 15  |
| 53             | 67,622             | 71               | 92,018              | 453,843               | 198,059               | 651,902               | 16  |
| 9,027          | 11,480,693         | 11,978           | 16,691,471          | 170,916,888           | 69,627,730            | 240,544,618           | 17  |
| 27             | 23,793             | 45               | 52,594              | 303,338               | 232,725               | 536,063               | 18  |
| <b>89,066</b>  | <b>74,494,289</b>  | <b>99,688</b>    | <b>93,957,403</b>   | <b>272,695,211</b>    | <b>192,984,741</b>    | <b>465,679,952</b>    |     |
| 414            | 356,175            | 564              | 575,876             | 1,664,786             | 976,918               | 2,641,704             | 1   |
| 792            | 641,009            | 900              | 855,247             | 14,524,605            | 863,938               | 15,388,543            | 2   |
| 65             | 39,011             | 79               | 59,471              | 8,875                 | 117,179               | 126,054               | 3   |

**7.—Statistics of the Numbers, Capital, Employees, Wages, Cost of Materials  
(New)**

| No.       | Groups and Kinds of Industries.                    | Establishments. | Capital.           | Salaried Employees. |                   |
|-----------|--|-----------------|--------------------|---------------------|-------------------|
|           |  |                 |                    | Number.             | Salaries.         |
|           | 1920.  |                 | \$                 |                     | \$                |
| <b>3.</b> | <b>Textiles and textile products—concluded.</b>    | No.             |                    |                     |                   |
| 4         | Carpets, rugs and mats.                            | 6               | 3,325,063          | 172                 | 307,460           |
| 5         | Clothing, men's custom.                            | 1,620           | 11,516,424         | 591                 | 974,626           |
| 6         | Clothing, men's factory.                           | 196             | 37,920,004         | 1,784               | 3,897,386         |
| 7         | Clothing, oiled.                                   | 9               | 604,255            | 18                  | 38,242            |
| 8         | Clothing, waterproof.                              | 19              | 1,488,027          | 91                  | 215,436           |
| 9         | Clothing, women's custom.                          | 216             | 1,537,465          | 119                 | 187,810           |
| 10        | Clothing, women's factory.                         | 274             | 22,750,922         | 1,710               | 3,809,929         |
| 11        | Cordage, rope and twine.                           | 8               | 10,142,323         | 82                  | 181,241           |
| 12        | Corsets.   | 15              | 6,680,588          | 353                 | 524,891           |
| 13        | Cotton thread.                                     | 4               | 7,379,088          | 68                  | 128,219           |
| 14        | Cotton yarn and cloth.                             | 31              | 76,413,703         | 430                 | 1,035,420         |
| 15        | Embroidery, lacework and trimmings.                | 36              | 2,003,995          | 167                 | 373,879           |
| 16        | Flax and hemp dressing.                            | 38              | 2,256,654          | 65                  | 101,614           |
| 17        | Furnishing goods, men's.                           | 62              | 14,405,583         | 530                 | 934,257           |
| 18        | Gloves and mittens (woollen).                      | 4               | 1,213,667          | 37                  | 50,659            |
| 19        | Hats and caps.                                     | 230             | 16,594,962         | 802                 | 1,501,272         |
| 20        | Horse clothing.                                    | 3               | 851,331            | 11                  | 21,870            |
| 21        | Hosiery and knit goods.                            | 128             | 42,113,393         | 993                 | 2,012,116         |
| 22        | Lacings, tapes and bindings.                       | 10              | 747,747            | 32                  | 66,504            |
| 23        | Linen towels and napery.                           | 4               | 877,327            | 15                  | 25,389            |
| 24        | Men's suspenders, garters and elastic woven goods. | 15              | 1,549,194          | 92                  | 171,125           |
| 25        | Millinery.   | 1,320           | 3,595,265          | 253                 | 293,412           |
| 26        | Neckwear and fancy goods (women's).                | 4               | 156,427            | 18                  | 31,807            |
| 27        | Neckwear, men's.                                   | 13              | 2,417,030          | 192                 | 313,439           |
| 28        | Quilted goods.                                     | 8               | 363,549            | 18                  | 33,457            |
| 29        | Rags, wiping.                                      | 3               | 77,296             | 5                   | 5,780             |
| 30        | Shoddy.  | 12              | 845,973            | 33                  | 71,736            |
| 31        | Silk goods.  | 5               | 4,901,679          | 58                  | 111,952           |
| 32        | Textiles, dyeing and finishing.                    | 4               | 453,446            | 9                   | 20,052            |
| 33        | Waste, cotton and wool.                            | 8               | 1,046,237          | 35                  | 81,456            |
| 34        | Window blinds and shades.                          | 6               | 2,924,426          | 170                 | 329,976           |
| 35        | Wool carding and fulling.                          | 30              | 86,010             | —                   | —                 |
| 36        | Wool felt goods.                                   | 12              | 3,573,100          | 94                  | 163,980           |
| 37        | Wool pulling.                                      | 7               | 1,014,798          | 16                  | 41,670            |
| 38        | Woollen cloth.                                     | 66              | 22,783,128         | 299                 | 782,213           |
| 39        | Woollen yarns.                                     | 16              | 6,428,991          | 51                  | 109,095           |
| 40        | All other industries.                              | 5               | 652,711            | 21                  | 59,345            |
| <b>4.</b> | <b>Wood and paper</b>                              | <b>7,867</b>    | <b>772,086,812</b> | <b>18,508</b>       | <b>33,813,563</b> |
| 1         | Baskets and crates.                                | 29              | 915,528            | 35                  | 52,116            |
| 2         | Beekeepers' supplies.                              | 4               | 110,307            | 5                   | 6,604             |
| 3         | Blue prints.                                       | 14              | 152,331            | 23                  | 36,569            |
| 4         | Bobbins and spools.                                | 3               | 217,692            | 7                   | 13,712            |
| 5         | Boxes and packing cases.                           | 96              | 7,514,926          | 219                 | 408,720           |
| 6         | Boxes, cigar.                                      | 5               | 720,826            | 27                  | 44,470            |
| 7         | Boxes, paper.                                      | 90              | 12,108,571         | 461                 | 947,877           |
| 8         | Box shooks.  | 9               | 1,044,528          | 28                  | 51,493            |
| 9         | Canoes, row-boats and launches.                    | 107             | 1,367,617          | 64                  | 105,774           |
| 10        | Carriage and wagon materials.                      | 11              | 1,787,316          | 52                  | 113,162           |
| 11        | Carriages, wagons and sleighs.                     | 647             | 13,473,470         | 302                 | 500,256           |
| 12        | Carriages, wagons and sleighs (children's).        | 5               | 352,591            | 25                  | 38,053            |
| 13        | Clothes pins.                                      | 5               | 1,352,679          | 10                  | 14,864            |
| 14        | Coffins and caskets.                               | 34              | 2,660,211          | 78                  | 136,628           |
| 15        | Cooperage.   | 103             | 3,772,230          | 82                  | 125,689           |
| 16        | Cork products.                                     | 7               | 1,093,463          | 30                  | 45,304            |
| 17        | Fly paper.   | 3               | 75,093             | 8                   | 11,050            |
| 18        | Foundry patterns.                                  | 34              | 255,151            | 21                  | 35,260            |
| 19        | Furniture, other than wickerware.                  | 167             | 29,436,010         | 985                 | 1,903,339         |
| 20        | Furniture, upholstering and repairing.             | 153             | 1,745,209          | 69                  | 109,742           |
| 21        | Lasts, trees and pegs.                             | 9               | 1,275,051          | 41                  | 70,788            |
| 22        | Lithographing and engraving.                       | 91              | 7,901,861          | 522                 | 1,114,074         |
| 23        | Mat making.  | 3               | 50,615             | 8                   | 16,943            |
| 24        | Paper goods, n.e.s.                                | 6               | 318,177            | 10                  | 24,985            |
| 25        | Paper mills.                                       | 33              | 22,421,350         | 299                 | 761,046           |
| 26        | Paper patterns.                                    | 6               | 576,385            | 53                  | 56,651            |
| 27        | Printing and bookbinding.                          | 670             | 28,248,490         | 1,911               | 3,780,944         |
| 28        | Printing and publishing.                           | 1,007           | 40,446,679         | 5,674               | 8,151,401         |
| 29        | Pulleys.   | 4               | 128,934            | 8                   | 12,325            |
| 30        | Pulp and paper mills.                              | 27              | 221,472,538        | 1,823               | 4,215,974         |
| 31        | Pulp mills.  | 40              | 103,659,445        | 547                 | 1,559,559         |

**and Value of Products of Canadian Manufacturing Industries, 1920—continued.**  
 Classification.)

| Wage Earners.  |                    | Total Employment. |                     | Cost of Materials. | Value of Products. |                    | No. |
|----------------|--------------------|-------------------|---------------------|--------------------|--------------------|--------------------|-----|
| Number.        | Wages.             | Number.           | Salaries and Wages. |                    | Net.               | Gross.             |     |
|                | \$                 |                   | \$                  | \$                 | \$                 | \$                 |     |
| 967            | 938,391            | 2,105             | 1,245,851           | 2,296,456          | 2,045,372          | 4,341,828          | 4   |
| 5,267          | 4,763,412          | 5,858             | 5,738,038           | 9,966,713          | 10,859,713         | 20,826,426         | 5   |
| 11,000         | 12,702,951         | 12,734            | 16,600,337          | 34,589,605         | 27,476,882         | 62,066,487         | 6   |
| 213            | 133,440            | 231               | 171,682             | 494,397            | 368,324            | 862,721            | 7   |
| 292            | 449,770            | 383               | 665,206             | 1,699,661          | 968,418            | 2,668,079          | 8   |
| 953            | 788,879            | 1,072             | 976,689             | 1,494,887          | 1,785,485          | 3,280,372          | 9   |
| 11,226         | 10,395,325         | 12,936            | 14,205,254          | 30,956,445         | 21,918,123         | 52,874,568         | 10  |
| 1,195          | 1,304,410          | 1,277             | 1,485,651           | 8,271,669          | 4,187,145          | 12,458,814         | 11  |
| 1,818          | 801,056            | 2,171             | 1,325,947           | 3,690,525          | 2,704,507          | 6,395,032          | 12  |
| 693            | 467,689            | 761               | 595,908             | 3,117,237          | 2,342,614          | 5,459,851          | 13  |
| 17,194         | 12,825,293         | 17,624            | 13,860,713          | 53,402,723         | 39,087,279         | 92,490,002         | 14  |
| 747            | 578,586            | 914               | 952,465             | 1,377,756          | 2,009,246          | 3,387,002          | 15  |
| 977            | 589,287            | 1,042             | 690,901             | 609,304            | 2,169,903          | 2,779,207          | 16  |
| 4,289          | 2,813,591          | 4,819             | 3,747,848           | 12,920,395         | 7,635,224          | 20,555,619         | 17  |
| 531            | 412,340            | 568               | 462,999             | 689,377            | 672,409            | 1,361,786          | 18  |
| 4,073          | 3,877,560          | 4,875             | 5,378,832           | 12,915,687         | 9,772,987          | 22,688,674         | 19  |
| 126            | 102,535            | 137               | 124,405             | 504,457            | 389,921            | 894,378            | 20  |
| 13,031         | 9,059,812          | 14,024            | 11,071,928          | 34,238,894         | 22,497,651         | 56,736,545         | 21  |
| 246            | 158,278            | 278               | 224,782             | 745,197            | 596,967            | 1,342,164          | 22  |
| 220            | 115,533            | 235               | 140,922             | 380,936            | 349,245            | 730,181            | 23  |
| 408            | 300,486            | 500               | 471,611             | 1,187,067          | 796,830            | 1,983,897          | 24  |
| 2,744          | 1,809,853          | 2,997             | 2,103,265           | 4,391,007          | 4,393,072          | 8,784,079          | 25  |
| 110            | 82,994             | 128               | 114,801             | 266,320            | 220,924            | 487,244            | 26  |
| 426            | 312,058            | 618               | 625,497             | 2,320,658          | 1,783,436          | 4,104,094          | 27  |
| 151            | 103,861            | 169               | 137,318             | 450,559            | 298,643            | 749,202            | 28  |
| 18             | 14,226             | 23                | 20,006              | 114,250            | 45,202             | 159,452            | 29  |
| 168            | 187,381            | 201               | 259,117             | 1,108,399          | 515,616            | 1,624,015          | 30  |
| 1,107          | 705,488            | 1,165             | 817,440             | 3,438,792          | 1,937,959          | 5,376,751          | 31  |
| 60             | 72,369             | 69                | 92,421              | 143,297            | 228,018            | 371,315            | 32  |
| 163            | 147,508            | 198               | 228,964             | 2,250,481          | 548,029            | 2,798,510          | 33  |
| 325            | 320,933            | 495               | 650,909             | 3,043,378          | 1,123,539          | 4,166,917          | 34  |
| 23             | 14,901             | 23                | 14,901              | —                  | 35,533             | 35,533             | 35  |
| 434            | 371,533            | 528               | 535,513             | 1,960,619          | 1,556,073          | 3,516,692          | 36  |
| 72             | 94,588             | 88                | 136,258             | 672,539            | 162,276            | 834,815            | 37  |
| 5,235          | 4,604,483          | 5,534             | 5,386,696           | 14,720,413         | 13,298,152         | 28,018,565         | 38  |
| 1,209          | 959,063            | 1,260             | 1,068,158           | 5,398,098          | 3,755,112          | 9,153,210          | 39  |
| 84             | 78,231             | 105               | 137,576             | 668,747            | 490,877            | 1,159,624          | 40  |
| <b>125,223</b> | <b>137,796,897</b> | <b>143,731</b>    | <b>171,610,460</b>  | <b>308,282,232</b> | <b>415,784,276</b> | <b>724,066,508</b> |     |
| 471            | 344,903            | 506               | 397,019             | 464,215            | 663,608            | 1,127,823          | 1   |
| 11             | 13,602             | 16                | 20,206              | 19,298             | 68,729             | 88,027             | 2   |
| 55             | 39,097             | 78                | 75,666              | 155,857            | 168,414            | 324,271            | 3   |
| 92             | 70,401             | 99                | 84,113              | 90,579             | 128,839            | 219,418            | 4   |
| 2,971          | 2,553,343          | 3,190             | 2,962,063           | 7,022,554          | 5,109,361          | 12,131,915         | 5   |
| 362            | 224,993            | 389               | 269,463             | 489,122            | 497,236            | 986,358            | 6   |
| 3,745          | 2,692,074          | 4,206             | 3,639,951           | 8,101,012          | 8,273,384          | 16,374,396         | 7   |
| 219            | 205,793            | 247               | 257,286             | 630,941            | 389,375            | 1,020,316          | 8   |
| 708            | 813,781            | 772               | 919,555             | 615,201            | 1,352,439          | 1,967,640          | 9   |
| 437            | 499,057            | 489               | 612,219             | 1,120,789          | 1,443,160          | 2,563,949          | 10  |
| 2,804          | 2,786,041          | 3,106             | 3,286,297           | 5,086,627          | 5,595,323          | 10,681,950         | 11  |
| 125            | 128,996            | 150               | 167,049             | 207,831            | 223,018            | 430,849            | 12  |
| 180            | 184,326            | 190               | 199,190             | 125,565            | 166,291            | 291,856            | 13  |
| 610            | 543,682            | 688               | 680,310             | 1,056,719          | 1,351,736          | 2,408,455          | 14  |
| 737            | 712,426            | 819               | 838,115             | 2,126,542          | 1,740,133          | 3,866,675          | 15  |
| 230            | 210,998            | 260               | 256,302             | 790,448            | 653,901            | 1,444,349          | 16  |
| 17             | 15,231             | 25                | 26,281              | 66,286             | 116,275            | 182,561            | 17  |
| 155            | 249,641            | 176               | 284,901             | 73,343             | 401,943            | 475,286            | 18  |
| 8,695          | 8,330,314          | 9,680             | 10,233,653          | 12,694,745         | 19,078,544         | 31,773,289         | 19  |
| 514            | 586,576            | 583               | 696,318             | 511,838            | 1,321,510          | 1,833,348          | 20  |
| 283            | 264,605            | 324               | 335,393             | 143,205            | 635,137            | 778,342            | 21  |
| 2,338          | 2,748,266          | 2,860             | 3,862,340           | 3,688,767          | 7,479,935          | 11,168,702         | 22  |
| 5              | 3,481              | 13                | 20,424              | 20,516             | 46,058             | 66,574             | 23  |
| 28             | 31,083             | 38                | 56,068              | 125,489            | 160,898            | 286,387            | 24  |
| 2,744          | 3,045,038          | 3,043             | 3,806,084           | 14,929,687         | 12,171,792         | 27,101,479         | 25  |
| 145            | 129,681            | 198               | 186,332             | 148,741            | 768,393            | 917,134            | 26  |
| 9,258          | 10,343,163         | 11,169            | 14,124,107          | 14,015,292         | 24,811,687         | 38,826,979         | 27  |
| 9,202          | 10,917,693         | 14,876            | 19,069,094          | 15,597,082         | 38,244,521         | 53,841,603         | 28  |
| 41             | 33,225             | 49                | 45,550              | 54,814             | 74,972             | 129,786            | 29  |
| 17,285         | 24,762,412         | 19,108            | 28,978,386          | 47,287,177         | 90,827,917         | 138,115,094        | 30  |
| 8,600          | 10,909,864         | 9,147             | 12,469,423          | 21,991,924         | 49,211,679         | 71,203,603         | 31  |

## 7.—Statistics of the Numbers, Capital, Employees, Wages, Cost of Materials

(New)

| No.   | Groups and Kinds of Industries.                          | Establishments. | Capital.    | Salaried Employees. |           |
|-------|--|-----------------|-------------|---------------------|-----------|
|       |  |                 |             | No.                 | \$        |
| 1920. |  |                 |             |                     |           |
| 4.    | <b>Wood and paper—concluded.</b>                         |                 |             |                     |           |
| 32    | Pumps, wooden.....                                       | 37              | 523,575     | 10                  | 12,817    |
| 33    | Saw, lath and shingle mills.....                         | 3,481           | 199,651,576 | 2,829               | 5,098,912 |
| 34    | Show cases and store fixtures.....                       | 20              | 1,415,966   | 65                  | 157,414   |
| 35    | Spinning wheels.....                                     | 4               | 11,675      | —                   | —         |
| 36    | Stationery and envelopes.....                            | 17              | 4,056,501   | 282                 | 507,678   |
| 37    | Stereotyping and electrotyping.....                      | 11              | 333,885     | 54                  | 97,604    |
| 38    | Wall board, building paper and composition roofing.....  | 15              | 7,585,539   | 231                 | 457,123   |
| 39    | Wall paper.....  | 4               | 2,694,192   | 169                 | 556,007   |
| 40    | Waxed and oiled paper.....                               | 7               | 1,293,343   | 81                  | 163,022   |
| 41    | Wickerware.....  | 8               | 56,653      | 4                   | 4,850     |
| 42    | Wooden piping.....                                       | 4               | 429,661     | 12                  | 44,727    |
| 43    | Woodenware.....  | 16              | 1,434,584   | 41                  | 88,403    |
| 44    | Wood preserving.....                                     | 3               | 1,108,254   | 15                  | 27,278    |
| 45    | Wood products, n.e.s.....                                | 8               | 697,261     | 41                  | 69,621    |
| 46    | Wood working, sash and door factories.....               | 810             | 44,138,873  | 1,247               | 2,062,735 |
| 5.    | <b>Iron and steel products.</b>                          | 1,690           | 642,904,322 | 14                  | 873       |
| 1     | Agricultural implements.....                             | 80              | 101,107,516 | 1,468               | 2,435,342 |
| 2     | Automobiles.....   | 17              | 53,906,506  | 1,089               | 2,642,427 |
| 3     | Automobiles, parts and accessories.....                  | 62              | 15,332,887  | 338                 | 1,022,847 |
| 4     | Bedsteads, metal.....                                    | 6               | 2,014,626   | 76                  | 145,799   |
| 5     | Bicycles and motorcycles.....                            | 5               | 3,013,035   | 39                  | 58,200    |
| 6     | Boilers and tanks.....                                   | 28              | 5,177,905   | 177                 | 374,936   |
| 7     | Bolts, nuts, rivets and washers.....                     | 11              | 5,051,607   | 107                 | 194,425   |
| 8     | Brakes and brake shoes.....                              | 3               | 334,871     | 6                   | 12,664    |
| 9     | Builders' hardware.....                                  | 60              | 3,577,459   | 130                 | 235,913   |
| 10    | Calculating machines.....                                | 7               | 4,786,249   | 147                 | 239,546   |
| 11    | Castors.....   | 3               | 152,402     | 8                   | 9,280     |
| 12    | Chains.....  | 5               | 2,782,081   | 104                 | 174,042   |
| 13    | Cream separators and milking machines.....               | 8               | 6,672,750   | 180                 | 511,435   |
| 14    | Custom repair, machine shops and foundries combined..... | 224             | 26,668,402  | 902                 | 1,676,890 |
| 15    | Custom and repair machine shops.....                     | 216             | 4,091,479   | 188                 | 308,565   |
| 16    | Dress fasteners (metal).....                             | 7               | 431,988     | 24                  | 43,053    |
| 17    | Drop and other forgings.....                             | 9               | 5,417,213   | 113                 | 233,594   |
| 18    | Dies and taps.....                                       | 13              | 3,193,176   | 107                 | 131,045   |
| 19    | Edge tools and cutlery.....                              | 31              | 14,082,622  | 272                 | 490,612   |
| 20    | Electric railway cars.....                               | 58              | —           | 166                 | 286,785   |
| 21    | Elevators.....   | 6               | 2,318,120   | 90                  | 201,008   |
| 22    | Engines and locomotives.....                             | 27              | 27,484,647  | 408                 | 833,764   |
| 23    | Graniteware and tinware.....                             | 20              | 12,662,369  | 346                 | 613,247   |
| 24    | Industrial machinery.....                                | 116             | 36,757,166  | 1,270               | 2,355,785 |
| 25    | Iron castings, miscellaneous.....                        | 54              | 9,083,634   | 263                 | 592,800   |
| 26    | Iron pipes and fittings.....                             | 22              | 15,019,275  | 226                 | 509,412   |
| 27    | Iron work, ornamental and architectural.....             | 24              | 1,662,823   | 106                 | 211,624   |
| 28    | Metallic roofing, siding and flooring.....               | 10              | 436,017     | 25                  | 37,897    |
| 29    | Needles and pins.....                                    | 4               | 485,485     | 20                  | 52,006    |
| 30    | Oxy acetylene welding.....                               | 40              | 232,937     | 33                  | 54,866    |
| 31    | Pig iron and ferro-alloys.....                           | 9               | 29,128,967  | 75                  | 197,127   |
| 32    | Pumps and windmills.....                                 | 11              | 3,088,447   | 70                  | 100,649   |
| 33    | Radiators.....   | 10              | 8,857,457   | 269                 | 518,781   |
| 34    | Railway car repairs.....                                 | 157             | —           | 1,608               | 3,355,483 |
| 35    | Railway track equipment.....                             | 3               | 2,135,326   | 64                  | 117,673   |
| 36    | Rolling mills and steel furnaces.....                    | 41              | 90,632,751  | 855                 | 1,898,956 |
| 37    | Safes and steel boxes.....                               | 3               | 831,024     | 53                  | 99,056    |
| 38    | Saws.....  | 12              | 2,744,474   | 113                 | 187,331   |
| 39    | Scales.....  | 12              | 1,587,202   | 65                  | 119,630   |
| 40    | Screws.....  | 5               | 3,053,686   | 68                  | 123,712   |
| 41    | Sewing machines.....                                     | 3               | 3,718,657   | 112                 | 165,088   |
| 42    | Sheet metal products, n.e.s.....                         | 85              | 14,059,361  | 565                 | 991,795   |
| 43    | Skates.....  | 4               | 59,356      | 6                   | 6,956     |
| 44    | Steam railway cars.....                                  | 11              | 61,883,898  | 921                 | 1,798,153 |
| 45    | Steam railway car wheels and parts.....                  | 7               | 4,733,097   | 81                  | 193,577   |
| 46    | Stoves and furnaces.....                                 | 42              | 19,773,222  | 640                 | 1,035,633 |
| 47    | Structural iron and steel, n.e.s.....                    | 19              | 5,712,070   | 237                 | 470,777   |
| 48    | Tools and implements.....                                | 18              | 4,979,318   | 121                 | 266,611   |
| 49    | Ventilating systems.....                                 | 3               | 279,665     | 10                  | 22,228    |
| 50    | Washing machines and wringers.....                       | 10              | 2,337,208   | 97                  | 141,961   |
| 51    | Wire fencing.....  | 8               | 2,963,775   | 105                 | 218,044   |
| 52    | Wire goods.....  | 17              | 470,257     | 38                  | 47,832    |

**and Value of Products of Canadian Manufacturing Industries, 1920—continued.**  
 Classification.)

| Wage Earners.  |                    | Total Employment. |                     | Cost of Materials. | Value of Products. |                    | No. |
|----------------|--------------------|-------------------|---------------------|--------------------|--------------------|--------------------|-----|
| Number.        | Wages.             | Number.           | Salaries and Wages. |                    | Net.               | Gross.             |     |
|                | \$                 |                   | \$                  | \$                 | \$                 | \$                 |     |
| 73             | 77,527             | 83                | 90,344              | 75,077             | 185,654            | 260,731            | 32  |
| 38,329         | 39,629,763         | 41,158            | 44,728,675          | 103,077,980        | 104,085,597        | 207,163,577        | 33  |
| 319            | 408,510            | 384               | 565,924             | 758,194            | 1,254,142          | 2,012,336          | 34  |
| 3              | 2,270              | 3                 | 2,270               | 1,954              | 9,846              | 11,800             | 35  |
| 1,078          | 875,492            | 1,360             | 1,383,170           | 3,914,010          | 3,131,890          | 7,045,900          | 36  |
| 129            | 183,580            | 183               | 281,184             | 114,488            | 568,874            | 683,362            | 37  |
| 659            | 952,104            | 890               | 1,409,227           | 6,559,887          | 4,408,929          | 10,968,816         | 38  |
| 516            | 423,942            | 635               | 979,949             | 1,399,648          | 2,337,637          | 3,737,285          | 39  |
| 179            | 194,758            | 260               | 357,780             | 1,272,524          | 843,387            | 2,115,911          | 40  |
| 39             | 34,829             | 43                | 39,679              | 42,912             | 123,581            | 166,493            | 41  |
| 83             | 114,354            | 95                | 159,081             | 589,096            | 297,179            | 886,275            | 42  |
| 592            | 546,715            | 633               | 635,118             | 658,422            | 1,084,077          | 1,742,499          | 43  |
| 59             | 60,949             | 74                | 88,227              | 417,140            | 164,059            | 581,199            | 44  |
| 160            | 125,814            | 201               | 195,435             | 323,811            | 372,443            | 696,254            | 45  |
| 9,938          | 9,772,504          | 11,185            | 11,835,239          | 29,624,883         | 23,740,773         | 53,365,656         | 46  |
| <b>131,331</b> | <b>176,152,516</b> | <b>146,204</b>    | <b>205,414,599</b>  | <b>349,642,666</b> | <b>365,473,097</b> | <b>715,115,763</b> |     |
| 10,023         | 12,517,828         | 11,491            | 14,953,170          | 20,474,379         | 23,599,468         | 44,073,847         | 1   |
| 7,192          | 10,688,657         | 8,281             | 13,331,084          | 67,157,045         | 34,308,801         | 101,465,846        | 2   |
| 2,764          | 3,747,149          | 3,102             | 4,769,996           | 10,603,632         | 8,758,250          | 19,361,882         | 3   |
| 390            | 438,586            | 466               | 584,385             | 1,325,829          | 1,219,586          | 2,545,415          | 4   |
| 499            | 611,933            | 538               | 670,133             | 1,079,463          | 1,241,015          | 2,320,478          | 5   |
| 1,097          | 1,557,781          | 1,274             | 1,932,717           | 2,086,953          | 3,178,960          | 5,265,913          | 6   |
| 1,223          | 1,292,532          | 1,330             | 1,486,957           | 3,039,173          | 4,362,033          | 7,401,206          | 7   |
| 57             | 61,992             | 63                | 74,656              | 350,966            | 160,285            | 511,251            | 8   |
| 1,189          | 1,231,433          | 1,319             | 1,467,346           | 1,412,993          | 2,777,816          | 4,190,809          | 9   |
| 337            | 432,490            | 484               | 672,036             | 1,171,675          | 4,318,988          | 5,490,663          | 10  |
| 32             | 25,914             | 40                | 35,194              | 46,196             | 54,647             | 100,843            | 11  |
| 423            | 502,553            | 527               | 676,595             | 1,009,931          | 1,363,947          | 2,373,878          | 12  |
| 487            | 672,615            | 667               | 1,184,590           | 919,442            | 2,410,589          | 3,330,031          | 13  |
| 6,522          | 8,440,787          | 7,424             | 10,117,677          | 8,625,382          | 15,347,168         | 23,972,550         | 14  |
| 1,045          | 1,365,005          | 1,233             | 1,673,570           | 982,353            | 2,834,006          | 3,816,359          | 15  |
| 94             | 78,221             | 118               | 121,274             | 210,105            | 255,741            | 465,846            | 16  |
| 793            | 1,110,581          | 906               | 1,344,175           | 1,992,378          | 2,817,746          | 4,810,124          | 17  |
| 463            | 510,484            | 570               | 641,529             | 363,012            | 1,054,552          | 1,417,564          | 18  |
| 1,268          | 1,360,804          | 1,540             | 1,851,416           | 1,614,010          | 4,618,113          | 6,232,123          | 19  |
| 2,123          | 2,712,990          | 2,289             | 2,999,775           | 1,661,931          | 2,999,775          | 4,661,706          | 20  |
| 395            | 565,005            | 485               | 766,013             | 978,603            | 832,178            | 1,810,781          | 21  |
| 2,979          | 4,346,571          | 3,387             | 5,180,335           | 7,804,879          | 9,544,159          | 17,349,038         | 22  |
| 3,228          | 3,405,839          | 3,574             | 4,019,086           | 8,718,777          | 7,641,946          | 16,360,723         | 23  |
| 6,582          | 8,515,804          | 7,852             | 10,871,589          | 8,639,090          | 17,741,194         | 26,380,284         | 24  |
| 3,579          | 5,153,095          | 3,842             | 5,745,895           | 3,951,629          | 8,003,502          | 11,955,131         | 25  |
| 2,687          | 3,221,016          | 2,913             | 3,730,428           | 12,937,918         | 9,059,921          | 21,997,839         | 26  |
| 508            | 663,043            | 614               | 874,667             | 994,698            | 1,400,021          | 2,394,719          | 27  |
| 92             | 108,981            | 117               | 146,878             | 467,404            | 251,617            | 719,021            | 28  |
| 322            | 227,310            | 342               | 279,316             | 187,925            | 540,412            | 728,337            | 29  |
| 74             | 111,724            | 107               | 166,590             | 64,504             | 375,312            | 439,816            | 30  |
| 1,165          | 2,214,700          | 1,240             | 2,411,827           | 22,136,141         | 7,157,983          | 29,294,124         | 31  |
| 611            | 704,118            | 681               | 804,767             | 1,194,569          | 1,702,855          | 2,897,424          | 32  |
| 1,662          | 2,164,626          | 1,931             | 2,683,407           | 2,079,427          | 5,361,751          | 7,441,178          | 33  |
| 26,547         | 40,554,394         | 28,155            | 43,909,877          | 26,682,339         | 43,886,574         | 70,568,913         | 34  |
| 399            | 509,260            | 463               | 626,933             | 764,121            | 1,036,016          | 1,800,137          | 35  |
| 11,779         | 18,513,747         | 12,634            | 20,412,703          | 52,887,347         | 56,701,352         | 109,588,699        | 36  |
| 413            | 393,207            | 466               | 492,263             | 363,649            | 1,312,298          | 1,680,947          | 37  |
| 399            | 476,057            | 512               | 663,388             | 639,646            | 1,543,594          | 2,183,240          | 38  |
| 382            | 474,630            | 447               | 594,260             | 386,401            | 1,164,241          | 1,550,642          | 39  |
| 682            | 814,831            | 750               | 938,543             | 1,071,372          | 1,440,338          | 2,511,710          | 40  |
| 1,143          | 1,115,529          | 1,255             | 1,280,617           | 1,316,546          | 1,620,527          | 2,937,073          | 41  |
| 2,951          | 3,216,805          | 3,516             | 4,208,600           | 10,864,534         | 8,959,452          | 19,823,986         | 42  |
| 24             | 25,185             | 30                | 32,141              | 19,966             | 59,080             | 79,046             | 43  |
| 13,801         | 17,638,445         | 14,722            | 19,436,598          | 28,736,470         | 24,576,790         | 53,313,260         | 44  |
| 863            | 1,133,885          | 944               | 1,327,462           | 3,922,316          | 2,612,693          | 6,535,009          | 45  |
| 3,978          | 4,415,047          | 4,618             | 5,450,680           | 5,597,706          | 9,701,903          | 15,299,609         | 46  |
| 801            | 1,052,069          | 1,038             | 1,522,846           | 2,835,170          | 3,062,297          | 5,897,467          | 47  |
| 978            | 159,023            | 1,099             | 425,634             | 1,654,796          | 2,492,777          | 4,147,573          | 48  |
| 68             | 70,283             | 78                | 92,511              | 90,498             | 294,395            | 384,893            | 49  |
| 425            | 445,457            | 522               | 587,418             | 1,059,503          | 1,029,089          | 2,088,592          | 50  |
| 423            | 659,286            | 528               | 877,330             | 3,111,167          | 1,303,785          | 4,414,952          | 51  |
| 128            | 106,372            | 166               | 154,204             | 354,383            | 324,026            | 678,409            | 52  |

**7.—Statistics of the Numbers, Capital, Employees, Wages, Cost of Materials  
(New)**

| No. | Groups and Kinds of Industries.                                | Establishments. | Capital.    | Salaried Employees. |           |
|-----|--|-----------------|-------------|---------------------|-----------|
|     |  |                 |             | Number.             | Salaries. |
|     | 1920.  | No.             | \$          |                     | \$        |
| 53  | 5. Iron and steel products—concluded.                          | 20              | 14,904,988  | 250                 | 445,585   |
| 54  | Wire, wire rope and netting.....                               | 4               | 1,032,869   | 22                  | 49,636    |
|     | All other industries.....                                      |                 |             |                     |           |
|     | 6. Non-ferrous metals and their products.....                  | 324             | 109,382,033 | 4,309               | 7,227,211 |
| 1   | Aluminum ware.....   | 8               | 8,579,197   | 184                 | 332,715   |
| 2   | Brass foundry products.....                                    | 40              | 13,265,519  | 385                 | 673,407   |
| 3   | Brass and copper, n.e.s.....                                   | 28              | 5,753,071   | 230                 | 347,935   |
| 4   | Clocks, watches and movements.....                             | 3               | 593,131     | 41                  | 62,837    |
| 5   | Dental gold and alloys.....                                    | 8               | 288,600     | 21                  | 38,715    |
| 6   | Electrical apparatus and supplies.....                         | 96              | 68,319,262  | 2,778               | 4,608,150 |
| 7   | Electroplating.....  | 22              | 674,635     | 43                  | 97,713    |
| 8   | Gold and silver goods, n.e.s.....                              | 4               | 1,159,168   | 30                  | 61,789    |
| 9   | Jewellery manufacture.....                                     | 58              | 3,361,588   | 199                 | 305,827   |
| 10  | Lead pipe and sheet lead.....                                  | 3               | 678,555     | 29                  | 59,558    |
| 11  | Lightning rods.....  | 10              | 491,040     | 59                  | 81,611    |
| 12  | Metal lamps and lanterns.....                                  | 5               | 260,082     | 29                  | 57,041    |
| 13  | Metal weather stripping.....                                   | 11              | 134,014     | 10                  | 16,773    |
| 14  | Silverware and silver plated ware.....                         | 10              | 2,484,941   | 93                  | 234,259   |
| 15  | Vacuum cleaners.....   | 3               | 680,746     | 25                  | 42,281    |
| 16  | White metal.....   | 13              | 2,407,814   | 146                 | 199,454   |
| 17  | All other industries.....                                      | 2               | 250,670     | 7                   | 7,146     |
|     | 7. Non-metallic mineral products.....                          | 866             | 143,681,810 | 2,562               | 4,136,749 |
| 1   | Asbestos packing and pipe covering.....                        | 7               | 332,386     | 13                  | 23,852    |
| 2   | Asbestos products, n.e.s.....                                  | 4               | 847,715     | 20                  | 43,250    |
| 3   | Coke <sup>1</sup> .....  | 7               | 19,524,641  | 57                  | 119,074   |
| 4   | Gas, illuminating, and fuel.....                               | 52              | 35,386,691  | 726                 | 827,564   |
| 5   | Plate glass, cut glass, stained and ornamental glass, etc..... | 41              | 2,053,851   | 122                 | 200,172   |
| 6   | Pressed and blown glass and window glass.....                  | 11              | 11,003,332  | 149                 | 319,095   |
| 7   | Spectacle lenses and spectacles.....                           | 72              | 1,508,749   | 97                  | 163,626   |
| 8   | Graphite products.....   | 4               | 1,011,315   | 30                  | 33,611    |
| 9   | Lubricating oils.....  | 10              | 2,611,678   | 75                  | 163,277   |
| 10  | Petroleum refining.....  | 9               | 50,098,209  | 405                 | 809,675   |
| 11  | Stone and stone products.....                                  | 176             | 4,181,670   | 173                 | 254,873   |
| 12  | Concrete blocks and artificial stone.....                      | 93              | 1,358,712   | 42                  | 59,952    |
| 13  | Plaster gypsum.....  | 6               | 2,244,545   | 31                  | 88,218    |
| 14  | Plaster castings and models.....                               | 5               | 200,289     | 10                  | 22,712    |
| 15  | Sand-lime brick.....   | 11              | 1,295,486   | 17                  | 37,749    |
| 16  | Abrasive products.....   | 7               | 1,375,157   | 31                  | 56,209    |
| 17  | Mica.....  | 21              | 387,570     | 46                  | 39,600    |
| 18  | Aerated water.....   | 330             | 8,259,814   | 518                 | 774,240   |
|     | 8. Chemicals and allied products.....                          | 464             | 122,123,730 | 3,714               | 7,241,630 |
| 1   | Abrasives, artificial.....                                     | 6               | 4,471,881   | 69                  | 145,046   |
| 2   | Adhesives.....   | 17              | 2,233,364   | 72                  | 127,618   |
| 3   | Ammunition.....  | 4               | 4,476,619   | 57                  | 101,563   |
| 4   | Baking powder.....   | 9               | 1,083,800   | 128                 | 188,846   |
| 5   | Boiler compounds.....  | 6               | 227,277     | 17                  | 34,037    |
| 6   | Celluloid and celluloid products.....                          | 8               | 3,282,833   | 34                  | 85,896    |
| 7   | Chemicals, industrial and fine.....                            | 25              | 28,439,339  | 375                 | 737,734   |
| 8   | Chemical products, n.e.s.....                                  | 5               | 160,064     | 14                  | 10,679    |
| 9   | Coal tar distillation.....                                     | 4               | 1,272,153   | 18                  | 38,750    |
| 10  | Disinfectants.....   | 7               | 112,859     | 10                  | 13,668    |
| 11  | Dyes and colours.....  | 6               | 412,878     | 35                  | 76,328    |
| 12  | Explosives.....  | 8               | 7,210,422   | 102                 | 234,860   |
| 13  | Fertilizers.....   | 16              | 3,839,923   | 93                  | 137,940   |
| 14  | Fireworks.....   | 5               | 217,111     | 11                  | 35,316    |
| 15  | Flavouring extracts.....                                       | 22              | 1,756,080   | 121                 | 212,051   |
| 16  | Gases, compressed.....   | 25              | 4,033,677   | 183                 | 281,710   |
| 17  | Insect powder.....   | 7               | 87,443      | 8                   | 15,521    |
| 18  | Inks (printers' and rollers).....                              | 12              | 1,267,429   | 76                  | 222,789   |
| 19  | Inks, writing.....   | 7               | 251,398     | 22                  | 41,747    |
| 20  | Matches.....   | 4               | 2,785,356   | 27                  | 57,568    |
| 21  | Paints, pigments and varnishes.....                            | 48              | 20,320,851  | 752                 | 1,737,154 |
| 22  | Patent medicines.....  | 100             | 12,191,155  | 843                 | 1,493,296 |
| 23  | Perfumes and toilet preparations.....                          | 20              | 1,222,603   | 116                 | 236,812   |
| 24  | Polishes and dressing.....                                     | 32              | 1,444,963   | 114                 | 202,462   |
| 25  | Soap.....  | 26              | 14,858,770  | 337                 | 629,528   |

<sup>1</sup>Includes one firm manufacturing fuel.

**and Value of Products of Canadian Manufacturing Industries, 1920—continued.**  
 Classification.)

| Wage Earners. |                   | Total Employment. |                     | Cost of Materials. | Value of Products. |                    | No. |
|---------------|-------------------|-------------------|---------------------|--------------------|--------------------|--------------------|-----|
| Number.       | Wages.            | Number.           | Salaries and Wages. |                    | Net.               | Gross.             |     |
|               | \$                |                   | \$                  | \$                 | \$                 | \$                 |     |
| 2,869         | 3,254,598         | 3,119             | 3,700,183           | 10,753,788         | 14,407,200         | 25,160,988         | 53  |
| 373           | 362,239           | 395               | 411,875             | 243,536            | 650,333            | 893,869            | 54  |
| <b>18,853</b> | <b>20,668,132</b> | <b>23,162</b>     | <b>27,895,343</b>   | <b>48,434,120</b>  | <b>52,847,178</b>  | <b>101,281,298</b> |     |
| 936           | 1,180,670         | 1,120             | 1,513,385           | 3,164,751          | 6,280,863          | 9,445,614          | 1   |
| 2,312         | 2,769,097         | 2,697             | 3,442,504           | 7,658,644          | 5,984,394          | 13,643,038         | 2   |
| 1,435         | 1,514,832         | 1,665             | 1,862,767           | 1,894,903          | 3,323,475          | 5,218,378          | 3   |
| 96            | 78,827            | 137               | 141,664             | 347,212            | 319,895            | 667,107            | 4   |
| 45            | 47,560            | 66                | 86,275              | 730,535            | 188,995            | 919,530            | 5   |
| 11,189        | 11,786,217        | 13,967            | 16,394,367          | 26,812,829         | 28,308,135         | 55,120,964         | 6   |
| 212           | 283,812           | 255               | 381,525             | 180,590            | 679,744            | 860,334            | 7   |
| 228           | 242,292           | 258               | 304,081             | 622,423            | 645,966            | 1,268,389          | 8   |
| 1,114         | 1,216,736         | 1,313             | 1,522,563           | 2,097,032          | 2,609,406          | 4,706,438          | 9   |
| 112           | 141,527           | 141               | 201,085             | 455,135            | 376,463            | 831,598            | 10  |
| 38            | 45,255            | 97                | 126,866             | 328,566            | 317,568            | 646,134            | 11  |
| 178           | 166,328           | 207               | 223,369             | 197,681            | 345,557            | 543,238            | 12  |
| 29            | 34,128            | 39                | 50,901              | 62,618             | 102,924            | 165,542            | 13  |
| 594           | 766,680           | 687               | 1,000,939           | 1,027,130          | 1,630,365          | 2,657,495          | 14  |
| 123           | 150,396           | 148               | 192,677             | 408,032            | 436,900            | 844,932            | 15  |
| 189           | 218,437           | 335               | 417,891             | 2,387,082          | 1,232,839          | 3,619,921          | 16  |
| 23            | 25,338            | 30                | 32,484              | 58,957             | 63,689             | 122,646            | 17  |
| <b>16,208</b> | <b>19,546,943</b> | <b>18,770</b>     | <b>23,683,692</b>   | <b>74,200,407</b>  | <b>54,405,062</b>  | <b>128,605,469</b> |     |
| 49            | 59,701            | 62                | 83,553              | 166,721            | 182,041            | 348,762            | 1   |
| 119           | 121,411           | 139               | 164,661             | 265,629            | 325,681            | 591,310            | 2   |
| 836           | 1,613,102         | 893               | 1,732,176           | 11,284,409         | 4,418,634          | 15,703,043         | 3   |
| 2,388         | 2,851,671         | 3,114             | 3,679,235           | 9,852,388          | 5,858,084          | 15,710,472         | 4   |
| 578           | 585,839           | 700               | 786,011             | 1,336,131          | 1,449,207          | 2,785,338          | 6   |
| 3,187         | 3,762,414         | 3,336             | 4,081,509           | 3,268,403          | 7,741,949          | 11,010,352         | 7   |
| 590           | 435,159           | 687               | 598,785             | 595,284            | 1,048,862          | 1,644,146          | 8   |
| 154           | 225,595           | 184               | 259,206             | 200,457            | 802,928            | 1,003,385          | 9   |
| 75            | 91,226            | 150               | 254,503             | 1,321,606          | 576,166            | 1,897,772          | 10  |
| 3,598         | 5,487,648         | 4,003             | 6,297,323           | 37,847,086         | 19,828,590         | 57,675,676         | 11  |
| 1,006         | 1,333,369         | 1,179             | 1,688,242           | 1,781,031          | 3,424,855          | 5,205,886          | 12  |
| 344           | 414,160           | 386               | 474,112             | 596,352            | 931,238            | 1,527,590          | 13  |
| 473           | 552,915           | 504               | 641,133             | 591,140            | 1,270,162          | 1,861,302          | 14  |
| 47            | 80,252            | 57                | 102,964             | 39,623             | 141,257            | 180,880            | 15  |
| 177           | 229,524           | 194               | 267,273             | 124,365            | 569,276            | 693,641            | 16  |
| 128           | 152,925           | 159               | 209,134             | 204,974            | 294,695            | 499,669            | 17  |
| 1,116         | 269,613           | 1,162             | 309,213             | 380,959            | 530,593            | 911,552            | 18  |
| 1,343         | 1,280,419         | 1,861             | 2,054,659           | 4,843,849          | 5,010,844          | 9,354,693          | 19  |
| <b>13,939</b> | <b>14,951,791</b> | <b>17,653</b>     | <b>22,193,421</b>   | <b>62,644,608</b>  | <b>65,183,212</b>  | <b>127,827,820</b> |     |
| 563           | 895,746           | 632               | 1,040,792           | 1,531,741          | 2,563,674          | 4,095,415          | 1   |
| 341           | 352,855           | 413               | 480,473             | 1,070,493          | 1,131,566          | 2,202,059          | 2   |
| 957           | 899,863           | 1,014             | 1,001,426           | 1,359,119          | 1,514,569          | 2,873,688          | 3   |
| 290           | 248,161           | 418               | 437,007             | 1,303,805          | 1,298,577          | 2,602,382          | 4   |
| 11            | 11,075            | 28                | 45,112              | 90,868             | 162,815            | 253,683            | 5   |
| 342           | 371,393           | 376               | 457,289             | 2,575,947          | 670,687            | 3,246,634          | 6   |
| 2,657         | 4,037,121         | 3,032             | 4,774,855           | 4,448,870          | 12,287,198         | 16,736,068         | 7   |
| 15            | 14,722            | 29                | 25,401              | 127,366            | 58,873             | 186,239            | 8   |
| 111           | 144,088           | 129               | 182,838             | 482,627            | 1,335,204          | 1,817,831          | 9   |
| 21            | 20,408            | 31                | 34,076              | 132,736            | 84,467             | 217,203            | 10  |
| 75            | 45,836            | 110               | 122,164             | 374,961            | 385,878            | 760,839            | 11  |
| 689           | 961,356           | 791               | 1,196,216           | 2,941,383          | 3,869,524          | 6,810,907          | 12  |
| 309           | 299,498           | 402               | 437,438             | 2,388,818          | 1,399,209          | 3,788,027          | 13  |
| 59            | 33,539            | 70                | 68,855              | 155,658            | 164,465            | 320,123            | 14  |
| 197           | 148,278           | 318               | 360,329             | 1,420,445          | 793,050            | 2,213,495          | 15  |
| 263           | 387,410           | 446               | 669,120             | 363,664            | 1,629,477          | 1,993,141          | 16  |
| 14            | 10,656            | 22                | 26,177              | 80,420             | 60,281             | 140,701            | 17  |
| 152           | 190,231           | 228               | 413,020             | 1,068,795          | 1,075,888          | 2,144,683          | 18  |
| 52            | 36,153            | 74                | 77,900              | 200,235            | 182,907            | 383,142            | 19  |
| 729           | 534,347           | 756               | 591,915             | 1,315,532          | 4,140,347          | 5,455,879          | 20  |
| 1,814         | 1,693,910         | 2,566             | 3,431,064           | 15,918,557         | 11,020,919         | 26,939,476         | 21  |
| 1,995         | 1,471,526         | 2,838             | 2,964,822           | 7,029,594          | 8,698,630          | 15,728,224         | 22  |
| 314           | 176,356           | 430               | 413,168             | 963,497            | 1,114,316          | 2,077,813          | 23  |
| 195           | 147,835           | 309               | 350,297             | 1,130,377          | 875,593            | 2,005,970          | 24  |
| 1,145         | 1,135,789         | 1,482             | 1,765,317           | 11,831,566         | 5,579,260          | 17,410,826         | 25  |

**7.—Statistics of the Numbers, Capital, Employees, Wages, Cost of Materials**  
(New)

| No.               | Groups and Kinds of Industries.                   | Establishments. | Capital.             | Salaried Employees. |                    |
|-------------------|---|-----------------|----------------------|---------------------|--------------------|
|                   |   |                 |                      | Number.             | Salaries.          |
| 1920.             |   |                 |                      |                     |                    |
| 8.                | <b>Chemicals and allied products—con.</b>         | No.             | \$                   |                     | \$                 |
| 26                | Sweeping compounds.....                           | 6               | 58,842               | 12                  | 26,433             |
| 27                | Washing compounds.....                            | 12              | 157,543              | 22                  | 42,500             |
| 28                | Wood distillation.....                            | 13              | 4,005,022            | 42                  | 69,814             |
| 29                | Wood extracts.....                                | 4               | 242,075              | 4                   | 3,964              |
| 9.                | <b>Miscellaneous industries.....</b>              | 2,052           | 503,382,290          | 6,859               | 10,305,771         |
| 1                 | Advertising and other novelties.....              | 4               | 44,234               | 3                   | 3,380              |
| 2                 | Artificial flowers and feathers.....              | 7               | 285,971              | 57                  | 56,331             |
| 3                 | Artificial limbs and trusses.....                 | 18              | 913,164              | 79                  | 130,515            |
| 4                 | Billiard tables and supplies.....                 | 4               | 1,372,344            | 17                  | 26,367             |
| 5                 | Brooms and brushes.....                           | 78              | 3,780,252            | 208                 | 389,630            |
| 6                 | Buttons.....                                      | 20              | 1,520,784            | 70                  | 162,162            |
| 7                 | Candles and tapers.....                           | 8               | 149,792              | 4                   | 6,000              |
| 8                 | Dental and surgical equipment.....                | 3               | 170,972              | 2                   | 4,083              |
| 9                 | Electric light and power.....                     | 819             | 448,273,642          | 4,681               | 6,429,999          |
| 10                | Ice, artificial.....                              | 16              | 1,823,450            | 48                  | 71,992             |
| 11                | Jewellery cases and silverware cabinets.....      | 6               | 220,124              | 23                  | 39,404             |
| 12                | Mattresses and springs.....                       | 55              | 4,823,549            | 195                 | 417,838            |
| 13                | Moving picture films.....                         | 3               | 98,244               | 17                  | 21,222             |
| 14                | Mops.....   | 4               | 104,222              | 7                   | 8,347              |
| 15                | Musical instruments.....                          | 43              | 11,974,043           | 182                 | 368,476            |
| 16                | Phonographs.....                                  | 24              | 3,537,885            | 132                 | 214,579            |
| 17                | Photography.....                                  | 595             | 2,375,866            | 109                 | 194,433            |
| 18                | Piano and organ actions and parts.....            | 10              | 1,962,788            | 38                  | 95,855             |
| 19                | Picture frames.....                               | 72              | 1,245,291            | 87                  | 164,222            |
| 20                | Pipes, tobacco.....                               | 6               | 59,454               | 5                   | 7,407              |
| 21                | Refrigerators.....                                | 14              | 2,850,420            | 84                  | 134,831            |
| 22                | Regalias and society emblems.....                 | 7               | 136,476              | 16                  | 20,432             |
| 23                | Roofing and roofing materials.....                | 26              | 388,641              | 28                  | 62,766             |
| 24                | Rubber stencils and steel stamps.....             | 26              | 468,223              | 63                  | 92,014             |
| 25                | Scientific and professional equipment.....        | 6               | 7,000,809            | 184                 | 285,174            |
| 26                | Signs.....  | 99              | 1,196,004            | 127                 | 253,290            |
| 27                | Sporting and athletic goods.....                  | 15              | 608,691              | 24                  | 32,626             |
| 28                | Statuary and art goods.....                       | 6               | 167,968              | 16                  | 19,858             |
| 29                | Store and display forms.....                      | 4               | 165,144              | 23                  | 35,456             |
| 30                | Toys and games.....                               | 17              | 454,520              | 45                  | 74,455             |
| 31                | Trunks and valises.....                           | 13              | 2,459,046            | 101                 | 214,864            |
| 32                | Typewriter supplies.....                          | 4               | 467,310              | 20                  | 49,222             |
| 33                | Umbrellas and parasols.....                       | 6               | 554,743              | 22                  | 49,600             |
| 34                | Watch cases.....                                  | 3               | 15,345               | 4                   | 2,554              |
| 35                | All other industries.....                         | 11              | 1,712,879            | 144                 | 166,337            |
| 10.               | <b>Construction, hand trades and repairs.....</b> | 16,353          | 209,866,698          | 7,418               | 12,954,218         |
| 1                 | ✓Automobile repairs.....                          | 2,503           | 19,943,913           | 340                 | 444,351            |
| 2                 | ✓Bicycle repairs.....                             | 163             | 528,853              | 6                   | 5,191              |
| 3                 | ✓Blacksmithing.....                               | 4,445           | 10,634,302           | 30                  | 29,169             |
| 4                 | ✓Boot and shoe repairs.....                       | 1,575           | 2,305,613            | 25                  | 36,765             |
| 5                 | Bridges, iron and steel.....                      | 17              | 20,584,074           | 687                 | 1,442,770          |
| 6                 | ✓Dyeing, cleaning and laundry work.....           | 375             | 9,148,318            | 654                 | 998,613            |
| 7                 | Electrical contracts and repairs.....             | 284             | 2,449,097            | 229                 | 338,312            |
| 8                 | Elevator repairs.....                             | 14              | 856,448              | 77                  | 134,451            |
| 9                 | Harness and saddlery repairs.....                 | 895             | 3,341,132            | 26                  | 26,313             |
| 10                | ✓House-building and construction.....             | 1,548           | 47,694,574           | 2,435               | 4,703,015          |
| 11                | Jewellery-repairs.....                            | 1,193           | 4,122,174            | 99                  | 167,407            |
| 12                | Lock, gunsmithing and other repairs.....          | 42              | 130,472              | 9                   | 13,232             |
| 13                | Painting and glazing.....                         | 1,058           | 4,416,604            | 246                 | 360,894            |
| 14                | Plumbing and tinsmithing.....                     | 2,159           | 20,828,185           | 1,321               | 1,818,878          |
| 15                | Shipbuilding and repairs.....                     | 82              | 62,882,939           | 1,234               | 2,434,947          |
| 1921.             |   |                 |                      |                     |                    |
| 1                 | Vegetable products.....                           | 3,958           | 362,665,357          | 10,510              | 18,689,312         |
| 2                 | Animal products.....                              | 5,051           | 200,697,527          | 10,354              | 15,722,980         |
| 3                 | Textiles and textile products.....                | 4,046           | 264,118,883          | 7,531               | 15,458,517         |
| 4                 | Wood and paper.....                               | 7,152           | 775,207,859          | 16,571              | 31,976,579         |
| 5                 | Iron and its products.....                        | 1,138           | 575,680,424          | 11,843              | 22,965,454         |
| 6                 | Non-ferrous metals and products.....              | 334             | 104,079,490          | 4,101               | 7,526,846          |
| 7                 | Non-metallic mineral products.....                | 764             | 126,989,134          | 2,227               | 3,858,940          |
| 8                 | Chemicals and allied products.....                | 468             | 118,382,642          | 3,728               | 7,084,639          |
| 9                 | Miscellaneous industries.....                     | 1,995           | 532,671,415          | 6,445               | 10,084,555         |
| 10                | Construction, hand trades and repairs.....        | 16,407          | 150,216,557          | 3,467               | 6,743,069          |
| <b>Total.....</b> |   | <b>41,323</b>   | <b>3,210,709,288</b> | <b>76,777</b>       | <b>140,110,891</b> |

**and Value of Products of Canadian Manufacturing Industries, 1920—continued.**  
 Classification.)

| Wage Earners.  |                    | Total Employment. |                     | Cost of Materials.   | Value of Products.   |                      | No. |
|----------------|--------------------|-------------------|---------------------|----------------------|----------------------|----------------------|-----|
| Number.        | Wages.             | Number.           | Salaries and Wages. |                      | Net.                 | Gross.               |     |
| 9              | 10,240             | 21                | 36,673              | 54,729               | 70,184               | 124,913              | 26  |
| 62             | 46,067             | 84                | 88,567              | 129,800              | 186,376              | 316,176              | 27  |
| 543            | 608,971            | 585               | 678,785             | 2,097,925            | 2,801,779            | 4,899,704            | 28  |
| 15             | 18,361             | 19                | 22,325              | 55,080               | 27,499               | 82,579               | 29  |
| <b>19,505</b>  | <b>21,250,315</b>  | <b>26,364</b>     | <b>31,556,086</b>   | <b>26,579,370</b>    | <b>98,629,180</b>    | <b>125,208,550</b>   |     |
| 27             | 23,075             | 30                | 26,455              | 39,797               | 33,597               | 73,394               | 1   |
| 223            | 116,344            | 280               | 172,725             | 196,929              | 317,767              | 515,696              | 2   |
| 148            | 101,046            | 227               | 231,561             | 587,930              | 442,548              | 1,030,478            | 3   |
| 174            | 218,200            | 191               | 244,567             | 484,670              | 632,064              | 1,116,734            | 4   |
| 1,152          | 822,026            | 1,360             | 1,211,656           | 2,454,001            | 2,226,984            | 4,680,985            | 5   |
| 657            | 507,456            | 727               | 669,618             | 639,867              | 1,193,028            | 1,832,895            | 6   |
| 34             | 22,915             | 38                | 28,915              | 66,049               | 80,048               | 146,097              | 7   |
| 41             | 41,800             | 43                | 45,883              | 25,474               | 50,784               | 76,258               | 8   |
| 6,012          | 8,196,710          | 10,693            | 14,626,709          | —                    | 65,705,060           | 65,705,060           | 9   |
| 174            | 230,934            | 222               | 302,926             | 41,251               | 627,394              | 668,645              | 10  |
| 118            | 103,483            | 141               | 142,887             | 90,263               | 221,026              | 311,289              | 11  |
| 1,102          | 1,153,195          | 1,297             | 1,571,033           | 3,904,877            | 3,225,459            | 7,130,336            | 12  |
| 21             | 56,531             | 32                | 77,753              | 78,647               | 134,956              | 213,603              | 13  |
| 24             | 20,590             | 31                | 28,937              | 103,209              | 65,563               | 168,772              | 14  |
| 2,426          | 2,534,467          | 2,608             | 2,902,943           | 4,433,334            | 4,377,700            | 8,811,034            | 15  |
| 640            | 726,020            | 772               | 940,599             | 2,412,112            | 2,716,014            | 5,128,126            | 16  |
| 976            | 817,770            | 1,085             | 1,012,203           | 1,031,162            | 2,603,696            | 3,634,858            | 17  |
| 731            | 727,180            | 769               | 823,035             | 1,132,340            | 1,371,804            | 2,504,144            | 18  |
| 397            | 381,379            | 484               | 545,601             | 550,909              | 1,006,807            | 1,557,716            | 19  |
| 52             | 43,769             | 57                | 51,176              | 79,727               | 82,185               | 161,912              | 20  |
| 576            | 623,287            | 660               | 758,118             | 1,531,492            | 1,471,839            | 3,003,331            | 21  |
| 59             | 39,861             | 75                | 60,293              | 139,838              | 121,258              | 261,096              | 22  |
| 162            | 182,995            | 190               | 245,761             | 256,473              | 356,074              | 612,547              | 23  |
| 149            | 172,073            | 212               | 264,087             | 98,863               | 482,175              | 581,038              | 24  |
| 905            | 832,781            | 1,089             | 1,117,955           | 1,696,302            | 2,497,614            | 4,193,916            | 25  |
| 609            | 748,085            | 736               | 1,001,375           | 528,938              | 2,070,199            | 2,599,137            | 26  |
| 181            | 143,761            | 205               | 176,387             | 426,788              | 311,486              | 738,274              | 27  |
| 96             | 97,738             | 112               | 117,596             | 59,275               | 215,985              | 275,260              | 28  |
| 45             | 47,578             | 68                | 83,034              | 65,263               | 125,028              | 190,291              | 29  |
| 221            | 231,264            | 266               | 305,719             | 214,104              | 482,412              | 696,516              | 30  |
| 776            | 674,048            | 877               | 888,912             | 1,705,209            | 1,556,639            | 3,261,848            | 31  |
| 52             | 48,577             | 72                | 97,799              | 172,465              | 288,746              | 461,211              | 32  |
| 110            | 86,350             | 132               | 135,950             | 575,552              | 404,962              | 980,514              | 33  |
| 16             | 16,963             | 20                | 19,517              | 5,116                | 23,429               | 28,545               | 34  |
| 419            | 460,064            | 563               | 626,401             | 751,144              | 1,105,850            | 1,856,994            | 35  |
| <b>81,778</b>  | <b>96,265,589</b>  | <b>89,196</b>     | <b>109,219,807</b>  | <b>108,597,637</b>   | <b>199,836,940</b>   | <b>308,434,577</b>   |     |
| 4,687          | 4,932,203          | 5,027             | 5,376,554           | 6,671,767            | 9,920,856            | 16,592,623           | 1   |
| 183            | 146,659            | 189               | 151,760             | 205,968              | 305,216              | 511,184              | 2   |
| 4,872          | 4,706,228          | 4,902             | 4,735,397           | 2,313,265            | 7,302,701            | 9,615,966            | 3   |
| 1,907          | 1,572,675          | 1,932             | 1,009,440           | 1,610,742            | 2,747,036            | 4,357,778            | 4   |
| 2,349          | 3,526,988          | 3,036             | 4,969,758           | 6,904,251            | 12,528,481           | 19,432,732           | 5   |
| 6,486          | 5,414,833          | 7,140             | 6,413,446           | 1,692,078            | 12,104,540           | 13,796,618           | 6   |
| 1,146          | 1,354,604          | 1,375             | 1,692,916           | 2,012,679            | 2,905,960            | 4,918,639            | 7   |
| 195            | 348,955            | 272               | 483,406             | 597,817              | 1,120,718            | 1,718,535            | 8   |
| 988            | 691,952            | 1,014             | 718,265             | 1,133,969            | 1,298,639            | 2,432,608            | 9   |
| 32,566         | 40,163,504         | 35,001            | 44,866,519          | 40,424,944           | 86,566,124           | 126,991,068          | 10  |
| 1,966          | 1,820,805          | 2,065             | 1,988,212           | 1,184,958            | 3,321,030            | 4,505,988            | 11  |
| 59             | 56,158             | 68                | 69,390              | 33,988               | 127,113              | 161,101              | 12  |
| 3,119          | 3,758,905          | 3,365             | 4,119,799           | 2,829,610            | 7,235,647            | 10,065,257           | 13  |
| 7,642          | 8,994,513          | 8,963             | 10,813,391          | 20,029,384           | 18,479,400           | 38,508,784           | 14  |
| 13,613         | 18,766,607         | 14,847            | 21,211,554          | 20,952,217           | 33,873,479           | 54,825,696           | 15  |
| 50,987         | 44,800,947         | 61,497            | 63,490,259          | 367,759,058          | 206,141,228          | 573,900,286          | 1   |
| 35,372         | 32,401,687         | 45,726            | 48,124,667          | 267,878,165          | 111,534,101          | 379,412,266          | 2   |
| 71,346         | 57,046,408         | 78,877            | 72,504,925          | 174,174,208          | 142,676,574          | 316,850,782          | 3   |
| 94,751         | 99,113,282         | 111,322           | 131,089,861         | 203,856,170          | 283,260,565          | 487,116,735          | 4   |
| 65,237         | 75,398,529         | 77,080            | 98,363,983          | 194,725,179          | 187,672,905          | 382,398,084          | 5   |
| 13,835         | 15,165,938         | 17,936            | 22,692,784          | 31,439,989           | 41,149,894           | 72,589,883           | 6   |
| 13,755         | 15,942,151         | 15,982            | 19,801,091          | 67,780,080           | 47,776,911           | 115,556,991          | 7   |
| 8,843          | 9,107,818          | 12,571            | 16,192,457          | 43,108,870           | 45,495,135           | 88,604,005           | 8   |
| 16,551         | 18,701,095         | 22,996            | 28,785,650          | 18,989,818           | 101,562,721          | 120,552,539          | 9   |
| 69,687         | 73,613,639         | 73,154            | 80,356,708          | 76,592,585           | 134,352,519          | 210,945,104          | 10  |
| <b>440,364</b> | <b>441,291,494</b> | <b>517,141</b>    | <b>581,402,385</b>  | <b>1,446,304,122</b> | <b>1,301,622,553</b> | <b>2,747,926,675</b> |     |

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## 7.—Statistics of the Numbers, Capital, Employees, Wages, Cost of Materials

(New)

| No. | Groups and Kinds of Industries.              | Establishments. | Capital.           | Salaried Employees. |                   |
|-----|--|-----------------|--------------------|---------------------|-------------------|
|     |  |                 |                    | Number.             | Salaries.         |
|     | 1921.  | No.             | \$                 |                     | \$                |
| 1   | <b>1. Vegetable products.....</b>            | 3,958           | <b>362,665,357</b> | <b>10,510</b>       | <b>18,689,312</b> |
| 2   | Biscuits and confectionery.....              | 372             | 30,655,589         | 1,710               | 2,797,541         |
| 3   | Bread and other bakery products.....         | 1,658           | 23,551,215         | 1,261               | 1,798,705         |
| 4   | Breakfast foods, prepared.....               | 9               | 3,390,160          | 53                  | 117,729           |
| 5   | Breweries.....                               | 55              | 37,645,447         | 571                 | 1,276,635         |
| 6   | Chewing gum.....                             | 4               | 2,497,112          | 76                  | 203,713           |
| 7   | Cocoa and chocolate.....                     | 5               | 3,817,071          | 86                  | 175,412           |
| 8   | Coffee and spices.....                       | 40              | 5,970,434          | 303                 | 662,303           |
| 9   | Distilleries.....                            | 5               | 11,557,051         | 126                 | 362,196           |
| 10  | Flour and grist mill products.....           | 582             | 59,234,847         | 1,434               | 2,824,061         |
| 11  | Chopping mills.....                          | 675             | 2,592,465          | —                   | —                 |
| 12  | Fruit and vegetable canneries.....           | 103             | 10,623,851         | 274                 | 410,128           |
| 13  | Fruit and vegetables evaporated.....         | 61              | 576,668            | 39                  | 31,564            |
| 14  | Grain foods prepared.....                    | 4               | 112,852            | 7                   | 14,418            |
| 15  | Ice cream cones.....                         | 11              | 375,945            | 21                  | 33,022            |
| 16  | Jams and jellies.....                        | 46              | 6,551,207          | 174                 | 311,063           |
| 17  | Linseed oil and oil cake.....                | 8               | 2,509,124          | 43                  | 74,321            |
| 18  | Macaroni and vermicelli.....                 | 8               | 1,105,095          | 42                  | 50,290            |
| 19  | Malt mills.....                              | 7               | 2,246,223          | 24                  | 57,947            |
| 20  | Maple syrup and sugar.....                   | 4               | 172,992            | 15                  | 27,793            |
| 21  | Nut preparing.....                           | 8               | 359,500            | 18                  | 21,443            |
| 22  | Pickles and relishes.....                    | 22              | 2,885,501          | 94                  | 172,052           |
| 23  | Rice mills.....                              | 6               | 1,049,418          | 13                  | 51,900            |
| 24  | Rubber footwear.....                         | 12              | 15,816,832         | 695                 | 1,006,215         |
| 25  | Rubber goods.....                            | 23              | 38,420,786         | 952                 | 1,805,205         |
| 26  | Seed cleaning and preparing.....             | 12              | 1,720,163          | 97                  | 180,264           |
| 27  | Starch and glucose.....                      | 7               | 5,887,210          | 68                  | 113,610           |
| 28  | Stock and poultry foods.....                 | 21              | 956,400            | 90                  | 129,714           |
| 29  | Sugar refineries.....                        | 7               | 35,783,067         | 333                 | 765,456           |
| 30  | Syrups.....                                  | 9               | 210,051            | 16                  | 21,202            |
| 31  | Tobacco, chewing and smoking.....            | 25              | 11,993,028         | 320                 | 669,284           |
| 32  | Tobacco, cigars and cigarettes.....          | 94              | 35,757,047         | 1,351               | 2,198,259         |
| 33  | Vinegar and cider.....                       | 38              | 2,921,462          | 91                  | 143,574           |
| 34  | Wines and grape juice.....                   | 13              | 1,966,659          | 61                  | 80,064            |
|     | All other industries.....                    | 4               | 1,752,885          | 52                  | 102,229           |
| 2   | <b>2. Animal products.....</b>               | <b>5,051</b>    | <b>200,697,527</b> | <b>10,354</b>       | <b>15,722,980</b> |
| 1   | Animal hair goods.....                       | 6               | 662,876            | 19                  | 55,961            |
| 2   | Belting and hose, leather.....               | 7               | 1,429,936          | 67                  | 105,301           |
| 3   | Boot and shoe findings.....                  | 6               | 229,224            | 6                   | 9,995             |
| 4   | Boots and shoes, leather.....                | 177             | 31,644,855         | 1,646               | 3,497,087         |
| 5   | Butter and cheese.....                       | 3,087           | 27,535,634         | 3,690               | 3,356,009         |
| 6   | Condensed milk.....                          | 27              | 7,722,197          | 128                 | 212,227           |
| 7   | Fish curing and packing.....                 | 842             | 19,411,990         | 487                 | 551,330           |
| 8   | Fur dressing.....                            | 13              | 452,803            | 31                  | 61,457            |
| 9   | Fur goods.....                               | 219             | 9,598,311          | 576                 | 989,683           |
| 10  | Gloves and mittens, leather.....             | 46              | 3,264,914          | 220                 | 376,351           |
| 11  | Harness and saddlery.....                    | 353             | 6,384,460          | 274                 | 349,170           |
| 12  | Human hair goods.....                        | 3               | 27,762             | 1                   | 2,100             |
| 13  | Leather goods, n.e.s.....                    | 31              | 932,986            | 88                  | 167,839           |
| 14  | Leather tanneries.....                       | 119             | 32,137,488         | 380                 | 913,787           |
| 15  | Sausage and sausage casings.....             | 22              | 264,097            | 28                  | 50,637            |
| 16  | Slaughtering and meat packing.....           | 84              | 58,459,555         | 2,703               | 5,000,516         |
| 17  | Tallow and animal oils.....                  | 7               | 196,652            | 8                   | 16,242            |
| 18  | All other industries.....                    | 2               | 341,787            | 2                   | 7,288             |
| 3   | <b>3. Textiles and textile products.....</b> | <b>4,046</b>    | <b>264,118,883</b> | <b>7,531</b>        | <b>15,458,517</b> |
| 1   | Awnings, tents and sails.....                | 47              | 1,180,278          | 105                 | 146,655           |
| 2   | Bags, cotton and jute.....                   | 16              | 4,819,054          | 104                 | 242,132           |
| 3   | Batting.....                                 | 3               | 694,703            | 13                  | 32,533            |
| 4   | Belting, cotton.....                         | 3               | 188,217            | 6                   | 10,400            |
| 5   | Carpets, custom and rag.....                 | 16              | 104,032            | 12                  | 15,863            |
| 6   | Carpets, rugs and mats.....                  | 5               | 2,463,113          | 97                  | 212,831           |
| 7   | Clothing, men's custom.....                  | 1,501           | 7,197,561          | —                   | —                 |
| 8   | Clothing, men's factory.....                 | 162             | 30,244,384         | 1,658               | 3,286,267         |
| 9   | Clothing, oiled and waterproof.....          | 9               | 621,160            | 21                  | 37,417            |
| 10  | Clothing, women's custom.....                | 270             | 1,104,344          | —                   | —                 |
| 11  | Clothing, women's factory.....               | 176             | 13,694,846         | 1,127               | 2,685,661         |
| 12  | Cordage, rope and twine.....                 | 9               | 7,861,066          | 83                  | 184,548           |
| 13  | Corsets.....                                 | 11              | 5,705,509          | 309                 | 502,858           |
| 14  | Cotton thread.....                           | 4               | 3,292,363          | 64                  | 139,457           |
| 15  | Cotton yarn and cloth.....                   | 31              | 65,947,429         | 403                 | 921,691           |
| 16  | Embroidery, lacework and trimmings.....      | 36              | 1,607,215          | 153                 | 321,277           |
| 17  | Fancy wear, ladies' and children's.....      | 49              | 2,996,364          | 292                 | 608,477           |
| 18  | Felt goods.....                              | 3               | 2,188,436          | 40                  | 103,694           |
| 19  | Flax and hemp dressing.....                  | 23              | 796,154            | 18                  | 32,954            |

**and Value of Products of Canadian Manufacturing Industries, 1921—continued.**  
 Classification.)

| Wage Earners. |               | Total Employment. |                     | Cost of Materials. | Value of Products. |                | No.   |
|---------------|---------------|-------------------|---------------------|--------------------|--------------------|----------------|-------|
| Number.       | Wages.        | Number.           | Salaries and Wages. |                    | Net.               | Gross.         |       |
| 50,987        | \$ 44,800,947 | 61,497            | \$ 63,490,259       | \$ 367,759,058     | \$ 206,141,228     | \$ 573,900,286 |       |
| 9,533         | 6,936,458     | 11,243            | 9,733,999           | 22,600,821         | 24,157,193         | 46,758,014     | 1     |
| 8,436         | 9,483,319     | 9,697             | 11,282,024          | 29,202,936         | 22,164,981         | 51,367,917     | 2     |
| 209           | 265,732       | 262               | 383,461             | 1,469,274          | 1,411,511          | 2,880,785      | 3     |
| 2,456         | 3,076,978     | 3,027             | 4,353,613           | 9,714,486          | 21,217,367         | 30,931,853     | 4     |
| 171           | 144,870       | 247               | 348,583             | 1,123,206          | 1,290,200          | 2,413,406      | 5     |
| 463           | 420,663       | 549               | 596,075             | 2,323,516          | 1,238,322          | 3,561,838      | 6     |
| 499           | 427,595       | 802               | 1,089,898           | 7,569,914          | 2,856,550          | 10,426,464     | 7     |
| 331           | 396,922       | 457               | 759,118             | 2,161,525          | 5,299,320          | 7,460,845      | 8     |
| 4,724         | 5,124,771     | 6,158             | 7,948,832           | 153,445,024        | 26,187,222         | 179,632,246    | 9     |
| 848           | 362,352       | 848               | 362,352             | 11,137,612         | 4,002,991          | 15,140,603     | 10    |
| 1,330         | 975,241       | 1,604             | 1,385,369           | 5,688,504          | 4,020,709          | 9,709,213      | 11    |
| 292           | 149,174       | 331               | 180,738             | 353,726            | 498,703            | 852,429        | 12    |
| 21            | 14,490        | 28                | 28,908              | 178,540            | 96,907             | 275,447        | 13    |
| 103           | 84,901        | 124               | 117,923             | 355,731            | 355,832            | 711,563        | 14    |
| 564           | 418,832       | 738               | 729,895             | 3,270,539          | 1,951,643          | 5,222,182      | 15    |
| 249           | 250,657       | 292               | 324,978             | 4,239,255          | 1,984,121          | 6,223,376      | 16    |
| 180           | 140,145       | 222               | 190,435             | 820,200            | 629,511            | 1,449,711      | 17    |
| 157           | 248,945       | 181               | 306,892             | 2,019,577          | 773,840            | 2,793,417      | 18    |
| 20            | 20,362        | 35                | 48,155              | 201,366            | 126,180            | 327,546        | 19    |
| 87            | 48,625        | 105               | 70,068              | 388,953            | 205,082            | 594,035        | 20    |
| 554           | 358,535       | 648               | 530,587             | 1,829,061          | 1,345,601          | 3,174,662      | 21    |
| 34            | 33,738        | 47                | 85,638              | 964,100            | 281,665            | 1,245,765      | 22    |
| 4,360         | 2,941,654     | 5,055             | 3,947,869           | 4,637,137          | 9,214,607          | 13,851,744     | 23    |
| 3,791         | 4,006,292     | 4,743             | 5,811,497           | 12,219,987         | 13,398,055         | 25,618,042     | 24    |
| 239           | 179,102       | 336               | 359,366             | 3,635,663          | 692,902            | 4,328,565      | 25    |
| 629           | 667,498       | 697               | 781,108             | 2,716,292          | 1,720,036          | 4,436,328      | 26    |
| 74            | 65,662        | 164               | 195,376             | 594,281            | 553,923            | 1,148,204      | 27    |
| 2,136         | 2,417,438     | 2,469             | 3,182,894           | 56,882,242         | 12,627,585         | 69,509,827     | 28    |
| 28            | 30,642        | 44                | 51,844              | 262,648            | 171,705            | 434,353        | 29    |
| 2,268         | 1,084,502     | 2,588             | 1,753,786           | 8,064,946          | 6,845,060          | 14,910,006     | 30    |
| 5,867         | 3,647,144     | 7,218             | 5,845,403           | 15,374,386         | 36,675,858         | 52,050,244     | 31    |
| 164           | 180,401       | 255               | 323,975             | 862,116            | 1,146,874          | 2,008,990      | 32    |
| 67            | 76,345        | 128               | 156,409             | 350,098            | 356,191            | 706,289        | 33    |
| 103           | 120,962       | 155               | 223,191             | 1,101,396          | 642,981            | 1,744,377      | 34    |
| 35,372        | 32,401,687    | 45,726            | 48,124,667          | 267,878,165        | 111,534,101        | 379,412,266    | 38041 |
| 79            | 67,812        | 98                | 123,773             | 154,074            | 293,857            | 447,931        | 1     |
| 111           | 112,576       | 178               | 217,877             | 681,601            | 608,277            | 1,289,878      | 2     |
| 68            | 74,242        | 74                | 84,237              | 636,951            | 165,607            | 802,558        | 3     |
| 11,268        | 9,418,832     | 12,914            | 11,915,919          | 23,379,183         | 21,286,198         | 44,665,381     | 4     |
| 4,505         | 4,348,457     | 8,195             | 8,204,466           | 77,797,821         | 19,855,605         | 97,653,426     | 5     |
| 758           | 794,400       | 886               | 1,006,627           | 10,424,576         | 3,846,015          | 14,270,591     | 6     |
| 3,440         | 2,023,040     | 3,927             | 2,574,370           | 11,708,478         | 7,185,654          | 18,894,132     | 7     |
| 238           | 253,404       | 269               | 314,861             | 81,966             | 506,459            | 588,425        | 8     |
| 2,045         | 2,024,023     | 2,621             | 3,013,706           | 8,118,833          | 5,520,776          | 13,639,609     | 9     |
| 962           | 562,432       | 1,182             | 938,783             | 1,455,309          | 1,239,507          | 3,694,816      | 10    |
| 988           | 1,017,150     | 1,262             | 1,366,320           | 3,526,451          | 2,176,671          | 5,703,122      | 11    |
| 20            | 14,160        | 21                | 16,260              | 21,083             | 36,705             | 57,788         | 12    |
| 420           | 323,873       | 508               | 491,712             | 509,145            | 761,449            | 1,270,594      | 13    |
| 3,327         | 3,167,275     | 3,707             | 4,081,062           | 15,157,358         | 7,748,170          | 22,905,528     | 14    |
| 119           | 119,037       | 147               | 169,674             | 550,600            | 338,704            | 889,304        | 15    |
| 6,988         | 8,547,262     | 9,691             | 13,547,778          | 113,389,835        | 39,746,454         | 153,136,289    | 16    |
| 25            | 25,822        | 33                | 42,064              | 175,429            | 129,030            | 304,459        | 17    |
| 11            | 7,890         | 13                | 15,178              | 109,472            | 88,963             | 198,435        | 18    |
| 71,346        | 57,046,408    | 78,877            | 72,504,925          | 174,174,208        | 142,676,574        | 316,850,782    |       |
| 278           | 251,410       | 383               | 398,065             | 679,238            | 619,507            | 1,298,745      | 1     |
| 744           | 562,239       | 848               | 804,371             | 7,198,203          | 1,690,788          | 8,888,991      | 2     |
| 67            | 63,446        | 80                | 95,979              | 212,536            | 240,276            | 452,812        | 3     |
| 16            | 13,943        | 22                | 24,343              | 61,522             | 41,421             | 102,943        | 4     |
| 62            | 41,845        | 74                | 57,708              | 6,971              | 120,365            | 127,336        | 5     |
| 563           | 547,187       | 660               | 760,018             | 1,322,099          | 1,852,486          | 3,174,585      | 6     |
| 5,302         | 4,769,606     | 5,302             | 4,769,606           | 6,985,352          | 8,535,757          | 15,521,109     | 7     |
| 8,463         | 8,765,158     | 10,121            | 12,051,425          | 29,929,415         | 13,837,154         | 43,766,569     | 8     |
| 109           | 105,480       | 130               | 142,897             | 150,432            | 446,706            | 597,138        | 9     |
| 1,165         | 974,026       | 1,165             | 974,026             | 1,366,347          | 1,745,027          | 3,111,374      | 10    |
| 7,357         | 7,526,444     | 8,484             | 10,212,105          | 18,617,634         | 16,638,392         | 35,256,026     | 11    |
| 741           | 870,914       | 824               | 1,055,462           | 4,620,408          | 3,342,142          | 7,962,550      | 12    |
| 1,141         | 590,285       | 1,450             | 1,093,143           | 2,805,837          | 2,657,888          | 5,463,725      | 13    |
| 420           | 269,707       | 484               | 409,164             | 2,024,110          | 1,339,586          | 3,363,696      | 14    |
| 14,735        | 10,584,546    | 15,138            | 11,506,237          | 35,157,233         | 30,821,363         | 65,978,596     | 15    |
| 819           | 576,602       | 972               | 897,879             | 743,943            | 1,656,107          | 2,400,050      | 16    |
| 1,392         | 851,059       | 1,684             | 1,459,536           | 3,030,640          | 2,476,267          | 5,506,907      | 17    |
| 180           | 154,921       | 220               | 258,585             | 368,212            | 634,744            | 1,002,956      | 18    |
| 242           | 163,642       | 260               | 196,596             | 184,230            | 288,872            | 473,102        | 19    |

**7.—Statistics of the Numbers, Capital, Employees, Wages, Cost of Materials  
(New)**

| No.                                   | Groups and Kinds of Industries.                        | Establishments. | Capital.    | Salaried Employees. |            |
|---------------------------------------|--|-----------------|-------------|---------------------|------------|
|                                       |  |                 |             | Number.             | Salaries.  |
| 1921.                                 |  |                 |             |                     |            |
| 3. Textiles and textile products—con. |  | No.             | \$          |                     | \$         |
| X 20                                  | Furnishing goods, men's.....                           | 82              | 11,800,238  | 504                 | 1,040,144  |
| 21                                    | Gaiters.....   | 9               | 415,394     | 28                  | 37,423     |
| X 22                                  | Gloves, silk and other fabrics.....                    | 7               | 1,774,768   | 59                  | 114,652    |
| 23                                    | Hats and caps.....                                     | 73              | 4,153,550   | 246                 | 465,002    |
| X 24                                  | Hats and shapes, straw.....                            | 14              | 1,222,513   | 74                  | 142,895    |
| 25                                    | Horse clothing.....                                    | 3               | 646,681     | 17                  | 29,442     |
| X 26                                  | Hosiery and knitting mills.....                        | 127             | 37,906,361  | 976                 | 1,839,381  |
| 27                                    | Lacings, tapes and bindings.....                       | 11              | 787,427     | 38                  | 83,072     |
| 28                                    | Linen towels and napery.....                           | 3               | 820,621     | 15                  | 40,855     |
| 29                                    | Men's suspenders, garters, elastic woven<br>goods..... | 12              | 851,290     | 54                  | 68,803     |
| 30                                    | Millinery.....   | 7               | 293,376     | 33                  | 60,345     |
| 31                                    | Millinery shops.....                                   | 1,126           | 2,292,806   | —                   | —          |
| 32                                    | Neckwear, men's.....                                   | 11              | 1,472,596   | 150                 | 280,722    |
| 33                                    | Neckwear and fancy goods, women's.....                 | 5               | 233,542     | 33                  | 56,784     |
| 34                                    | Oilcloth and linoleum.....                             | 3               | 6,351,871   | 86                  | 251,208    |
| 35                                    | Quilted goods.....                                     | 9               | 447,372     | 27                  | 54,868     |
| 36                                    | Shoddy.....  | 11              | 545,659     | 18                  | 38,353     |
| 37                                    | Silk and silk goods.....                               | 5               | 4,559,909   | 61                  | 136,071    |
| 38                                    | Textiles, dyeing and finishing.....                    | 5               | 371,820     | —                   | —          |
| 39                                    | Waste, cotton and wool.....                            | 8               | 911,239     | 20                  | 37,577     |
| 40                                    | Waterproofs.....                                       | 13              | 2,068,242   | 76                  | 108,635    |
| 41                                    | Window blinds and shades.....                          | 4               | 2,459,672   | 146                 | 244,952    |
| 42                                    | Wool carding and fulling.....                          | 29              | 68,525      | —                   | —          |
| 43                                    | Wool pulling.....                                      | 7               | 548,890     | 8                   | 13,808     |
| 44                                    | Woollen cloth.....                                     | 69              | 22,878,830  | 292                 | 689,270    |
| 45                                    | Woollen yarns.....                                     | 16              | 5,495,582   | 61                  | 135,905    |
| 46                                    | All other industries.....                              | 3               | 33,881      | 4                   | 3,665      |
| 4. Wood and paper.....                |  | 7,152           | 775,207,859 | 16,571              | 31,976,579 |
| 1                                     | Baskets and crates.....                                | 28              | 984,544     | 39                  | 63,611     |
| 2                                     | Blue prints.....                                       | 16              | 153,903     | 24                  | 30,402     |
| 3                                     | Bobbins and spools.....                                | 3               | 361,189     | 13                  | 27,549     |
| X 4                                   | Boot and shoe findings.....                            | 5               | 149,445     | 12                  | 16,986     |
| 5                                     | Boxes and packing cases.....                           | 91              | 6,940,825   | 169                 | 365,829    |
| 6                                     | Boxes, cigar.....                                      | 4               | 690,504     | 27                  | 45,587     |
| 7                                     | Boxes, paper.....                                      | 89              | 11,022,338  | 452                 | 893,223    |
| 8                                     | Box shooks.....  | 4               | 332,841     | 8                   | 19,161     |
| 9                                     | Canoes, rowboats and launches.....                     | 95              | 1,391,311   | 57                  | 104,847    |
| 10                                    | Carriages, wagons and sleighs.....                     | 570             | 10,653,760  | —                   | —          |
| 11                                    | Carriages and sleds (children's).....                  | 7               | 489,120     | 41                  | 72,115     |
| 12                                    | Carriage and wagon materials.....                      | 13              | 2,005,563   | 46                  | 115,420    |
| 13                                    | Coffins and caskets.....                               | 28              | 2,595,825   | 58                  | 109,679    |
| 14                                    | Cooperage.....   | 98              | 2,222,959   | 60                  | 98,683     |
| 15                                    | Cork products.....                                     | 6               | 1,074,427   | 31                  | 54,164     |
| 16                                    | Foundry patterns.....                                  | 34              | 216,027     | 26                  | 40,636     |
| 17                                    | Furniture (other than wickerware).....                 | 153             | 26,821,580  | 1,001               | 1,879,556  |
| 18                                    | Furniture upholstering and repairing.....              | 192             | 2,057,375   | 55                  | 100,016    |
| 19                                    | Handles, wooden.....                                   | 18              | 776,055     | 23                  | 36,454     |
| 20                                    | Lasts, trees and pegs.....                             | 9               | 1,464,259   | 40                  | 86,073     |
| 21                                    | Lithographing and engraving.....                       | 85              | 7,949,016   | 527                 | 1,161,258  |
| 22                                    | Paper goods, n.e.s.....                                | 4               | 194,541     | 14                  | 24,036     |
| 23                                    | Paper mills.....                                       | 33              | 22,622,212  | 263                 | 750,170    |
| 24                                    | Paper patterns.....                                    | 6               | 810,014     | 56                  | 74,634     |
| 25                                    | Printing and bookbinding.....                          | 625             | 28,275,937  | 1,773               | 3,743,220  |
| 26                                    | Printing and publishing.....                           | 836             | 38,788,973  | 5,456               | 8,483,467  |
| 27                                    | Pulleys.....   | 3               | 37,123      | 3                   | 5,800      |
| 28                                    | Pulp and paper mills.....                              | 27              | 223,636,392 | 1,570               | 4,409,064  |
| 29                                    | Pulp mills.....  | 40              | 133,554,147 | 520                 | 1,204,070  |
| 30                                    | Pumps, wooden.....                                     | 35              | 1,629,603   | 35                  | 51,225     |
| 31                                    | Saw, lath and shingle mills.....                       | 3,126           | 186,019,994 | 2,152               | 3,940,940  |
| 32                                    | Show cases and store fixtures.....                     | 19              | 1,242,568   | 59                  | 152,906    |
| 33                                    | Spinning wheels.....                                   | 4               | 11,700      | —                   | —          |
| 34                                    | Stationery and envelopes.....                          | 12              | 2,851,801   | 262                 | 471,939    |
| 35                                    | Stereotyping and electrotyping.....                    | 10              | 437,249     | 48                  | 83,695     |
| 36                                    | Wallboard, building paper, etc.....                    | 14              | 6,368,840   | 213                 | 459,497    |
| 37                                    | Wall paper.....  | 4               | 2,506,994   | 162                 | 460,457    |
| 38                                    | Waxed and oiled paper.....                             | 7               | 1,185,359   | 100                 | 177,833    |
| 39                                    | Wickerware.....  | 8               | 209,261     | 8                   | 32,306     |
| 40                                    | Woodenware.....  | 12              | 738,190     | 38                  | 51,390     |
| 41                                    | Wood preserving.....                                   | 3               | 1,469,781   | 7                   | 11,819     |
| 42                                    | Wood products, miscellaneous.....                      | 6               | 524,719     | 21                  | 50,333     |
| 43                                    | Woodworking, sash and door factories.....              | 758             | 41,239,799  | 1,076               | 1,943,272  |
| 44                                    | All other industries.....                              | 12              | 499,796     | 26                  | 73,257     |

**and Value of Products of Canadian Manufacturing Industries, 1921—continued.**  
 Classification.)

| Wage Earners. |            | Total Employees. |                     | Cost of Materials. | Value of Products. |             | No. |
|---------------|------------|------------------|---------------------|--------------------|--------------------|-------------|-----|
| Number.       | Wages.     | Number.          | Salaries and Wages. |                    | Net.               | Gross.      |     |
|               | \$         |                  | \$                  | \$                 | \$                 | \$          |     |
| 4,358         | 2,342,673  | 4,862            | 3,382,817           | 10,229,398         | 7,716,895          | 17,946,293  | 20  |
| 82            | 72,131     | 110              | 109,554             | 246,923            | 272,563            | 519,486     | 21  |
| 735           | 464,672    | 794              | 579,324             | 581,454            | 988,489            | 1,569,943   | 22  |
| 1,233         | 1,240,026  | 1,479            | 1,705,028           | 3,130,028          | 3,078,280          | 6,208,308   | 23  |
| 572           | 545,621    | 646              | 688,516             | 1,353,225          | 1,409,091          | 2,762,316   | 24  |
| 119           | 70,507     | 136              | 99,949              | 454,447            | 131,663            | 586,110     | 25  |
| 9,470         | 6,559,892  | 10,446           | 8,399,273           | 18,960,491         | 17,729,043         | 36,689,534  | 26  |
| 156           | 137,867    | 194              | 220,939             | 529,936            | 428,956            | 958,892     | 27  |
| 187           | 137,156    | 202              | 178,011             | 195,698            | 360,916            | 556,614     | 28  |
| 197           | 152,250    | 251              | 221,053             | 561,404            | 373,602            | 935,006     | 29  |
| 170           | 134,675    | 203              | 195,020             | 324,428            | 395,647            | 720,075     | 30  |
| 2,557         | 1,384,215  | 2,557            | 1,384,215           | 3,099,791          | 3,116,685          | 6,216,476   | 31  |
| 226           | 204,602    | 376              | 485,324             | 1,076,471          | 916,776            | 1,993,247   | 32  |
| 144           | 108,013    | 177              | 164,797             | 267,289            | 280,564            | 547,853     | 33  |
| 423           | 541,460    | 509              | 792,668             | 2,966,826          | 2,687,686          | 5,654,512   | 34  |
| 105           | 78,371     | 132              | 131,239             | 465,287            | 243,569            | 708,856     | 35  |
| 69            | 69,761     | 87               | 108,114             | 194,656            | 173,433            | 368,089     | 36  |
| 871           | 583,774    | 932              | 719,845             | 1,890,171          | 1,646,342          | 3,536,513   | 37  |
| 65            | 97,038     | 65               | 97,038              | 195,402            | 269,616            | 465,018     | 38  |
| 101           | 89,437     | 121              | 127,014             | 1,060,937          | 344,135            | 1,405,072   | 39  |
| 166           | 185,139    | 242              | 293,774             | 660,466            | 656,417            | 1,316,883   | 40  |
| 230           | 196,890    | 376              | 441,842             | 1,701,932          | 1,237,677          | 2,939,609   | 41  |
| 21            | 9,897      | 21               | 9,897               | 179                | 29,773             | 29,952      | 42  |
| 56            | 59,034     | 64               | 72,842              | 231,066            | 138,071            | 369,137     | 43  |
| 4,353         | 3,268,873  | 4,645            | 3,958,143           | 6,329,679          | 7,366,621          | 13,696,300  | 44  |
| 869           | 625,777    | 930              | 761,682             | 1,957,193          | 1,680,668          | 3,637,861   | 45  |
| 15            | 6,197      | 19               | 9,862               | 45,069             | 18,548             | 63,617      | 46  |
| 94,751        | 99,113,282 | 111,322          | 131,089,861         | 203,856,170        | 283,260,565        | 487,116,735 |     |
| 314           | 357,059    | 353              | 420,670             | 459,450            | 953,175            | 1,412,625   | 1   |
| 53            | 43,509     | 77               | 73,911              | 121,141            | 149,336            | 270,477     | 2   |
| 125           | 147,831    | 138              | 175,380             | 133,496            | 241,815            | 375,311     | 3   |
| 64            | 41,784     | 76               | 58,770              | 89,035             | 102,999            | 192,034     | 4   |
| 1,770         | 1,693,514  | 1,939            | 2,059,343           | 3,611,012          | 3,467,545          | 7,078,557   | 5   |
| 179           | 193,953    | 206              | 239,540             | 431,551            | 384,045            | 815,596     | 6   |
| 2,873         | 2,002,154  | 3,325            | 2,895,377           | 4,445,732          | 5,687,445          | 10,133,177  | 7   |
| 53            | 63,496     | 61               | 82,657              | 285,236            | 142,697            | 427,933     | 8   |
| 464           | 542,013    | 521              | 646,860             | 370,570            | 1,003,675          | 1,374,245   | 9   |
| 2,298         | 2,373,358  | 2,298            | 2,373,358           | 3,408,123          | 4,286,215          | 7,694,338   | 10  |
| 172           | 145,154    | 213              | 217,269             | 226,795            | 341,599            | 568,394     | 11  |
| 242           | 296,995    | 288              | 412,415             | 719,446            | 1,143,320          | 1,862,766   | 12  |
| 377           | 446,091    | 435              | 555,770             | 816,916            | 1,149,930          | 1,966,846   | 13  |
| 553           | 541,970    | 613              | 640,653             | 1,230,292          | 1,127,258          | 2,357,550   | 14  |
| 158           | 171,221    | 189              | 225,385             | 544,137            | 502,206            | 1,046,343   | 15  |
| 125           | 170,159    | 151              | 210,795             | 46,129             | 305,560            | 351,689     | 16  |
| 5 712         | 5,812,229  | 6,713            | 7,691,785           | 7,924,244          | 14,153,541         | 22,077,785  | 17  |
| 525           | 560,431    | 580              | 660,447             | 604,576            | 1,293,008          | 1,897,584   | 18  |
| 141           | 163,617    | 164              | 200,071             | 214,366            | 510,593            | 724,959     | 19  |
| 227           | 224,728    | 267              | 310,801             | 145,741            | 497,756            | 643,497     | 20  |
| 1,950         | 2,585,118  | 2,477            | 3,746,376           | 2,843,644          | 6,902,573          | 9,746,217   | 21  |
| 47            | 19,773     | 61               | 43,809              | 104,538            | 165,455            | 269,993     | 22  |
| 2,466         | 2,331,380  | 2,729            | 3,081,550           | 7,263,649          | 7,785,064          | 15,048,713  | 23  |
| 134           | 109,607    | 190              | 184,241             | 177,202            | 1,132,365          | 1,309,567   | 24  |
| 7,718         | 8,902,429  | 9,491            | 12,645,649          | 10,853,841         | 22,560,591         | 33,414,432  | 25  |
| 8,155         | 10,093,957 | 13,611           | 18,577,424          | 15,412,712         | 38,200,349         | 53,613,061  | 26  |
| 8             | 9,625      | 11               | 15,425              | 11,958             | 27,240             | 39,198      | 27  |
| 13,977        | 18,905,719 | 15,547           | 23,314,783          | 40,780,039         | 62,343,072         | 103,123,111 | 28  |
| 5,815         | 6,598,687  | 6,335            | 7,802,757           | 14,232,536         | 18,598,805         | 32,831,341  | 29  |
| 98            | 108,446    | 133              | 159,671             | 88,908             | 317,402            | 406,310     | 30  |
| 28,185        | 22,766,749 | 30,337           | 26,707,689          | 57,242,686         | 59,648,505         | 116,891,191 | 31  |
| 276           | 346,763    | 335              | 499,669             | 446,979            | 1,092,608          | 1,539,587   | 32  |
| 4             | 1,920      | 4                | 1,920               | 1,490              | 5,324              | 6,814       | 33  |
| 708           | 635,199    | 970              | 1,107,138           | 2,229,384          | 2,162,777          | 4,392,161   | 34  |
| 112           | 192,348    | 160              | 276,043             | 83,334             | 537,154            | 620,488     | 35  |
| 548           | 659,707    | 761              | 1,119,204           | 3,974,893          | 3,490,589          | 7,465,482   | 36  |
| 400           | 346,853    | 562              | 807,310             | 1,130,648          | 1,852,658          | 2,983,306   | 37  |
| 171           | 212,237    | 271              | 390,070             | 1,041,561          | 569,070            | 1,610,631   | 38  |
| 67            | 111,321    | 75               | 143,627             | 159,583            | 237,712            | 397,295     | 39  |
| 156           | 192,981    | 194              | 244,371             | 198,340            | 451,326            | 649,666     | 40  |
| 42            | 53,736     | 49               | 65,555              | 691,055            | 326,716            | 1,017,771   | 41  |
| 86            | 91,058     | 107              | 141,391             | 161,174            | 212,009            | 373,183     | 42  |
| 7,146         | 7,778,033  | 8,222            | 9,721,305           | 18,434,190         | 16,751,945         | 35,186,135  | 43  |
| 57            | 68,370     | 83               | 141,627             | 463,838            | 445,538            | 909,376     | 44  |

**7.—Statistics of the Numbers, Capital, Employees, Wages, Cost of Materials  
(New)**

| No.   | Groups and Kinds of Industries.              | Establishments. | Capital.       | Salaried Employees. |               |
|-------|--|-----------------|----------------|---------------------|---------------|
|       |  |                 |                | Number.             | Salaries.     |
| 1921. |  |                 |                |                     |               |
| 5.    | <b>Iron and steel products</b>               | No. 1,138       | \$ 575,680,424 | 11,843              | \$ 22,965,454 |
| 1     | Agricultural implements.....                 | 75              | 94,129,064     | 1,343               | 2,444,921     |
| 2     | Automobiles and motor trucks.....            | 14              | 40,080,269     | 1,026               | 1,402,536     |
| 3     | Automobile accessories.....                  | 64              | 15,700,288     | 408                 | 980,549       |
| 4     | Bicycles and motorcycles.....                | 5               | 2,273,307      | 52                  | 90,149        |
| 5     | Boilers, engines and tanks.....              | 39              | 9,783,160      | 340                 | 688,219       |
| 6     | Brakes and brake shoes.....                  | 3               | 211,080        | 13                  | 25,224        |
| 7     | Calculating machines.....                    | 8               | 5,651,718      | 266                 | 454,242       |
| 8     | Car wheels.....                              | 7               | 4,652,039      | 78                  | 166,074       |
| 9     | Cream separators.....                        | 6               | 5,238,460      | 281                 | 358,889       |
| 10    | Elevators.....                               | 5               | 2,097,071      | 74                  | 116,399       |
| 11    | Foundries and machine shops.....             | 325             | 62,152,439     | 1,661               | 3,503,196     |
| 12    | Hardware and tools.....                      | 114             | 30,573,705     | 782                 | 1,547,671     |
| 13    | Industrial machinery.....                    | 112             | 40,000,370     | 1,178               | 2,316,111     |
| 14    | Heating and ventilating apparatus.....       | 54              | 24,159,408     | 896                 | 1,648,186     |
| 15    | Iron and steel fabrication.....              | 52              | 10,288,526     | 528                 | 1,051,120     |
| 16    | Pumps and windmills.....                     | 9               | 918,164        | 40                  | 77,430        |
| 17    | Blast furnaces and steel mills.....          | 39              | 121,859,860    | 608                 | 1,529,615     |
| 18    | Scales.....                                  | 9               | 1,941,005      | 85                  | 135,011       |
| 19    | Sheet metal products.....                    | 129             | 27,681,041     | 960                 | 1,797,419     |
| 20    | Steam railway cars.....                      | 11              | 52,873,569     | 666                 | 1,565,738     |
| 21    | Washing machines and wringers.....           | 10              | 1,874,919      | 71                  | 147,603       |
| 22    | Wire and wire goods.....                     | 44              | 17,009,842     | 377                 | 725,729       |
| 23    | All other industries.....                    | 4               | 4,531,120      | 110                 | 193,423       |
| 6.    | <b>Non-ferrous metals and their products</b> | 344             | 104,079,490    | 4,111               | \$ 7,526,846  |
| 1     | Aluminum ware.....                           | 8               | 8,131,088      | 110                 | 182,787       |
| 2     | Babbitt and solder.....                      | 13              | 2,166,952      | 132                 | 181,699       |
| 3     | Brass and copper foundries.....              | 39              | 11,458,342     | 333                 | 650,717       |
| 4     | Brass and copper products, n.e.s.....        | 33              | 6,093,809      | 288                 | 494,752       |
| 5     | Clocks, watches and movements.....           | 4               | 1,130,967      | 24                  | 61,486        |
| 6     | Dental gold and alloys.....                  | 7               | 236,438        | 23                  | 41,872        |
| 7     | Electrical apparatus and supplies.....       | 96              | 62,725,361     | 2,431               | 4,598,642     |
| 8     | Electroplating.....                          | 24              | 220,999        | 35                  | 44,264        |
| 9     | Gold and silver goods, n.e.s.....            | 5               | 364,285        | 22                  | 42,624        |
| 10    | Jewelry manufacture.....                     | 66              | 4,681,170      | 281                 | 443,242       |
| 11    | Lead pipe and sheet lead.....                | 3               | 710,926        | 46                  | 62,202        |
| 12    | Lead, tin and zinc goods, n.e.s.....         | 3               | 302,271        | 8                   | 12,903        |
| 13    | Lightning rods.....                          | 8               | 565,983        | 67                  | 90,203        |
| 14    | Metal lamps and lanterns.....                | 6               | 538,892        | 33                  | 65,422        |
| 15    | Metal weather stripping.....                 | 12              | 126,589        | 9                   | 15,497        |
| 16    | Silverware and silver plated ware.....       | 12              | 3,737,349      | 244                 | 504,513       |
| 17    | Vacuum cleaners.....                         | 4               | 884,169        | 23                  | 32,421        |
| 18    | All other industries.....                    | 1               | 3,900          | 2                   | 1,600         |
| 7.    | <b>Non-metallic mineral products</b>         | 764             | 126,989,134    | 2,227               | \$ 3,858,940  |
| 1     | Abrasive products.....                       | 5               | 873,117        | 23                  | 42,311        |
| 2     | Aerated waters.....                          | 320             | 8,236,946      | 349                 | 578,356       |
| 3     | Asbestos packing.....                        | 7               | 471,769        | 18                  | 30,576        |
| 4     | Asbestos products, n.e.s.....                | 4               | 879,509        | 25                  | 57,033        |
| 5     | Cement products.....                         | 108             | 1,416,813      | 54                  | 74,125        |
| 6     | Coke.....                                    | 5               | -              | 95                  | 283,554       |
| 7     | Gas, illuminating and fuel.....              | 50              | 37,097,280     | 751                 | 904,942       |
| 8     | Glass plate, cut and ornamental.....         | 37              | 1,660,204      | 142                 | 198,030       |
| 9     | Glass.....                                   | 11              | 12,065,278     | 149                 | 349,982       |
| 10    | Lubricating oils.....                        | 5               | 1,933,724      | 45                  | 112,825       |
| 11    | Mica.....                                    | 10              | 594,398        | 14                  | 18,755        |
| 12    | Petroleum refining.....                      | 11              | 55,630,864     | 334                 | 724,045       |
| 13    | Plaster casting and models.....              | 5               | 244,878        | 16                  | 45,878        |
| 14    | Sand-lime brick.....                         | 10              | 1,372,253      | 21                  | 52,917        |
| 15    | Stone cutting and dressing.....              | 173             | 3,971,172      | 177                 | 369,190       |
| 16    | All other industries.....                    | 3               | 540,929        | 14                  | 16,421        |
| 8.    | <b>Chemicals and allied products</b>         | 468             | 118,382,642    | 3,728               | \$ 7,084,639  |
| 1     | Abrasives, artificial.....                   | 5               | 3,245,616      | 27                  | 59,105        |
| 2     | Adhesives.....                               | 17              | 1,898,848      | 53                  | 90,410        |
| 3     | Ammunition.....                              | 5               | 4,503,012      | 74                  | 132,471       |
| 4     | Baking powder.....                           | 7               | 1,461,477      | 133                 | 194,531       |
| 5     | Boiler compounds.....                        | 6               | 200,702        | 19                  | 35,198        |
| 6     | Cellulose products.....                      | 9               | 1,670,561      | 44                  | 87,461        |
| 7     | Chemicals, industrial.....                   | 24              | 29,945,120     | 245                 | 576,609       |
| 8     | Chemical products, n.e.s.....                | 8               | 178,326        | 21                  | 30,114        |
| 9     | Coal tar distillation.....                   | 4               | 1,411,618      | 15                  | 33,433        |
| 10    | Disinfectants.....                           | 5               | 91,052         | 16                  | 19,782        |

**and Value of Products of Canadian Manufacturing Industries, 1921—continued.**  
 Classification.)

| Wage Earners. |               | Total Employees. |                     | Cost of Materials. | Value of Products. |                | No. |
|---------------|---------------|------------------|---------------------|--------------------|--------------------|----------------|-----|
| Number.       | Wages.        | Number.          | Salaries and Wages. |                    | Net.               | Gross.         |     |
| 65,237        | \$ 75,398,529 | 77,080           | \$ 98,363,983       | \$ 194,725,179     | \$ 187,672,905     | \$ 382,398,084 | 1   |
| 7,154         | 8,534,403     | 8,497            | 10,979,324          | 17,946,282         | 18,816,878         | 36,763,160     | 2   |
| 4,449         | 6,484,637     | 5,475            | 7,887,173           | 45,119,345         | 21,930,864         | 67,050,209     | 3   |
| 1,824         | 2,254,636     | 2,232            | 3,235,185           | 8,229,855          | 6,553,162          | 14,783,017     | 4   |
| 200           | 219,981       | 252              | 310,130             | 329,692            | 379,113            | 708,805        | 5   |
| 2,765         | 1,767,550     | 3,105            | 2,455,769           | 2,479,032          | 4,481,138          | 6,960,170      | 6   |
| 88            | 44,571        | 101              | 69,795              | 233,387            | 105,958            | 339,345        | 7   |
| 202           | 285,742       | 468              | 739,984             | 603,701            | 2,117,015          | 2,720,716      | 8   |
| 485           | 630,421       | 563              | 796,495             | 2,072,259          | 1,842,930          | 3,915,189      | 9   |
| 226           | 247,724       | 507              | 606,613             | 693,410            | 911,796            | 1,605,206      | 10  |
| 255           | 290,055       | 329              | 406,454             | 399,377            | 812,573            | 1,211,950      | 11  |
| 10,131        | 11,696,862    | 11,792           | 15,200,058          | 17,221,919         | 24,983,356         | 42,205,275     | 12  |
| 3,834         | 3,491,416     | 4,616            | 5,039,087           | 3,941,978          | 9,103,908          | 13,045,886     | 13  |
| 4,057         | 5,094,751     | 5,235            | 7,410,862           | 6,011,038          | 15,597,180         | 21,608,218     | 14  |
| 4,936         | 4,717,871     | 5,832            | 6,366,057           | 4,777,045          | 11,342,338         | 16,119,383     | 15  |
| 2,047         | 2,374,329     | 2,575            | 3,425,449           | 4,032,935          | 5,316,815          | 9,349,750      | 16  |
| 153           | 145,333       | 193              | 222,763             | 214,845            | 364,757            | 579,602        | 17  |
| 5,859         | 8,440,745     | 6,467            | 9,970,360           | 34,820,791         | 21,381,019         | 56,201,810     | 18  |
| 257           | 271,013       | 342              | 406,024             | 217,890            | 873,675            | 1,091,565      | 19  |
| 4,414         | 4,618,054     | 5,374            | 6,415,473           | 13,219,712         | 13,555,224         | 26,774,936     | 20  |
| 7,965         | 10,037,590    | 8,631            | 11,603,328          | 22,910,095         | 17,335,736         | 40,245,831     | 21  |
| 219           | 227,227       | 290              | 374,830             | 444,894            | 875,634            | 1,320,528      | 22  |
| 2,611         | 2,489,505     | 2,988            | 3,215,234           | 7,455,336          | 7,329,555          | 14,784,891     | 23  |
| 1,106         | 1,034,113     | 1,216            | 1,227,536           | 1,350,361          | 1,662,281          | 3,012,642      |     |
| 13,835        | 15,165,938    | 17,946           | 22,692,784          | 31,439,989         | 41,149,894         | 72,589,883     | 1   |
| 371           | 426,383       | 481              | 609,170             | 1,704,432          | 1,929,184          | 3,633,616      | 2   |
| 212           | 304,195       | 344              | 485,894             | 1,369,357          | 934,659            | 2,304,016      | 3   |
| 1,257         | 1,322,625     | 1,590            | 1,973,342           | 2,586,753          | 3,457,051          | 6,043,804      | 4   |
| 1,160         | 1,244,740     | 1,448            | 1,739,492           | 1,345,424          | 2,567,637          | 3,913,061      | 5   |
| 270           | 226,435       | 294              | 287,921             | 342,709            | 515,433            | 858,142        | 6   |
| 38            | 42,973        | 61               | 84,845              | 490,460            | 115,517            | 605,977        | 7   |
| 8,120         | 8,858,410     | 10,551           | 13,457,052          | 19,215,137         | 25,282,131         | 44,497,268     | 8   |
| 115           | 118,038       | 150              | 162,302             | 25,837             | 229,887            | 255,724        | 9   |
| 36            | 37,100        | 58               | 79,724              | 172,097            | 126,779            | 298,876        | 10  |
| 1,075         | 1,263,264     | 1,356            | 1,706,506           | 2,091,096          | 2,604,248          | 4,695,344      | 11  |
| 73            | 89,211        | 119              | 151,413             | 236,014            | 212,721            | 448,735        | 12  |
| 40            | 32,352        | 48               | 45,255              | 49,271             | 84,393             | 133,664        | 13  |
| 28            | 39,418        | 95               | 129,621             | 250,329            | 265,533            | 515,862        | 14  |
| 87            | 104,418       | 120              | 169,840             | 198,897            | 216,361            | 415,258        | 15  |
| 32            | 34,322        | 41               | 49,819              | 51,699             | 90,463             | 142,162        | 16  |
| 855           | 955,815       | 1,099            | 1,460,328           | 1,084,758          | 2,142,814          | 3,227,572      | 17  |
| 66            | 66,239        | 89               | 98,660              | 223,551            | 372,772            | 596,323        | 18  |
| -             | -             | 2                | 1,600               | 2,168              | 2,311              | 4,479          |     |
| 13,755        | 15,942,151    | 15,982           | 19,801,091          | 67,780,080         | 47,776,911         | 115,556,991    | 1   |
| 56            | 63,262        | 79               | 105,573             | 69,901             | 101,048            | 170,949        | 2   |
| 1,831         | 1,233,627     | 2,180            | 1,811,983           | 3,607,147          | 5,569,721          | 9,176,868      | 3   |
| 59            | 61,234        | 77               | 91,810              | 152,849            | 122,961            | 275,810        | 4   |
| 30            | 124,679       | 55               | 181,712             | 232,961            | 295,862            | 528,823        | 5   |
| 611           | 332,620       | 665              | 406,745             | 555,915            | 877,338            | 1,433,253      | 6   |
| 552           | 939,235       | 647              | 1,222,789           | 11,176,955         | 3,338,904          | 14,515,859     | 7   |
| 2,067         | 3,080,034     | 2,818            | 3,984,976           | 9,279,697          | 9,492,588          | 18,772,285     | 8   |
| 393           | 469,140       | 535              | 667,170             | 874,260            | 1,014,215          | 1,888,475      | 9   |
| 2,412         | 2,604,616     | 2,561            | 2,954,598           | 3,100,098          | 6,473,359          | 9,573,457      | 10  |
| 58            | 66,130        | 103              | 178,955             | 778,923            | 588,089            | 1,367,012      | 11  |
| 239           | 76,487        | 253              | 95,242              | 136,184            | 96,311             | 232,495        | 12  |
| 3,577         | 5,279,514     | 3,911            | 6,003,559           | 35,850,653         | 15,714,750         | 51,565,403     | 13  |
| 87            | 107,851       | 103              | 153,729             | 255,499            | 275,947            | 531,446        | 14  |
| 242           | 179,996       | 263              | 232,913             | 139,008            | 523,736            | 662,744        | 15  |
| 1,507         | 1,283,647     | 1,684            | 1,652,837           | 1,478,097          | 3,061,931          | 4,540,028      | 16  |
| 34            | 40,079        | 48               | 56,500              | 91,933             | 230,151            | 322,084        |     |
| 8,843         | 9,107,818     | 12,571           | 16,192,457          | 43,108,870         | 45,495,135         | 88,604,005     | 1   |
| 144           | 190,312       | 171              | 249,417             | 422,986            | 544,231            | 967,217        | 2   |
| 169           | 161,592       | 222              | 252,002             | 485,685            | 691,527            | 1,177,212      | 3   |
| 751           | 614,305       | 825              | 746,776             | 777,160            | 1,508,213          | 2,285,373      | 4   |
| 242           | 214,930       | 375              | 409,461             | 1,079,505          | 1,402,060          | 2,481,565      | 5   |
| 10            | 12,354        | 29               | 47,552              | 77,137             | 178,759            | 255,896        | 6   |
| 223           | 163,451       | 267              | 250,912             | 668,997            | 749,906            | 1,418,903      | 7   |
| 1,251         | 1,919,407     | 1,496            | 2,496,016           | 5,034,729          | 6,832,539          | 11,867,268     | 8   |
| 17            | 16,360        | 38               | 46,474              | 213,238            | 112,367            | 325,605        | 9   |
| 73            | 92,288        | 88               | 125,721             | 420,498            | 668,291            | 1,088,789      | 10  |
| 10            | 8,196         | 26               | 27,978              | 35,976             | 58,365             | 94,341         |     |

**7.—Statistics of the Numbers, Capital, Employees, Wages, Cost of Materials  
(New)**

| No.   | Groups and Kinds of Industries.                   | Number of Establishments. | Capital.           | Salaried Employees. |                   |
|-------|---|---------------------------|--------------------|---------------------|-------------------|
|       |   |                           |                    | Number.             | Salaries.         |
| 1921. |   |                           |                    |                     |                   |
| 8.    | <b>Chemicals and allied products—con.</b>         | No.                       | \$                 |                     | \$                |
| 11    | Dyes and colours.....                             | 7                         | 468,358            | 44                  | 66,109            |
| 12    | Explosives.....                                   | 10                        | 6,265,010          | 78                  | 169,377           |
| 13    | Fertilizers.....                                  | 15                        | 3,209,240          | 91                  | 152,608           |
| 14    | Fireworks.....                                    | 5                         | 173,508            | 12                  | 39,593            |
| 15    | Flavouring extracts.....                          | 19                        | 1,473,632          | 148                 | 225,277           |
| 16    | Gases compressed.....                             | 26                        | 4,218,484          | 164                 | 295,673           |
| 17    | Insect powders.....                               | 10                        | 142,152            | 13                  | 17,688            |
| 18    | Inks (printers' and rollers).....                 | 12                        | 1,399,468          | 71                  | 241,589           |
| 19    | Inks (writing).....                               | 7                         | 215,871            | 21                  | 35,997            |
| 20    | Paints and varnishes.....                         | 49                        | 20,330,951         | 819                 | 1,893,278         |
| 21    | Patent medicines.....                             | 103                       | 12,903,071         | 822                 | 1,347,716         |
| 22    | Polishes and dressings.....                       | 33                        | 1,399,445          | 130                 | 205,519           |
| 23    | Soap.....   | 28                        | 14,499,010         | 471                 | 780,263           |
| 24    | Toilet preparations.....                          | 20                        | 1,359,544          | 98                  | 179,382           |
| 25    | Sweeping compounds.....                           | 5                         | 67,304             | 4                   | 6,883             |
| 26    | Washing compounds.....                            | 15                        | 256,111            | 24                  | 55,929            |
| 27    | Wood distillation.....                            | 10                        | 2,693,924          | 35                  | 53,391            |
| 28    | All other industries.....                         | 4                         | 2,701,227          | 36                  | 59,253            |
| 9.    | <b>Miscellaneous industries.....</b>              | <b>1,995</b>              | <b>532,671,415</b> | <b>6,445</b>        | <b>10,084,555</b> |
| 1     | Advertising and other novelties.....              | 6                         | 57,058             | 8                   | 10,802            |
| 2     | Artificial flowers and feathers.....              | 6                         | 328,491            | 46                  | 68,353            |
| 3     | Artificial limbs and trusses.....                 | 16                        | 265,750            | 39                  | 54,211            |
| 4     | Billiard tables and supplies.....                 | 4                         | 1,168,673          | 20                  | 30,547            |
| 5     | Brooms and brushes.....                           | 73                        | 3,438,812          | 224                 | 420,112           |
| 6     | Buttons.....                                      | 20                        | 1,212,229          | 65                  | 139,556           |
| 7     | Candles and tapers.....                           | 9                         | 160,342            | 11                  | 23,555            |
| 8     | Electric light and power.....                     | 857                       | 484,669,451        | 4,620               | 6,780,916         |
| 9     | Fountain pens.....                                | 4                         | 1,449,168          | 98                  | 119,135           |
| 10    | Ice, artificial.....                              | 18                        | 1,775,266          | 74                  | 188,857           |
| 11    | Jewelry cases and silverware cabinets.....        | 5                         | 178,185            | 19                  | 37,090            |
| 12    | Mattresses and springs.....                       | 50                        | 4,305,151          | 211                 | 408,379           |
| 13    | Mops.....   | 3                         | 89,198             | 5                   | 11,805            |
| 14    | Motion picture films.....                         | 4                         | 78,198             | 9                   | 16,246            |
| 15    | Musical instruments.....                          | 39                        | 8,631,767          | 206                 | 409,042           |
| 16    | Musical instrument materials.....                 | 10                        | 1,485,797          | 30                  | 83,579            |
| 17    | Phonographs.....                                  | 14                        | 3,697,811          | 113                 | 223,280           |
| 18    | Photography.....                                  | 549                       | 1,635,377          | -                   | -                 |
| 19    | Picture framing.....                              | 64                        | 358,532            | -                   | -                 |
| 20    | Pipes, tobacco.....                               | 5                         | 50,647             | 4                   | 6,728             |
| 21    | Refrigerators.....                                | 12                        | 2,813,226          | 78                  | 134,566           |
| 22    | Regalias and society emblems.....                 | 8                         | 156,386            | 19                  | 25,480            |
| 23    | Rubber stamps and steel stencils.....             | 26                        | 486,124            | 68                  | 99,154            |
| 24    | Scientific and professional equipment.....        | 5                         | 7,782,901          | 176                 | 225,376           |
| 25    | Signs.....  | 119                       | 1,305,465          | -                   | -                 |
| 26    | Sporting and athletic goods.....                  | 13                        | 687,019            | 41                  | 50,030            |
| 27    | Statuary and art goods.....                       | 13                        | 241,758            | 28                  | 42,653            |
| 28    | Store and display forms.....                      | 3                         | 113,352            | 10                  | 19,244            |
| 29    | Toys and games.....                               | 7                         | 193,824            | 23                  | 20,896            |
| 30    | Trunks and valises.....                           | 13                        | 2,104,832          | 85                  | 189,406           |
| 31    | Typewriters and supplies.....                     | 5                         | 474,250            | 22                  | 56,717            |
| 32    | Umbrellas and parasols.....                       | 7                         | 461,488            | 40                  | 91,141            |
| 33    | All other industries.....                         | 8                         | 814,887            | 53                  | 97,699            |
| 10.   | <b>Construction, hand trades and repairs.....</b> | <b>16,497</b>             | <b>159,216,557</b> | <b>3,467</b>        | <b>6,743,069</b>  |
| 1     | Automobile repairs.....                           | 2,716                     | 7,773,825          | -                   | -                 |
| 2     | Bicycle repairs.....                              | 170                       | 210,017            | -                   | -                 |
| 3     | Blacksmithing.....                                | 4,099                     | 6,521,657          | -                   | -                 |
| 4     | Boot and shoe repairs.....                        | 1,990                     | 1,361,769          | -                   | -                 |
| 5     | Bridges, iron and steel.....                      | 14                        | 16,550,077         | 456                 | 1,020,564         |
| 6     | Dyeing, cleaning and laundry work.....            | 530                       | 7,498,834          | -                   | -                 |
| 7     | Electrical contracts and repairs.....             | 336                       | 1,871,112          | -                   | -                 |
| 8     | Elevator repairs.....                             | 13                        | 1,138,700          | 75                  | 142,311           |
| 9     | Harness and saddlery repairs.....                 | 545                       | 1,799,295          | 7                   | 4,189             |
| 10    | House-building and construction.....              | 1,501                     | 50,896,653         | 2,434               | 4,334,658         |
| 11    | Jewelry repairs.....                              | 1,233                     | 1,067,544          | -                   | -                 |
| 12    | Lock and gunsmithing repairs.....                 | 23                        | 82,599             | 10                  | 12,892            |
| 13    | Painting, glazing and paperhanging.....           | 1,034                     | 2,807,311          | -                   | -                 |
| 14    | Plumbing and tinsmithing.....                     | 2,137                     | 12,219,038         | -                   | -                 |
| 15    | Roofing contracts.....                            | 28                        | 412,343            | 34                  | 64,030            |
| 16    | Shipbuilding and repairs.....                     | 38                        | 38,005,783         | 451                 | 1,164,425         |

**and Value of Products of Canadian Manufacturing Industries, 1921—concluded.**  
**Classification.)**

| Wage Earners. |                   | Total Employees. |                     | Cost of Materials. | Value of Products. |                    | No. |
|---------------|-------------------|------------------|---------------------|--------------------|--------------------|--------------------|-----|
| Number.       | Wages.            | Number.          | Salaries and Wages. |                    | Net.               | Gross.             |     |
|               | \$                |                  | \$                  | \$                 | \$                 | \$                 |     |
| 35            | 25,897            | 79               | 92,006              | 203,688            | 255,519            | 459,207            | 11  |
| 355           | 444,625           | 433              | 614,002             | 4,294,118          | 2,107,334          | 6,401,452          | 12  |
| 182           | 217,045           | 273              | 369,653             | 1,696,205          | 981,530            | 2,677,735          | 13  |
| 40            | 32,900            | 52               | 72,493              | 74,879             | 119,354            | 194,233            | 14  |
| 114           | 89,560            | 262              | 314,837             | 896,188            | 605,192            | 1,501,380          | 15  |
| 154           | 213,259           | 318              | 508,932             | 301,839            | 1,700,059          | 2,001,898          | 16  |
| 10            | 9,302             | 23               | 26,990              | 71,975             | 77,085             | 149,060            | 17  |
| 139           | 178,322           | 210              | 419,911             | 720,777            | 1,044,156          | 1,764,933          | 18  |
| 43            | 34,296            | 64               | 70,293              | 129,730            | 179,610            | 309,340            | 19  |
| 1,412         | 1,406,311         | 2,231            | 3,299,589           | 9,714,521          | 8,329,804          | 18,044,325         | 20  |
| 1,408         | 1,182,182         | 2,230            | 2,529,898           | 4,466,001          | 7,479,434          | 11,945,435         | 21  |
| 136           | 123,897           | 266              | 329,416             | 741,607            | 703,619            | 1,445,226          | 22  |
| 985           | 956,826           | 1,456            | 1,737,089           | 7,695,474          | 5,515,940          | 13,211,414         | 23  |
| 238           | 138,622           | 336              | 318,004             | 670,000            | 1,086,300          | 1,756,300          | 24  |
| 6             | 7,932             | 10               | 14,815              | 56,660             | 62,031             | 118,691            | 25  |
| 53            | 49,044            | 77               | 104,973             | 117,230            | 222,877            | 340,107            | 26  |
| 238           | 273,530           | 273              | 326,921             | 986,547            | 1,214,841          | 2,201,388          | 27  |
| 405           | 331,073           | 441              | 390,326             | 1,055,520          | 1,064,192          | 2,119,712          | 28  |
| <b>16,551</b> | <b>18,701,095</b> | <b>22,996</b>    | <b>28,785,650</b>   | <b>18,989,818</b>  | <b>101,562,721</b> | <b>120,552,539</b> |     |
| 40            | 28,616            | 48               | 39,418              | 53,519             | 64,287             | 117,806            | 1   |
| 157           | 104,344           | 203              | 172,697             | 160,490            | 294,371            | 454,861            | 2   |
| 76            | 67,403            | 115              | 121,614             | 89,835             | 265,874            | 355,709            | 3   |
| 136           | 156,971           | 156              | 187,518             | 451,918            | 639,930            | 1,091,848          | 4   |
| 870           | 652,797           | 1,094            | 1,072,909           | 1,827,944          | 1,960,505          | 3,788,449          | 5   |
| 425           | 283,732           | 490              | 423,288             | 359,661            | 880,153            | 1,239,814          | 6   |
| 37            | 28,626            | 48               | 52,181              | 77,496             | 109,698            | 187,194            | 7   |
| 6,094         | 8,453,762         | 10,714           | 15,234,678          | -                  | 73,636,094         | 73,636,094         | 8   |
| 261           | 217,595           | 359              | 336,730             | 446,311            | 651,926            | 1,098,237          | 9   |
| 228           | 313,391           | 302              | 502,248             | 46,368             | 1,106,881          | 1,153,249          | 10  |
| 73            | 66,183            | 92               | 103,273             | 42,070             | 144,880            | 186,950            | 11  |
| 1,138         | 1,190,211         | 1,349            | 1,598,590           | 3,665,562          | 3,502,854          | 7,168,416          | 12  |
| 18            | 15,091            | 23               | 26,896              | 69,262             | 45,535             | 114,797            | 13  |
| 32            | 54,026            | 41               | 70,272              | 67,913             | 116,011            | 183,924            | 14  |
| 1,646         | 1,702,271         | 1,852            | 2,111,313           | 2,889,344          | 3,126,428          | 6,015,772          | 15  |
| 340           | 343,929           | 370              | 427,508             | 512,525            | 662,427            | 1,174,952          | 16  |
| 399           | 437,567           | 512              | 660,847             | 1,323,902          | 1,934,444          | 3,258,346          | 17  |
| 1,075         | 887,229           | 1,075            | 887,229             | 855,728            | 2,241,811          | 3,097,539          | 18  |
| 189           | 184,690           | 189              | 184,690             | 248,808            | 390,622            | 639,430            | 19  |
| 49            | 49,092            | 53               | 55,820              | 48,237             | 77,629             | 125,866            | 20  |
| 419           | 463,402           | 497              | 597,968             | 899,289            | 1,430,814          | 2,330,103          | 21  |
| 63            | 50,330            | 82               | 75,810              | 121,252            | 142,411            | 263,663            | 22  |
| 165           | 196,013           | 233              | 295,167             | 118,839            | 436,662            | 555,501            | 23  |
| 735           | 716,579           | 911              | 941,955             | 1,801,614          | 2,371,715          | 4,173,329          | 24  |
| 724           | 927,896           | 724              | 927,896             | 358,781            | 2,083,177          | 2,441,958          | 25  |
| 198           | 170,027           | 239              | 220,057             | 372,950            | 482,746            | 855,696            | 26  |
| 129           | 147,506           | 157              | 190,159             | 97,161             | 268,076            | 365,237            | 27  |
| 43            | 54,708            | 53               | 73,952              | 54,434             | 114,517            | 168,951            | 28  |
| 51            | 38,205            | 74               | 59,101              | 70,893             | 74,620             | 145,513            | 29  |
| 539           | 513,458           | 624              | 702,864             | 838,000            | -1,388,474         | 2,226,474          | 30  |
| 44            | 46,699            | 66               | 103,416             | 250,977            | 218,369            | 469,346            | 31  |
| 64            | 54,979            | 104              | 146,120             | 358,305            | 307,543            | 665,848            | 32  |
| 94            | 83,767            | 147              | 181,466             | 410,430            | 391,237            | 801,667            | 33  |
| <b>69,687</b> | <b>73,613,639</b> | <b>73,154</b>    | <b>80,356,708</b>   | <b>76,592,585</b>  | <b>134,352,519</b> | <b>210,945,104</b> |     |
| 7,188         | 5,940,102         | 7,188            | 5,940,102           | 7,515,942          | 10,989,970         | 18,505,912         | 1   |
| 235           | 169,652           | 235              | 169,652             | 155,145            | 349,259            | 504,404            | 2   |
| 4,936         | 3,966,287         | 4,936            | 3,966,287           | 2,026,908          | 6,606,707          | 8,633,615          | 3   |
| 2,575         | 1,964,583         | 2,575            | 1,964,583           | 1,525,072          | 3,352,326          | 4,877,398          | 4   |
| 1,576         | 2,279,097         | 2,032            | 3,299,661           | 5,971,417          | 6,077,357          | 12,048,774         | 5   |
| 6,807         | 6,150,698         | 6,807            | 6,150,698           | 1,600,800          | 11,812,987         | 13,413,787         | 6   |
| 1,278         | 1,507,625         | 1,278            | 1,507,625           | 2,327,454          | 2,726,749          | 5,054,203          | 7   |
| 196           | 246,651           | 271              | 388,962             | 1,284,840          | 629,113            | 1,913,953          | 8   |
| 565           | 341,504           | 572              | 345,693             | 334,407            | 605,556            | 939,963            | 9   |
| 26,583        | 30,652,227        | 29,017           | 3,496,885           | 31,155,060         | 54,069,271         | 85,224,331         | 10  |
| 1,917         | 1,546,081         | 1,917            | 1,546,081           | 433,445            | 2,812,123          | 3,245,568          | 11  |
| 33            | 31,437            | 43               | 44,329              | 18,588             | 77,464             | 96,052             | 12  |
| 3,392         | 3,471,956         | 3,392            | 3,471,956           | 2,157,058          | 5,822,345          | 7,979,403          | 13  |
| 6,935         | 7,828,108         | 6,935            | 7,828,108           | 13,777,756         | 14,482,570         | 28,260,326         | 14  |
| 178           | 200,894           | 212              | 264,924             | 322,664            | 415,692            | 738,356            | 15  |
| 5,293         | 7,316,737         | 5,744            | 8,481,162           | 5,986,029          | 13,523,030         | 19,509,059         | 16  |

### 3.—Capital Employed.

In a retrospective study of capital employed in Canadian manufactures since 1900, the remarkable increase denotes rapid growth in the 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 five hands and over, and while the rise of wholesale prices did not exceed 37 p.c. the capital employed in manufactures increased nearly 340 p.c.

The capital used during 1921 in all establishments, irrespective of the number of employees, was \$3,210,700,000, compared with \$1,994,100,000 in 1915, an increase of more than 60 p.c. in seven years. While price levels were higher in 1921 than in 1915, it should be remembered that a considerable part of the industrial capital of the country was inactive in 1921 and consequently not included in the statistics.

The provincial distribution of the manufactures of Canada is illustrated by the capital invested in the operation of the plants. Capital employed in Ontario during 1919 was 49·0 p.c. of the total, increasing to 49·5 p.c. in 1920 and 50·5 p.c. in 1921. The proportion of the total capital employed in the plants of Quebec was 29·0 p.c. in 1919, 30·0 p.c. in 1920 and 30·3 p.c. in 1921. British Columbia held third place, with a capital of 6·6 p.c. of the total in 1921, while Nova Scotia, New Brunswick and Manitoba followed in the order named, with proportions of between 3 p.c. and 4 p.c. each.

In a survey of the industrial groups in which the capital of the country is invested, it appears that the wood and paper group led in 1921, with an investment of 24.1 p.c. of the total. The iron and steel group was second, with 17.9 p.c. In 1920, the wood and paper group employed 22.4 p.c. and the iron and steel group 18.7 p.c. of the total capital. Thus the expansion of the wood and paper group continued, in spite of the depression which affected a majority of the other groups. The proportion of the capital employed by the miscellaneous group, including the electric power industry, increased from 14.6 p.c. in 1920 to 16.6 p.c. in 1921.

The statistics of capital employed in the manufacturing industries are of interest in deducing the proportions of fixed and liquid assets. In 1920, lands, buildings and machinery constituted 53.6 p.c. of the total capital, while in 1921 the proportion increased to 58.9 p.c. Fixed assets increased from \$1,844,000,000 to \$1,892,000,000, while quick assets, including the materials on hand, stock in process, cash and sundries, declined from \$1,598,000,000 to \$1,249,000,000. These results indicate that the value of real property utilized in manufactures continued to increase, while writing down of inventories and decline of working capital is characteristic of a period of depression.

**8.—Capital Employed in the Manufacturing Industries of Canada in Percentages,  
by Provinces 1915, 1917-1921.**

**9.—Capital Employed in the Manufacturing Industries of Canada, by Industrial Groups, 1920-1921.**

| Industrial Groups.                         | 1920.                |              | 1921.                |              |
|--|----------------------|--------------|----------------------|--------------|
|  | Amount.              | Per-cent.    | Amount.              | Per-cent.    |
|  |                      |              | \$                   | \$           |
| Vegetable products.....                    | 396,305,898          | 11·5         | 362,665,357          | 11·3         |
| Animal products.....                       | 221,792,457          | 6·4          | 200,697,527          | 6·3          |
| Textiles.....                              | 321,750,003          | 9·3          | 284,118,883          | 8·2          |
| Wood and paper.....                        | 772,086,812          | 22·4         | 775,207,859          | 24·1         |
| Iron and steel.....                        | 642,904,322          | 18·7         | 575,680,424          | 17·9         |
| Non-ferrous metals.....                    | 109,382,033          | 3·2          | 104,079,490          | 3·2          |
| Non-metallic minerals.....                 | 143,681,810          | 4·2          | 126,989,134          | 4·0          |
| Chemicals and allied products.....         | 122,123,730          | 3·6          | 118,382,642          | 3·7          |
| Miscellaneous industries.....              | 503,382,290          | 14·6         | 532,671,415          | 16·6         |
| Construction, hand trades and repairs..... | 209,866,698          | 6·1          | 150,216,557          | 4·7          |
| <b>Total for Canada.....</b>               | <b>3,433,276,053</b> | <b>100·0</b> | <b>3,210,709,288</b> | <b>100·0</b> |

**10.—Capital Employed in the Manufacturing Industries of Canada by Provinces and by Groups of Industries, 1921.**

(A) BY PROVINCES.

| Distribution.             | Number of establish-ments. | Land, buildings and fixtures. | Machinery and tools. | Materials on hand, stocks in process and supplies on hand. | Cash, trading and operating accounts and bills receivable. | Total.               |
|---------------------------|----------------------------|-------------------------------|----------------------|--|--|----------------------|
|                           |                            |                               |                      |  |  |                      |
|                           | No.                        | \$                            | \$                   | \$   | \$   | \$                   |
| <b>Canada.....</b>        | <b>41,323</b>              | <b>1,052,213,773</b>          | <b>840,111,646</b>   | <b>690,900,521</b>   | <b>558,640,111</b>   | <b>3,210,709,288</b> |
| Prince Edward Island..... | 446                        | 625,315                       | 825,646              | 457,344  | 334,612  | 2,452,826            |
| Nova Scotia.....          | 2,196                      | 47,025,027                    | 27,396,702           | 16,518,566   | 14,280,950   | 107,490,242          |
| New Brunswick.....        | 1,326                      | 37,528,838                    | 26,053,093           | 26,568,768   | 12,013,875   | 103,367,891          |
| Quebec.....               | 10,762                     | 337,596,055                   | 245,176,765          | 208,925,312  | 167,847,990  | 973,722,564          |
| Ontario.....              | 18,093                     | 485,910,115                   | 423,228,124          | 371,870,822  | 303,954,934  | 1,620,681,181        |
| Manitoba.....             | 1,965                      | 31,179,665                    | 28,754,301           | 18,361,358   | 18,361,811   | 100,441,542          |
| Saskatchewan.....         | 2,027                      | 10,141,081                    | 10,648,073           | 5,109,053  | 4,710,990  | 34,794,506           |
| Alberta.....              | 2,024                      | 18,529,361                    | 15,706,893           | 8,018,654  | 9,716,471  | 55,538,526           |
| British Columbia.....     | 2,470                      | 82,981,873                    | 61,906,638           | 34,980,730   | 27,217,184   | 210,798,811          |
| Yukon.....                | 14                         | 696,443                       | 415,411              | 89,914   | 201,294  | 1,421,199            |

(B) BY INDUSTRIAL GROUPS.

|  |        |             |             |             |             |             |
|--|--------|-------------|-------------|-------------|-------------|-------------|
| Vegetable products.....                    | 3,958  | 122,357,241 | 78,639,192  | 91,733,054  | 67,343,405  | 362,665,357 |
| Animal products.....                       | 5,051  | 56,455,522  | 32,902,430  | 63,591,106  | 47,748,469  | 200,697,527 |
| Textile products.....                      | 4,046  | 55,964,050  | 57,926,952  | 73,772,840  | 65,488,510  | 264,118,883 |
| Wood and paper.....                        | 7,152  | 269,693,940 | 202,893,117 | 188,346,020 | 103,621,022 | 775,207,859 |
| Iron and its products.....                 | 1,138  | 154,414,781 | 154,590,441 | 146,873,123 | 119,802,079 | 575,680,424 |
| Non-ferrous metals.....                    | 344    | 23,884,191  | 23,987,862  | 30,592,485  | 25,614,952  | 104,079,490 |
| Non-metallic minerals.....                 | 764    | 77,876,836  | 12,662,365  | 27,469,201  | 8,980,732   | 126,989,134 |
| Chemicals and allied products.....         | 468    | 47,661,956  | 17,484,515  | 30,515,002  | 22,721,169  | 118,382,642 |
| Miscellaneous industries.....              | 1,995  | 205,965,721 | 236,743,765 | 23,707,398  | 62,955,157  | 532,671,415 |
| Construction, hand trades and repairs..... | 16,407 | 37,939,535  | 22,281,007  | 14,300,292  | 34,364,616  | 150,216,557 |

#### 4.—Employment.

The total number of persons engaged in the manufacturing industries of Canada in 1921 was 517,141, as compared with 685,349 in 1920 and 682,434 in 1919. The employees consisted in 1921 of 76,777 persons on salaries and 440,364 wage earners. This latter figure, representing the average number of wage earners employed during the entire year, was ascertained by dividing twelve into the sum of the numbers on the payrolls on the 15th of each month.

A comparison of the average number of wage earners is an excellent measure of industrial activity. In Table 11 index numbers, based on data for 1915 equalling 100, are given to show the variation in employment. The index numbers of the volume of products are also inserted for comparative purposes. Aside from the considerable drop in 1921, the indices of employment indicate less violent change than those of production. For example, the index of employment increased from 150.2 in 1919 to 150.6 in 1920, while the index of production increased from 118 to 133. In 1921 the number of wage earners was 11.3 p.c. greater than in 1915 and production was 27 p.c. greater.

#### 11.—Wage-earners in Manufacturing Industries, 1915, 1917 to 1921.

| Years.    | Average Number of Wage Earners. <sup>1</sup> | Index Numbers.                  |                                  |
|-----------|--|---------------------------------|----------------------------------|
|           |  | Average Number of Wage Earners. | Volume of Manufactured Products. |
| 1915..... | 395,681                                      | 100·0                           | 100                              |
| 1917..... | 601,305                                      | 152·0                           | 142                              |
| 1918..... | 603,116                                      | 152·4                           | 137                              |
| 1919..... | 594,118                                      | 150·2                           | 118                              |
| 1920..... | 596,052                                      | 150·6                           | 133                              |
| 1921..... | 440,364                                      | 111·3                           | 127                              |

<sup>1</sup> Exclusive of outside piece workers.

**Employment by Provinces.**—The concentration of manufacturing establishments in the provinces of Ontario and Quebec is shown by the fact that in 1921 the employees in the former province were 50 p.c. and in the latter 30.8 p.c. of the total. The proportions in the other provinces were 5.5 p.c. in British Columbia, 4 p.c. in Manitoba and 3.3 p.c. in Nova Scotia, the employment in the remaining provinces ranging from .21 p.c. to slightly more than 3 p.c. The striking feature of the six year interval between 1915 and 1921 was the extraordinary industrial growth of the prairie provinces and the steady development in the industrialized area of Ontario and Quebec. Employees in the factories of Saskatchewan and Alberta increased 107.6 p.c. and 51.4 p.c. respectively. The ratio of increase in Quebec was 19.2 p.c., and in Ontario 16.2 p.c. The average employment throughout Canada of workers of all ranks, exclusive of outside piece workers, was 448,364 in 1915, (497,170 on Dec. 15, 1915), which increased by 15.3 p.c. to 517,141 in 1921.

**Sex Distribution of Employees.**—In Ontario the ratio of the number of female wage earners employed in factories to the number of males during 1915 was 22.7 p.c., while in 1921 the ratio increased to 23.2 p.c. In Quebec the ratio was 27.1 p.c. in 1915 and 32.5 p.c. in 1921. The employment of women was, however, largely confined to a few trades, the expansion of the textile and clothing industries being a chief cause of the increase in female employment. In addition the preparation of food, book-binding and other light factory work were specifically regarded as women's trades. From 1915 to 1921, the male wage earners of Canada increased

8·9 p.c., while the female workers increased nearly 22 p.c. The more rapid increase of female employment was largely due to the special conditions resulting from the war.

**Age Distribution.**—In the wage data collected on the census of industry schedules a division was made between the employees under 16 years and those over that age. In 1918, 18,717 children under 16 were drawing wages, of whom 7,226 were girls. Wage earners under 16 years of age declined to 15,155 in 1919 and to 12,011 in 1920. The percentage of children to the total number of wage earners classified in this connection, as of December 15 or nearest representative date, was 2·1 in 1915, advancing to slightly over 3 p.c. in 1917 and 1918, and declining to 2·9 p.c. and 2·4 p.c. respectively in 1919 and 1920.

**Fluctuation of Employment.**—The number of wage earners employed in Canadian manufactures in January, 1920, was 551,578. Steady increases were registered until July, when 638,133 were employed. During the remainder of the year declines were the order of the day, the recession in December as compared with the previous month being from 571,646 to 519,777. The month of July was from the viewpoint of employment the turning point of the post-war boom.

**Earnings of Employees.**—The total amount paid to the employees in industrial plants during 1921 was \$581·4 million as compared with \$285·9 million in 1915. The wage payments in 1921 were \$441·3 million, while the salaried employees received a remuneration of \$140·1 million. The average yearly wage of the wage earner was \$1,002·06 in 1921 as compared with \$570·11 in 1915, an increase of 75·8 p.c. in average earnings. When the index number representing the average yearly wages with 1915 as a base is divided by the index number of the cost of living with the same base, it is seen that real wages advanced by about 10 p.c. in the six year interval. The details of the computation are given in Table 12.

#### 12.—Average Yearly Earnings and Real Wages of Wage Earners in Manufacturing Industries, 1915, 1917 to 1921.

| Years.    | Amount<br>of Wages<br>paid. | Average<br>Number<br>of Wage<br>Earners. | Average<br>Yearly<br>Earnings. | Index Numbers.                 |                   |   |
|-----------|-----------------------------|--|--------------------------------|--------------------------------|-------------------|---|
|           |                             |  |                                | Average<br>Yearly<br>Earnings. | Retail<br>Prices. | Real value<br>of Average<br>Yearly<br>Earnings. |
|           | \$                          |  | \$ cts.                        |                                |                   |   |
| 1915..... | 225,580,998                 | 395,681                                  | 570·11                         | 100·0                          | 100·0             | 100·  |
| 1917..... | 455,199,823                 | 601,305                                  | 757·20                         | 132·8                          | 132·9             | 99·9  |
| 1918..... | 522,287,570                 | 603,116                                  | 865·96                         | 151·9                          | 151·6             | 100·2   |
| 1919..... | 558,580,707                 | 594,118                                  | 941·83                         | 165·2                          | 163·2             | 101·2   |
| 1920..... | 657,701,361                 | 596,052                                  | 1,103·43                       | 193·5                          | 181·7             | 106·5   |
| 1921..... | 441,291,494                 | 440,364                                  | 1,002·06                       | 175·8                          | 159·8             | 110·0   |

**Classification by Wages.**—Information collected at this census regarding weekly wages of employees in manufacturing industries, is tabulated by groups of industries and by wage groups in the Wages subsection of the Labour, Wages and Prices section of the Canada Year Book, 1922-23, to which the student of industrial wages is referred.

Summary statistics of the number of salaried and wage-earning employees of manufacturing industries, with the amount of salaries and wages paid in 1920 and 1921, are given by provinces in Table 13.

## 13.—Male and Female Employees on Salaries and Wages, by Provinces, 1920 and 1921.

| Provinces.                | Employees on<br>Salaries. |               | Salaries.          | Employees on<br>Wages. |                | Wages.             |
|---------------------------|---------------------------|---------------|--------------------|------------------------|----------------|--------------------|
|                           | Males.                    | Females.      |                    | Males.                 | Females.       |                    |
| 1920.                     | No.                       | No.           | \$                 | No.                    | No.            | \$                 |
| Prince Edward Island..... | 187                       | 26            | 166,897            | 1,103                  | 327            | 966,344            |
| Nova Scotia.....          | 1,918                     | 561           | 3,702,046          | 23,054                 | 2,866          | 27,381,724         |
| New Brunswick.....        | 1,534                     | 378           | 3,012,436          | 16,075                 | 3,143          | 18,281,989         |
| Quebec.....               | 19,965                    | 4,360         | 44,582,393         | 138,136                | 42,970         | 179,655,354        |
| Ontario.....              | 35,766                    | 11,629        | 83,544,934         | 230,662                | 55,935         | 324,658,628        |
| Manitoba.....             | 3,472                     | 784           | 7,662,168          | 21,394                 | 3,114          | 31,407,110         |
| Saskatchewan.....         | 1,276                     | 220           | 2,435,758          | 8,440                  | 540            | 11,984,484         |
| Alberta.....              | 1,977                     | 386           | 4,042,323          | 10,969                 | 1,086          | 14,941,806         |
| British Columbia.....     | 4,107                     | 737           | 9,186,548          | 33,618                 | 2,574          | 48,337,252         |
| Yukon.....                | 12                        | 2             | 18,275             | 43                     | 3              | 86,670             |
| <b>Canada.....</b>        | <b>70,214</b>             | <b>19,083</b> | <b>158,353,778</b> | <b>483,494</b>         | <b>112,558</b> | <b>657,701,361</b> |
| 1921.                     |                           |               |                    |                        |                |                    |
| Prince Edward Island..... | 155                       | 11            | 127,461            | 719                    | 213            | 524,159            |
| Nova Scotia.....          | 1,420                     | 364           | 2,843,127          | 13,351                 | 2,071          | 13,820,793         |
| New Brunswick.....        | 1,272                     | 289           | 2,540,531          | 9,702                  | 2,478          | 9,275,133          |
| Quebec.....               | 16,709                    | 3,607         | 39,023,881         | 105,201                | 34,181         | 125,426,562        |
| Ontario.....              | 33,123                    | 9,672         | 76,921,367         | 174,911                | 40,639         | 227,016,719        |
| Manitoba.....             | 2,945                     | 675           | 6,628,005          | 14,609                 | 2,503          | 20,364,328         |
| Saskatchewan.....         | 969                       | 151           | 1,865,979          | 5,750                  | 365            | 6,976,307          |
| Alberta.....              | 1,489                     | 290           | 3,168,767          | 6,942                  | 1,603          | 8,991,762          |
| British Columbia.....     | 3,165                     | 460           | 6,978,199          | 22,882                 | 2,193          | 28,797,329         |
| Yukon.....                | 11                        | -             | 13,574             | 48                     | 3              | 98,402             |
| <b>Canada.....</b>        | <b>61,258</b>             | <b>15,519</b> | <b>140,110,891</b> | <b>354,115</b>         | <b>86,249</b>  | <b>441,291,494</b> |

## 8.—Power and Fuel.

**Power.**—The statistics of the use of mechanical power in manufacturing establishments bring into relief another phase of industrial development in Canada. The total h.p. used has been computed for the years 1917 to 1921. The power produced by steam and internal combustion engines, by water wheels and motors and other unspecified units, as well as the electric power purchased from outside concerns, was included in the total. The aggregate used in 1917 was 3,592,940 h.p. which in 1918 declined to 3,518,004 h.p. During the two following years increases took place to 3,544,607 h.p. in 1919 and 3,698,479 h.p. in 1920. On account of the recession in manufacturing activity during 1921, the power used declined to 3,492,646 h.p. The power developed by electric motors in 1921 was 755,982 h.p., as compared with 813,273 h.p. in the previous year.

The total h.p. used in the factories of Ontario in 1921 was 1,477,776 and Quebec followed with 1,167,460 h.p. Third came British Columbia, with a horsepower of 376,196. The total electrical power used in Ontario was 367,113 h.p., and in Quebec 246,719 h.p.

Aside from the miscellaneous group, which includes the central electric stations, the wood and paper group used most power in 1921. The utilization amounted to 835,707 h.p., which may be compared with the 171,190 h.p. used by the vegetable products group, including the flour milling industry. The mills and factories engaged in the manufacture of iron and steel products held fourth place, using 130,738 h.p.

**14.—Power used in the Manufacturing Industries of Canada by Provinces, and Groups of Industries, 1921.**

| Provinces and Groups.                      | Steam Engines  | Gas Engines   | Oil Engines   | Gasoline Engines | Water Wheels and Motors. | Electric Motors. | Other Power.  | Total. <sup>1</sup> |
|--|----------------|---------------|---------------|------------------|--------------------------|------------------|---------------|---------------------|
| <b>PROVINCES.</b>                          |                |               |               |                  |                          |                  |               |                     |
| Prince Edward Island.....                  | 1,367          | 12            | 1,032         | 637              | 1,832                    | 157              | 44            | 5,029               |
| Nova Scotia.....                           | 45,048         | 1,130         | 2,051         | 900              | 24,663                   | 15,333           | 1,207         | 85,221              |
| New Brunswick.....                         | 45,202         | 482           | 1,305         | 1,309            | 19,394                   | 31,860           | 291           | 89,223              |
| Quebec.....                                | 141,993        | 1,126         | 1,425         | 2,927            | 851,100                  | 246,719          | 4,410         | 1,167,460           |
| Ontario.....                               | 213,711        | 12,939        | 1,293         | 3,518            | 983,181                  | 367,113          | 18,392        | 1,477,776           |
| Manitoba.....                              | 20,801         | 92            | 1,334         | 418              | 82,747                   | 18,506           | 457           | 118,186             |
| Saskatchewan.....                          | 50,906         | 53            | 7,392         | 450              | 2                        | 6,058            | 75            | 62,917              |
| Alberta.....                               | 56,838         | 1,137         | 1,819         | 537              | 32,444                   | 11,391           | 26            | 100,395             |
| British Columbia.....                      | 99,934         | 272           | 2,505         | 1,359            | 229,935                  | 58,840           | 2,964         | 376,196             |
| Yukon.....                                 | 240            | —             | —             | —                | 10,000                   | 5                | —             | 10,243              |
| <b>Total.....</b>                          | <b>676,040</b> | <b>17,243</b> | <b>20,156</b> | <b>12,055</b>    | <b>2,235,298</b>         | <b>755,982</b>   | <b>27,866</b> | <b>3,492,646</b>    |
| <b>GROUPS.</b>                             |                |               |               |                  |                          |                  |               |                     |
| Vegetable products.....                    | 43,741         | 2,018         | 828           | 3,046            | 39,181                   | 119,034          | 3,020         | 171,190             |
| Animal products.....                       | 19,878         | 444           | 142           | 3,234            | 1,386                    | 39,007           | 793           | 51,882              |
| Textiles.....                              | 16,092         | 717           | 36            | 139              | 22,495                   | 67,285           | 936           | 85,272              |
| Wood and paper.....                        | 274,035        | 5,774         | 1,568         | 4,058            | 336,503                  | 294,910          | 17,162        | 835,707             |
| Iron and steel.....                        | 26,315         | 7,431         | 238           | 426              | 3,332                    | 135,189          | 2,870         | 130,738             |
| Non-ferrous metals.....                    | 2,159          | 8             | 24            | —                | 2,525                    | 23,383           | 1,381         | 21,686              |
| Non-metallic minerals.....                 | 11,238         | 814           | 1,389         | 257              | 8                        | 19,374           | 1,521         | 28,143              |
| Chemicals.....                             | 5,962          | 25            | 6             | 858              | 3,511                    | 38,299           | 106           | 36,000              |
| Miscellaneous.....                         | 272,458        | 3             | 15,925        | 3                | 1,826,357                | 10,298           | 77            | 2,121,688           |
| Hand trades, construction and repairs..... | 4,162          | 9             | —             | 34               | —                        | 9,203            | —             | 10,340              |

<sup>1</sup> For the purpose of eliminating an obvious duplication, where electric motors are run by power generated by the reporting establishments, a deduction of one-third of the horsepower furnished by electric motors is made in computing the total.

**Fuel.**—The fuel used in industrial establishments in 1921 included 4,129,265 tons of bituminous coal, valued at \$35,001,349, constituting 67.3 p.c. of the total fuel cost. The other chief fuels in order of value were fuel oil, comprising 10.5 p.c.; anthracite coal 5.6 p.c. and coke 4.8 p.c. In 1921 the foreign bituminous coal used amounted to 2,867,355 tons, as compared with 1,261,910 tons of domestic production.

Out of a fuel account of nearly \$52,000,000, Ontario expended \$24,100,000 or 46 p.c. of the total. The manufacturing concerns of Quebec expended \$15,500,000 and those of Nova Scotia \$3,500,000. The fuel account of Ontario included 1,984,715 tons of foreign bituminous coal, valued at \$16,990,643. Quebec used 835,305 tons of foreign soft coal worth \$8,748,283.

The groups of industry in which fuel was most extensively used in 1921 were wood and paper, \$14,870,515; iron and steel, \$9,621,669; vegetable products, \$7,455,321 and non-metallic minerals \$6,183,707. Fuel is used quite generally throughout the industrial field for the generation of power by means of internal combustion and steam engines. The principal industries where fuel is used as a material that enters into the actual composition of the product, are the manufactures of coke and gas. The most important industries where heat is applied directly to materials to transform them or to facilitate their manipulation are foundries and machine shops, blast furnaces and steel mills, non-ferrous metal smelting, brick and tile, lime and cement, petroleum refining and the glass industry.

## 15.—Fuel used in the Manufacturing Industries of Canada, by Provinces, 1921.

| Provinces and Groups.                     | Bituminous Coal. |                   | Anthra-cite<br>Coal. | Lignite<br>Coal. | Coke.            | Gaso-line.     | Oil.             | Other.           |
|---|------------------|-------------------|----------------------|------------------|------------------|----------------|------------------|------------------|
|   | Tons.            | \$                |                      |                  |                  |                |                  |                  |
| <b>PROVINCES.</b>                         |                  |                   |                      |                  |                  |                |                  |                  |
| Prince Edward Island...                   | 5,061            | 52,667            | 9,831                | 2,566            | 510              | 180,998        | 912              | 15,838           |
| Nova Scotia.....                          | 427,594          | 2,105,209         | 92,433               | 7,981            | 239,702          | 37,851         | 974,930          | 53,317           |
| New Brunswick.....                        | 237,163          | 1,957,814         | 53,101               | 2,558            | 13,311           | 14,058         | 24,131           | 94,307           |
| Quebec.....                               | 1,033,732        | 10,910,430        | 1,340,006            | 84,593           | 537,991          | 60,615         | 1,458,876        | 1,019,493        |
| Ontario.....                              | 2,031,996        | 17,403,284        | 1,124,957            | 63,230           | 1,478,475        | 296,961        | 1,924,294        | 1,763,858        |
| Manitoba.....                             | 64,726           | 587,459           | 122,024              | 201,418          | 123,562          | 39,840         | 56,199           | 128,132          |
| Saskatchewan.....                         | 49,866           | 418,155           | 75,189               | 579,738          | 13,029           | 649            | 69,611           | 466,715          |
| Alberta.....                              | 120,222          | 387,799           | 59,811               | 375,484          | 26,089           | 41,902         | 507              | 53,702           |
| British Columbia.....                     | 158,640          | 1,174,651         | 53,005               | 10,103           | 82,846           | 59,035         | 956,736          | 415,903          |
| Yukon.....                                | 265              | 3,881             | -                    | -                | -                | -              | -                | 7,316            |
| <b>Total.....</b>                         | <b>4,129,265</b> | <b>35,001,349</b> | <b>2,930,357</b>     | <b>1,327,671</b> | <b>2,515,515</b> | <b>739,328</b> | <b>5,466,196</b> | <b>4,018,581</b> |
| <b>GROUPS.</b>                            |                  |                   |                      |                  |                  |                |                  |                  |
| Vegetable products.....                   | 559,279          | 4,634,807         | 893,686              | 238,244          | 346,538          | 106,761        | 572,532          | 662,753          |
| Animal products.....                      | 302,168          | 2,354,006         | 260,330              | 157,636          | 36,105           | 156,892        | 71,635           | 724,386          |
| Textiles.....                             | 282,265          | 2,765,206         | 235,097              | 46,021           | 51,755           | 16,241         | 11,912           | 58,854           |
| Wood and paper.....                       | 1,295,814        | 12,467,581        | 763,121              | 33,412           | 21,537           | 132,554        | 405,842          | 1,046,468        |
| Iron and steel.....                       | 830,006          | 5,835,331         | 338,315              | 50,990           | 1,400,717        | 122,390        | 1,306,487        | 567,439          |
| Non-ferrous metals.....                   | 73,913           | 642,713           | 92,556               | 5,516            | 82,678           | 44,049         | 139,962          | 106,496          |
| Non-metallic minerals...                  | 255,894          | 2,307,018         | 41,320               | 4,612            | 437,724          | 49,527         | 2,699,194        | 644,312          |
| Chemicals.....                            | 189,568          | 1,642,952         | 98,304               | 27,584           | 115,698          | 20,034         | 62,854           | 63,463           |
| Miscellaneous.....                        | 314,164          | 2,102,977         | 193,023              | 762,441          | 4,648            | 81,493         | 147,382          | 126,711          |
| Hand trades, construction and repair..... | 26,194           | 248,668           | 14,605               | 1,215            | 18,115           | 9,387          | 48,396           | 17,699           |

## 6.—Localization of Manufacturing Industries.

The prosperity of most of the cities and large towns of Canada is intimately connected with their manufacturing industries. Statistics of the manufacturing industries in all cities, towns and villages of over 1,000 population throughout the country, as ascertained at the census of 1921, are given in Table 16. As a consequence of the gathering momentum of the post-war boom, the figures for 1920 are in many cases strikingly increased from those of 1919, as in the cases of Windsor and Walkerville. Cities having a gross manufacturing production of over \$100,000,000 each in 1920, in the order of the value of their products, were Montreal, Toronto, Hamilton and Winnipeg. Vancouver and Ottawa, the only cities in the \$50,000,000 to \$100,000,000 class in 1920, produced manufactures to the gross value of \$98,689,520 and \$57,708,929 respectively. Other important manufacturing cities producing in 1920 goods to a gross value of between \$30,000,000 and \$50,000,000 were in the order of value produced, London, Quebec, Kitchener, Brantford, Sault Ste. Marie, Peterborough, Sydney, Calgary, Oshawa, Sarnia, Edmonton and Walkerville. For details the reader is referred to Table 16.

**16.—Statistics of Manufactures by Cities, Towns and Villages of 1,000 population and over, 1920.**

| Cities and Towns.     | Establishments. | Capital.   | Employees. | Salaries and wages. | Cost of materials. | Value of products. |
|-----------------------|-----------------|------------|------------|---------------------|--------------------|--------------------|
|                       | No.             | \$         | No.        | \$                  | \$                 | \$                 |
| <b>P. E. Island—</b>  |                 |            |            |                     |                    |                    |
| Charlottetown.....    | 76              | 1,604,950  | 642        | 611,356             | 1,812,637          | 2,998,810          |
| Souris.....           | 15              | 66,828     | 51         | 19,601              | 30,799             | 75,555             |
| Summerside.....       | 33              | 350,052    | 177        | 121,547             | 198,218            | 547,825            |
| <b>Nova Scotia—</b>   |                 |            |            |                     |                    |                    |
| Amherst.....          | 71              | 11,435,925 | 2,267      | 2,636,217           | 6,458,422          | 10,839,717         |
| Antigonish.....       | 23              | 206,903    | 79         | 57,324              | 115,427            | 213,837            |
| Bridgetown.....       | 22              | 359,757    | 129        | 90,003              | 190,244            | 400,247            |
| Bridgewater.....      | 45              | 2,790,221  | 285        | 226,887             | 455,931            | 871,544            |
| Canso.....            | 14              | 449,428    | 166        | 117,650             | 336,599            | 568,034            |
| Dartmouth.....        | 42              | 9,008,043  | 1,581      | 2,015,674           | 3,012,630          | 6,074,577          |
| Digby.....            | 24              | 278,431    | 120        | 118,942             | 269,215            | 420,894            |
| Glace Bay.....        | 37              | 339,677    | 147        | 138,380             | 166,203            | 459,184            |
| Halifax.....          | 315             | 25,484,900 | 7,171      | 8,548,917           | 8,910,997          | 25,593,326         |
| Inverness.....        | 5               | 3,010      | 21         | 2,937               | 11,271             | 18,059             |
| Kentville.....        | 23              | 255,834    | 186        | 261,419             | 174,903            | 486,934            |
| Liverpool.....        | 31              | 3,598,718  | 400        | 351,671             | 454,575            | 1,142,905          |
| Louisbourg.....       | 9               | 31,837     | 18         | 10,108              | 21,399             | 48,698             |
| Lunenburg.....        | 40              | 651,255    | 296        | 250,809             | 250,738            | 667,908            |
| New Glasgow.....      | 79              | 13,191,690 | 2,610      | 3,020,909           | 12,590,810         | 18,730,534         |
| North Sydney.....     | 25              | 105,497    | 129        | 113,345             | 112,551            | 316,042            |
| Oxford.....           | 11              | 762,972    | 247        | 212,994             | 581,388            | 1,013,035          |
| Parrsboro.....        | 17              | 72,948     | 83         | 67,294              | 137,927            | 288,910            |
| Pictou.....           | 29              | 916,100    | 447        | 356,135             | 644,443            | 1,499,329          |
| Shelburne.....        | 20              | 408,459    | 183        | 165,381             | 273,711            | 622,185            |
| Springhill.....       | 10              | 28,575     | 17         | 13,623              | 29,734             | 53,385             |
| Stellarton.....       | 12              | 463,192    | 217        | 318,710             | 322,994            | 758,305            |
| Sydney.....           | 122             | 32,246,019 | 2,929      | 5,038,746           | 20,354,934         | 37,567,205         |
| Sydney Mines.....     | 15              | 1,761,754  | 314        | 341,197             | 3,218,938          | 4,492,856          |
| Trenton.....          | 4               | 881,349    | 321        | 366,516             | 670,125            | 1,344,653          |
| Truro.....            | 64              | 3,249,871  | 1,080      | 1,018,071           | 2,460,759          | 5,027,798          |
| Westville.....        | 7               | 83,737     | 39         | 32,516              | 24,870             | 93,248             |
| Windsor.....          | 28              | 1,939,696  | 357        | 269,893             | 846,731            | 1,448,689          |
| Wolfville.....        | 14              | 124,275    | 66         | 62,517              | 177,556            | 276,309            |
| Yarmouth.....         | 68              | 3,885,034  | 979        | 801,563             | 3,286,805          | 5,392,646          |
| <b>New Brunswick—</b> |                 |            |            |                     |                    |                    |
| Bathurst.....         | 29              | 9,104,582  | 896        | 947,925             | 1,992,467          | 4,980,990          |
| Campbellton.....      | 27              | 5,295,234  | 840        | 969,003             | 1,763,442          | 3,373,311          |
| Chatham.....          | 24              | 2,431,379  | 461        | 362,028             | 1,067,875          | 1,646,526          |
| Dalhousie.....        | 11              | 2,027,611  | 269        | 265,388             | 607,311            | 1,149,536          |
| Edmundston.....       | 14              | 2,353,448  | 563        | 875,492             | 1,766,023          | 5,207,702          |
| Fredericton.....      | 65              | 3,149,344  | 893        | 855,751             | 2,129,703          | 3,801,683          |
| Grand Falls.....      | 18              | 449,070    | 155        | 137,625             | 157,420            | 347,315            |
| Marysville.....       | 3               | 1,816,550  | 574        | 527,962             | 1,123,633          | 2,171,997          |
| Milltown.....         | 4               | 2,337,240  | 696        | 534,815             | 940,231            | 2,203,995          |
| Moncton.....          | 90              | 9,589,975  | 3,061      | 3,727,278           | 3,862,465          | 8,888,553          |
| Newcastle.....        | 25              | 4,339,131  | 439        | 361,196             | 1,158,861          | 2,172,950          |
| Richibucto.....       | 7               | 99,700     | 34         | 7,000               | 31,216             | 48,579             |
| Sackville.....        | 21              | 1,360,826  | 400        | 303,374             | 554,722            | 1,066,962          |
| Shediac.....          | 13              | 139,885    | 52         | 34,145              | 113,524            | 197,570            |
| St. Andrews.....      | 17              | 75,271     | 35         | 22,759              | 71,649             | 119,014            |
| St. George.....       | 10              | 558,933    | 146        | 143,262             | 165,405            | 513,162            |
| St. John.....         | 302             | 15,814,282 | 4,630      | 4,693,198           | 8,621,966          | 17,895,292         |
| St. Stephen.....      | 40              | 4,341,459  | 952        | 856,786             | 3,973,066          | 6,250,947          |
| Sussex.....           | 40              | 1,801,764  | 344        | 291,714             | 837,638            | 1,635,754          |
| Woodstock.....        | 36              | 584,736    | 179        | 177,147             | 331,715            | 687,444            |
| <b>Quebec—</b>        |                 |            |            |                     |                    |                    |
| Actonvale.....        | 20              | 131,408    | 57         | 37,268              | 160,642            | 245,300            |
| Arthabaska.....       | 12              | 167,594    | 78         | 67,079              | 134,035            | 259,636            |
| Asbestos.....         | 11              | 66,289     | 21         | 16,143              | 24,066             | 56,938             |
| Aylmer.....           | 3               | 4,090      | 3          | 1,540               | 2,300              | 7,700              |
| Bagotville.....       | 13              | 118,250    | 25         | 14,391              | 37,549             | 65,731             |
| Baie St. Paul.....    | 21              | 164,512    | 26         | 18,052              | 59,052             | 100,710            |
| Beauceville.....      | 10              | 127,130    | 28         | 26,872              | 33,234             | 110,215            |
| Beauharnois.....      | 21              | 2,577,897  | 489        | 600,247             | 1,506,327          | 3,235,788          |
| Bedford.....          | 20              | 374,222    | 72         | 53,104              | 89,994             | 200,895            |
| Beloeil.....          | 20              | 1,411,453  | 277        | 426,682             | 171,934            | 2,470,682          |
| Berthier.....         | 10              | 24,552     | 13         | 6,040               | 48,928             | 65,889             |
| Bienville.....        | 4               | 13,682     | 6          | 2,519               | 5,326              | 16,651             |
| Black Lake.....       | 12              | 56,382     | 15         | 10,255              | 35,460             | 61,242             |
| Bromptonville.....    | 13              | 666,226    | 306        | 325,774             | 1,421,256          | 2,804,113          |

**16.—Statistics of Manufactures by Cities, Towns and Villages of 1,000 population and over, 1920—continued.**

| Cities and Towns.           | Establishments. | Capital.    | Employees. | Salaries and wages. | Cost of materials. | Value of products. |
|-----------------------------|-----------------|-------------|------------|---------------------|--------------------|--------------------|
|                             | No.             | \$          | No.        | \$                  | \$                 | \$                 |
| <b>Quebec—con.</b>          |                 |             |            |                     |                    |                    |
| Buckingham.....             | 30              | 2,807,384   | 429        | 513,332             | 1,005,503          | 3,551,513          |
| Chambly.....                | 8               | 40,394      | 21         | 9,494               | 36,666             | 57,439             |
| Chicoutimi.....             | 41              | 8,802,297   | 939        | 1,022,784           | 1,518,660          | 7,182,543          |
| Coaticook.....              | 45              | 2,002,455   | 707        | 551,289             | 1,871,542          | 3,053,136          |
| Cookshire.....              | 21              | 755,151     | 151        | 108,250             | 266,345            | 577,646            |
| Cowansville.....            | 16              | 601,557     | 139        | 128,041             | 217,238            | 415,473            |
| Danville.....               | 22              | 356,319     | 87         | 75,404              | 237,527            | 470,621            |
| Deschaillons.....           | 11              | 35,225      | 111        | 24,353              | 22,501             | 85,996             |
| Disraeli.....               | 20              | 783,027     | 117        | 118,116             | 175,976            | 427,438            |
| Dorval.....                 | 3               | 25,907      | 4          | 4,716               | 4,282              | 17,953             |
| Drummondville.....          | 31              | 1,372,587   | 355        | 272,893             | 1,132,322          | 1,910,049          |
| Farnham.....                | 29              | 312,610     | 112        | 87,325              | 220,281            | 428,724            |
| Fraserville.....            | 31              | 1,911,334   | 499        | 657,209             | 530,742            | 1,628,592          |
| Granby.....                 | 50              | 4,884,324   | 1,982      | 1,637,217           | 2,999,710          | 6,536,707          |
| Grande Baie.....            | 8               | 28,924      | 12         | 11,471              | 38,385             | 55,145             |
| Grand'Mère.....             | 34              | 53,795,328  | 2,717      | 3,457,424           | 3,333,960          | 16,432,589         |
| Hull.....                   | 70              | 17,314,736  | 3,023      | 3,010,503           | 7,681,380          | 16,623,648         |
| Huntingdon.....             | 30              | 157,585     | 115        | 85,305              | 118,640            | 264,929            |
| Iberville.....              | 21              | 713,351     | 241        | 178,584             | 472,198            | 871,286            |
| Joliette.....               | 57              | 1,968,782   | 1,106      | 925,652             | 2,076,000          | 3,688,659          |
| Jonquiere.....              | 21              | 245,986     | 39         | 29,472              | 36,496             | 130,857            |
| Lachute.....                | 22              | 2,949,880   | 364        | 325,436             | 1,408,642          | 2,686,744          |
| Lachine.....                | 64              | 14,122,645  | 2,329      | 3,289,830           | 4,054,757          | 15,682,251         |
| Laprairie.....              | 11              | 70,415      | 35         | 32,010              | 55,233             | 110,201            |
| L'Assomption.....           | 9               | 19,725      | 11         | 3,741               | 69,510             | 78,423             |
| La Tuque.....               | 15              | 9,407,879   | 1,188      | 1,602,675           | 2,003,338          | 6,391,566          |
| Laurentides.....            | 19              | 165,012     | 26         | 17,433              | 45,483             | 85,811             |
| Lauzon.....                 | 7               | 4,523,992   | 922        | 1,122,440           | 445,888            | 2,960,939          |
| Lennoxville.....            | 3               | 138,726     | 47         | 66,160              | 155,215            | 312,615            |
| Levis.....                  | 34              | 1,062,115   | 341        | 342,143             | 413,612            | 926,894            |
| Longueuil.....              | 16              | 78,238      | 42         | 44,468              | 68,315             | 147,825            |
| Lorette.....                | 10              | 21,870      | 18         | 15,509              | 37,658             | 66,965             |
| Louisville.....             | 11              | 811,776     | 223        | 195,061             | 498,025            | 859,324            |
| Magog.....                  | 29              | 5,843,871   | 1,156      | 756,617             | 3,948,794          | 8,305,927          |
| Malbaie.....                | 6               | 67,350      | 27         | 13,270              | 74,649             | 157,829            |
| Marieville.....             | 13              | 1,125,636   | 330        | 273,768             | 1,003,123          | 1,523,951          |
| Maisonneuve.....            | 15              | 15,388,954  | 2,821      | 3,532,552           | 5,455,681          | 14,091,034         |
| Megantic.....               | 17              | 527,798     | 144        | 157,147             | 339,942            | 776,562            |
| Mont-Joli.....              | 9               | 493,258     | 82         | 79,457              | 206,518            | 405,180            |
| Mont-Laurier.....           | 9               | 190,955     | 43         | 48,875              | 271,765            | 399,112            |
| Montmagny.....              | 37              | 2,170,970   | 331        | 484,507             | 752,989            | 1,693,457          |
| Montreal.....               | 2,823           | 471,487,579 | 113,078    | 131,111,321         | 309,308,243        | 593,881,752        |
| Nicolet.....                | 26              | 308,953     | 132        | 99,772              | 148,737            | 303,441            |
| Outremont.....              | 3               | 33,171      | 26         | 33,724              | 63,728             | 129,501            |
| Pierreville.....            | 19              | 63,604      | 16         | 43,740              | 74,187             | 58,780             |
| Plessisville.....           | 22              | 532,798     | 159        | 128,168             | 223,187            | 458,196            |
| Point-aux-Trembles.....     | 6               | 312,042     | 110        | 113,076             | 137,904            | 345,060            |
| Pointe-Claire.....          | 9               | 95,288      | 31         | 26,601              | 25,863             | 92,335             |
| Pointe-Gatineau.....        | 4               | 9,680       | 5          | 2,786               | 2,796              | 10,580             |
| Quebec.....                 | 443             | 42,021,102  | 11,422     | 9,143,586           | 25,229,092         | 45,121,279         |
| Richmond.....               | 19              | 285,752     | 95         | 73,957              | 63,888             | 212,512            |
| Rimouski.....               | 25              | 1,785,575   | 189        | 327,660             | 636,604            | 1,735,362          |
| Roberval.....               | 28              | 366,058     | 103        | 89,630              | 213,025            | 444,377            |
| Shawinigan Falls.....       | 41              | 18,963,649  | 2,529      | 2,993,504           | 5,656,628          | 14,980,975         |
| Sherbrooke.....             | 134             | 22,212,093  | 5,394      | 5,569,655           | 11,068,153         | 22,518,034         |
| Sorel.....                  | 41              | 1,562,168   | 1,028      | 843,715             | 522,790            | 1,713,171          |
| Ste. Agathe des Monts.....  | 20              | 437,500     | 187        | 149,604             | 263,413            | 561,075            |
| Ste. Anne de Beaupre.....   | 6               | 9,236       | 6          | 5,005               | 13,412             | 29,944             |
| Ste. Anne de Bellevue.....  | 13              | 80,660      | 31         | 25,385              | 34,362             | 101,437            |
| St. Eustache.....           | 16              | 66,064      | 22         | 11,925              | 104,031            | 140,437            |
| St. Gabriel de Brandon..... | 15              | 126,150     | 104        | 104,491             | 210,210            | 432,551            |
| St. George.....             | 12              | 103,652     | 22         | 16,399              | 126,766            | 154,060            |
| St. Hyacinthe.....          | 80              | 5,706,374   | 2,225      | 1,459,088           | 4,306,151          | 8,546,981          |
| St. Jean.....               | 53              | 28,539,413  | 5,526      | 5,770,388           | 11,482,800         | 21,012,707         |
| St. Jerome.....             | 37              | 3,653,176   | 1,487      | 1,184,799           | 2,691,904          | 6,078,264          |
| St. Joseph (Beauce).....    | 15              | 117,585     | 31         | 23,147              | 113,816            | 163,280            |
| St. Lambert.....            | 11              | 301,878     | 111        | 107,462             | 129,349            | 294,567            |
| St. Laurent.....            | 12              | 1,114,620   | 232        | 251,034             | 512,710            | 806,091            |
| St. Raymond.....            | 23              | 2,292,402   | 230        | 250,767             | 553,799            | 1,439,289          |
| St. Remi.....               | 16              | 652,933     | 132        | 95,060              | 826,302            | 1,029,057          |
| St. Rose.....               | 10              | 49,870      | 20         | 13,610              | 41,703             | 64,732             |
| St. Therese.....            | 17              | 1,104,341   | 305        | 265,609             | 697,244            | 1,260,432          |
| St. Tite.....               | 23              | 313,144     | 160        | 92,151              | 322,914            | 521,875            |

**16.—Statistics of Manufactures by Cities, Towns and Villages of 1,000 population and over, 1920—continued.**

| Cities and Towns.        | Establishments. | Capital.   | Employees. | Salaries and wages. | Cost of materials. | Value of products. |
|--------------------------|-----------------|------------|------------|---------------------|--------------------|--------------------|
|                          | No.             | \$         | No.        | \$                  | \$                 | \$                 |
| <b>Quebec—concluded.</b> |                 |            |            |                     |                    |                    |
| Terrebonne.....          | 18              | 1,507,424  | 420        | 336,498             | 572,866            | 1,152,488          |
| Thetford Mines.....      | 40              | 436,738    | 149        | 154,440             | 246,811            | 542,216            |
| Three Rivers.....        | 98              | 29,769,804 | 6,099      | 6,266,320           | 12,980,697         | 27,085,510         |
| Valleyfield.....         | 46              | 9,620,671  | 2,338      | 1,909,141           | 5,979,079          | 14,536,231         |
| Verdun.....              | 6               | 794,043    | 154        | 201,702             | 775,191            | 1,151,884          |
| Victoriaville.....       | 38              | 2,907,089  | 450        | 415,239             | 840,352            | 2,162,432          |
| Waterloo.....            | 22              | 385,965    | 130        | 104,648             | 175,608            | 372,990            |
| Westmount.....           | 13              | 1,480,716  | 359        | 467,345             | 938,045            | 1,811,898          |
| Windsor.....             | 16              | 3,638,969  | 554        | 766,137             | 1,058,585          | 2,912,617          |
| <b>Ontario—</b>          |                 |            |            |                     |                    |                    |
| Acton.....               | 18              | 292,929    | 130        | 91,578              | 233,003            | 427,466            |
| Alexandria.....          | 32              | 583,285    | 477        | 473,732             | 792,056            | 1,574,748          |
| Alliston.....            | 31              | 250,929    | 100        | 81,829              | 428,212            | 594,542            |
| Almonte.....             | 29              | 3,493,610  | 1,088      | 1,128,636           | 2,222,781          | 4,905,119          |
| Amherstburg.....         | 18              | 6,539,801  | 619        | 1,067,197           | 545,643            | 2,074,627          |
| Arnprior.....            | 38              | 4,601,611  | 543        | 514,561             | 579,203            | 1,476,132          |
| Arthur.....              | 24              | 214,817    | 192        | 101,342             | 595,717            | 837,338            |
| Aurora.....              | 26              | 987,398    | 311        | 306,235             | 659,987            | 1,312,147          |
| Aylmer.....              | 26              | 1,244,742  | 254        | 212,661             | 1,283,348          | 2,168,281          |
| Barrie.....              | 67              | 795,552    | 254        | 220,921             | 914,478            | 1,492,775          |
| Beamsville.....          | 18              | 227,459    | 114        | 93,610              | 265,350            | 454,894            |
| Beaverton.....           | 12              | 70,440     | 24         | 14,722              | 76,968             | 117,062            |
| Belleville.....          | 101             | 2,949,933  | 866        | 853,305             | 1,641,305          | 3,404,154          |
| Blenheim.....            | 19              | 363,146    | 77         | 361,567             | 469,084            | 614,320            |
| Blind River.....         | 9               | 56,679     | 104        | 147,924             | 315,449            | 787,487            |
| Bobcaygeon.....          | 17              | 69,837     | 23         | 11,400              | 57,925             | 84,336             |
| Bowmanville.....         | 37              | 3,251,041  | 532        | 487,178             | 1,712,230          | 2,870,156          |
| Bracebridge.....         | 27              | 1,237,722  | 202        | 189,148             | 458,161            | 946,059            |
| Brampton.....            | 45              | 2,470,914  | 827        | 949,397             | 2,067,285          | 3,905,278          |
| Brantford.....           | 218             | 54,480,761 | 9,003      | 11,162,862          | 22,077,879         | 41,317,823         |
| Brockville.....          | 81              | 4,829,936  | 1,263      | 1,300,275           | 4,766,834          | 7,522,113          |
| Bridgeburg.....          | 26              | 2,566,077  | 574        | 968,057             | 1,843,073          | 3,187,579          |
| Brighton.....            | 24              | 541,165    | 123        | 110,631             | 325,270            | 531,409            |
| Burlington.....          | 25              | 580,471    | 162        | 134,454             | 560,262            | 1,001,646          |
| Caledonia.....           | 23              | 315,899    | 79         | 70,317              | 854,406            | 1,060,928          |
| Campbellford.....        | 39              | 1,068,978  | 424        | 388,770             | 955,794            | 1,706,731          |
| Cardinal.....            | 13              | 3,011,840  | 460        | 515,733             | 2,274,654          | 3,285,012          |
| Carleton Place.....      | 38              | 2,695,093  | 891        | 875,469             | 1,649,611          | 3,496,029          |
| Chatham.....             | 120             | 10,804,398 | 2,302      | 2,624,110           | 11,558,285         | 17,260,430         |
| Chesley.....             | 23              | 920,910    | 291        | 281,411             | 916,796            | 1,527,832          |
| Clinton.....             | 32              | 780,735    | 223        | 176,176             | 617,281            | 995,219            |
| Cobalt.....              | 30              | 13,626,578 | 236        | 289,931             | 177,765            | 989,004            |
| Cobourg.....             | 45              | 2,218,558  | 444        | 431,159             | 1,241,016          | 2,506,826          |
| Cochrane.....            | 15              | 112,843    | 143        | 245,075             | 161,450            | 477,096            |
| Collingwood.....         | 55              | 6,105,642  | 889        | 976,193             | 1,427,255          | 3,193,063          |
| Copper Cliff.....        | 9               | 230,016    | 19         | 13,687              | 21,268             | 60,296             |
| Cornwall.....            | 79              | 11,270,622 | 2,148      | 2,032,053           | 4,874,925          | 10,173,519         |
| Deseronto.....           | 23              | 847,714    | 260        | 190,003             | 591,604            | 1,722,256          |
| Dresden.....             | 28              | 573,559    | 191        | 158,665             | 742,267            | 1,175,548          |
| Dundas.....              | 39              | 5,947,845  | 885        | 1,200,485           | 1,765,985          | 3,744,391          |
| Dunnville.....           | 48              | 2,883,334  | 734        | 622,043             | 1,428,303          | 2,539,715          |
| Durham.....              | 23              | 638,978    | 197        | 183,725             | 528,241            | 774,959            |
| Eastview.....            | 5               | 59,733     | 10         | 6,807               | 92,483             | 119,798            |
| Eganville.....           | 19              | 197,084    | 40         | 34,204              | 251,863            | 324,740            |
| Elmira.....              | 35              | 1,576,636  | 547        | 519,303             | 1,313,121          | 2,394,636          |
| Elora.....               | 18              | 668,623    | 239        | 234,427             | 379,844            | 793,900            |
| Essex.....               | 31              | 364,338    | 84         | 76,801              | 222,902            | 408,246            |
| Exeter.....              | 30              | 275,543    | 107        | 73,991              | 406,854            | 588,164            |
| Fenelon Falls.....       | 22              | 143,834    | 69         | 52,930              | 181,463            | 284,305            |
| Fergus.....              | 28              | 1,313,134  | 324        | 320,040             | 1,172,713          | 1,943,724          |
| Forest.....              | 25              | 376,272    | 166        | 136,294             | 452,698            | 740,872            |
| Fort Erie.....           | 7               | 58,764     | 20         | 19,610              | 54,753             | 92,827             |
| Fort Frances.....        | 25              | 6,998,911  | 716        | 1,194,749           | 2,931,047          | 8,434,294          |
| Fort William.....        | 86              | 13,027,737 | 1,601      | 2,218,106           | 9,166,328          | 13,707,742         |
| Galt.....                | 141             | 14,519,589 | 4,061      | 4,731,520           | 9,498,485          | 18,486,901         |
| Gananoque.....           | 41              | 2,873,662  | 647        | 701,961             | 1,090,462          | 2,899,976          |
| Georgetown.....          | 34              | 2,980,953  | 561        | 642,673             | 2,367,551          | 3,810,614          |
| Goderich.....            | 47              | 1,989,246  | 417        | 382,732             | 5,789,417          | 7,264,367          |
| Gravenhurst.....         | 18              | 571,230    | 143        | 132,934             | 177,195            | 494,202            |
| Grimsby.....             | 33              | 948,824    | 303        | 285,712             | 860,672            | 1,439,584          |
| Guelph.....              | 170             | 15,078,034 | 3,888      | 5,279,891           | 10,175,666         | 19,800,432         |
| Hagersville.....         | 27              | 134,171    | 36         | 25,570              | 177,231            | 275,202            |

**16.—Statistics of Manufactures by Cities, Towns and Villages of 1,000 population and over, 1920—continued.**

| Cities and Towns.    | Establishments. | Capital.    | Employees. | Salaries and wages. | Cost of materials. | Value of products. |    |     |             |
|----------------------|-----------------|-------------|------------|---------------------|--------------------|--------------------|----|-----|-------------|
|                      |                 |             |            |                     |                    | No.                | \$ | No. | \$          |
| <b>Ontario—con.</b>  |                 |             |            |                     |                    |                    |    |     |             |
| Haileybury.....      | 19              | 115,904     | 49         | 50,945              | 75,022             |                    |    |     | 175,811     |
| Hamilton.....        | 795             | 144,763,907 | 31,567     | 40,904,240          | 85,500,298         |                    |    |     | 172,600,029 |
| Hanover.....         | 35              | 2,165,596   | 627        | 558,476             | 737,036            |                    |    |     | 1,965,860   |
| Harriston.....       | 22              | 202,420     | 258        | 95,340              | 195,736            |                    |    |     | 406,913     |
| Havelock.....        | 15              | 62,125      | 25         | 10,010              | 60,154             |                    |    |     | 90,193      |
| Hawkesbury.....      | 32              | 5,770,168   | 901        | 1,286,017           | 4,033,410          |                    |    |     | 8,351,068   |
| Hespeler.....        | 28              | 5,214,570   | 1,107      | 1,141,095           | 2,436,942          |                    |    |     | 5,260,946   |
| Huntsville.....      | 23              | 738,815     | 355        | 419,317             | 460,731            |                    |    |     | 1,179,396   |
| Ingersoll.....       | 52              | 4,932,636   | 922        | 1,088,704           | 3,882,331          |                    |    |     | 6,036,483   |
| Iroquois.....        | 20              | 378,944     | 63         | 42,835              | 332,653            |                    |    |     | 441,060     |
| Keewatin.....        | 4               | 4,292,921   | 716        | 1,139,931           | 18,123,988         |                    |    |     | 20,978,677  |
| Kemptville.....      | 34              | 327,490     | 92         | 92,876              | 260,679            |                    |    |     | 409,787     |
| Kenora.....          | 26              | 2,423,085   | 273        | 370,336             | 2,295,762          |                    |    |     | 3,014,253   |
| Kincardine.....      | 37              | 1,008,371   | 353        | 328,676             | 826,457            |                    |    |     | 1,536,971   |
| Kingston.....        | 174             | 13,267,416  | 2,494      | 2,555,403           | 4,455,207          |                    |    |     | 8,949,226   |
| Kingsville.....      | 27              | 603,651     | 135        | 138,770             | 417,965            |                    |    |     | 731,277     |
| Kitchener.....       | 216             | 27,452,571  | 8,268      | 9,078,859           | 20,698,220         |                    |    |     | 43,095,584  |
| Lakefield.....       | 17              | 139,309     | 43         | 31,878              | 90,478             |                    |    |     | 154,176     |
| Leamington.....      | 39              | 1,605,134   | 457        | 449,515             | 1,318,359          |                    |    |     | 2,674,494   |
| Lindsay.....         | 83              | 4,331,413   | 864        | 738,129             | 1,598,621          |                    |    |     | 3,217,098   |
| Listowell.....       | 40              | 1,018,542   | 324        | 304,327             | 1,308,017          |                    |    |     | 2,000,775   |
| London.....          | 464             | 36,089,918  | 11,214     | 12,300,456          | 24,820,936         |                    |    |     | 48,888,185  |
| L'Orignal.....       | 7               | 192,453     | 42         | 36,652              | 90,782             |                    |    |     | 186,117     |
| Madoc.....           | 30              | 530,660     | 75         | 63,620              | 290,638            |                    |    |     | 487,557     |
| Markham.....         | 12              | 64,951      | 28         | 21,064              | 166,963            |                    |    |     | 228,314     |
| Mattawa.....         | 11              | 47,663      | 13         | 8,114               | 12,016             |                    |    |     | 31,526      |
| Meaford.....         | 34              | 1,533,643   | 476        | 424,227             | 1,515,461          |                    |    |     | 2,688,218   |
| Merriton.....        | 16              | 6,654,254   | 1,002      | 1,241,948           | 2,631,967          |                    |    |     | 7,210,083   |
| Midland.....         | 44              | 4,600,462   | 1,051      | 1,241,588           | 2,373,959          |                    |    |     | 4,542,973   |
| Milton.....          | 31              | 2,349,083   | 240        | 327,824             | 345,817            |                    |    |     | 1,101,971   |
| Mitchell.....        | 24              | 823,869     | 333        | 260,351             | 521,592            |                    |    |     | 1,151,642   |
| Mount Forest.....    | 32              | 760,010     | 127        | 119,608             | 702,018            |                    |    |     | 1,020,654   |
| Morrisburg.....      | 29              | 150,487     | 70         | 54,948              | 181,276            |                    |    |     | 275,249     |
| Napanee.....         | 48              | 888,960     | 259        | 239,080             | 708,893            |                    |    |     | 1,294,902   |
| New Hamburg.....     | 31              | 847,417     | 268        | 225,236             | 630,789            |                    |    |     | 1,106,686   |
| New Liskeard.....    | 25              | 423,832     | 196        | 227,177             | 303,983            |                    |    |     | 642,035     |
| Newmarket.....       | 27              | 1,873,069   | 582        | 657,837             | 711,634            |                    |    |     | 2,396,957   |
| New Toronto.....     | 11              | 18,518,194  | 3,361      | 4,066,541           | 15,796,405         |                    |    |     | 23,128,912  |
| Niagara.....         | 7               | 175,541     | 53         | 40,100              | 163,029            |                    |    |     | 282,442     |
| Niagara Falls.....   | 135             | 28,352,773  | 3,409      | 5,054,105           | 6,835,873          |                    |    |     | 23,230,696  |
| North Bay.....       | 58              | 9,365,794   | 1,408      | 2,271,108           | 2,038,301          |                    |    |     | 5,448,704   |
| Norwich.....         | 27              | 737,700     | 195        | 190,580             | 1,976,546          |                    |    |     | 2,536,760   |
| Oakville.....        | 35              | 1,408,155   | 282        | 320,598             | 1,004,704          |                    |    |     | 1,797,896   |
| Orangeville.....     | 28              | 705,264     | 133        | 101,808             | 434,943            |                    |    |     | 677,203     |
| Orillia.....         | 62              | 6,577,847   | 1,147      | 1,221,456           | 1,720,504          |                    |    |     | 3,965,240   |
| Oshawa.....          | 78              | 24,197,710  | 4,094      | 4,914,401           | 25,667,544         |                    |    |     | 36,061,962  |
| Ottawa.....          | 552             | 49,619,630  | 11,122     | 12,810,712          | 33,933,936         |                    |    |     | 57,708,929  |
| Owen Sound.....      | 101             | 5,160,849   | 1,875      | 1,678,975           | 2,816,446          |                    |    |     | 6,149,898   |
| Palmerston.....      | 21              | 222,366     | 67         | 48,730              | 481,765            |                    |    |     | 664,323     |
| Paris.....           | 43              | 4,620,006   | 1,276      | 1,056,606           | 3,850,839          |                    |    |     | 6,705,409   |
| Parkhill.....        | 19              | 169,547     | 46         | 39,450              | 148,337            |                    |    |     | 248,239     |
| Parry Sound.....     | 30              | 1,310,585   | 281        | 281,311             | 354,755            |                    |    |     | 1,002,269   |
| Pembroke.....        | 61              | 4,602,663   | 1,255      | 1,406,091           | 3,420,622          |                    |    |     | 6,261,481   |
| Penetanguishene..... | 31              | 1,813,711   | 538        | 642,457             | 1,903,708          |                    |    |     | 3,050,713   |
| Perth.....           | 46              | 3,231,031   | 666        | 696,994             | 1,703,425          |                    |    |     | 3,115,110   |
| Peterboro.....       | 172             | 27,904,553  | 6,302      | 6,694,118           | 25,148,511         |                    |    |     | 38,013,283  |
| Petrolia.....        | 35              | 670,292     | 202        | 158,323             | 558,715            |                    |    |     | 934,388     |
| Picton.....          | 54              | 1,120,477   | 377        | 280,217             | 305,988            |                    |    |     | 1,841,654   |
| Port Arthur.....     | 59              | 11,819,002  | 1,765      | 2,239,297           | 2,288,532          |                    |    |     | 7,457,816   |
| Port Colborne.....   | 22              | 7,253,376   | 448        | 817,377             | 12,251,214         |                    |    |     | 15,623,557  |
| Port Dalhousie.....  | 5               | 1,189,364   | 412        | 390,804             | 815,938            |                    |    |     | 1,566,824   |
| Port Dover.....      | 15              | 410,280     | 135        | 101,675             | 544,046            |                    |    |     | 795,311     |
| Port Elgin.....      | 17              | 586,485     | 218        | 183,662             | 444,028            |                    |    |     | 695,366     |
| Port Hope.....       | 52              | 4,081,184   | 1,033      | 1,222,679           | 1,436,754          |                    |    |     | 3,759,068   |
| Port Perry.....      | 23              | 238,021     | 62         | 44,436              | 356,661            |                    |    |     | 488,259     |
| Prescott.....        | 29              | 783,834     | 218        | 211,961             | 441,987            |                    |    |     | 903,321     |
| Preston.....         | 61              | 5,453,135   | 1,682      | 1,985,627           | 4,252,510          |                    |    |     | 7,649,374   |
| Rainy River.....     | 12              | 55,329      | 97         | 160,091             | 106,788            |                    |    |     | 288,897     |
| Renfrew.....         | 59              | 4,321,565   | 1,824      | 1,038,836           | 3,004,066          |                    |    |     | 5,730,875   |
| Ridgetown.....       | 35              | 367,332     | 135        | 103,444             | 343,787            |                    |    |     | 555,989     |
| Rockland.....        | 13              | 714,748     | 558        | 377,425             | 1,128,575          |                    |    |     | 2,156,586   |
| Sarnia.....          | 89              | 25,500,268  | 3,239      | 4,298,163           | 18,620,147         |                    |    |     | 33,222,301  |
| Sandwich.....        | 14              | 198,445     | 193        | 320,551             | 434,768            |                    |    |     | 1,555,581   |

**16.—Statistics of Manufactures by Cities, Towns and Villages of 1,000 population and over, 1920—continued.**

| Cities and Towns.         | Estab- | Capital.    | Em-     | Salaries    | Cost        | Value       |
|---------------------------|--------|-------------|---------|-------------|-------------|-------------|
|                           | lish-  |             |         | wages.      | of          | products.   |
|                           | No.    | \$          | No.     | \$          | \$          | \$          |
| <b>Ontario—concluded.</b> |        |             |         |             |             |             |
| Sault Ste. Marie.....     | 125    | 50,222,886  | 3,488   | 6,046,658   | 20,697,880  | 38,274,952  |
| Seaford.....              | 33     | 1,322,326   | 493     | 312,503     | 702,741     | 1,448,768   |
| Shelburne.....            | 18     | 103,820     | 41      | 30,590      | 360,434     | 457,569     |
| Simcoe.....               | 59     | 2,727,293   | 703     | 568,251     | 2,658,409   | 4,071,640   |
| Smiths Falls.....         | 54     | 4,379,802   | 755     | 865,281     | 1,244,550   | 2,612,538   |
| Southampton.....          | 12     | 742,119     | 247     | 221,293     | 395,874     | 824,162     |
| Stratford.....            | 137    | 8,978,221   | 3,931   | 4,546,491   | 8,255,640   | 15,215,725  |
| Strathroy.....            | 41     | 1,529,159   | 340     | 283,127     | 789,211     | 1,435,030   |
| Stouffville.....          | 15     | 147,093     | 36      | 34,756      | 53,799      | 128,117     |
| Sturgeon Falls.....       | 21     | 5,309,840   | 627     | 1,005,547   | 1,287,849   | 3,510,496   |
| Sudbury.....              | 63     | 2,511,004   | 474     | 649,598     | 919,717     | 2,397,085   |
| St. Catharines.....       | 179    | 18,326,454  | 4,668   | 5,872,608   | 9,552,572   | 20,778,763  |
| St. Thomas.....           | 123    | 5,021,667   | 2,671   | 4,007,586   | 7,072,905   | 12,890,978  |
| St. Marys.....            | 43     | 4,674,658   | 739     | 764,084     | 1,424,663   | 3,789,039   |
| Tavistock.....            | 28     | 627,942     | 164     | 136,987     | 1,351,212   | 1,670,376   |
| Thessalon.....            | 21     | 1,898,578   | 181     | 257,837     | 690,083     | 1,479,279   |
| Thorold.....              | 27     | 17,238,033  | 2,326   | 3,686,158   | 9,172,724   | 19,272,885  |
| Tilbury.....              | 20     | 439,847     | 123     | 100,744     | 400,267     | 696,312     |
| Tilsonburg.....           | 47     | 1,865,977   | 495     | 434,415     | 2,827,644   | 3,889,237   |
| Toronto.....              | 3,383  | 453,264,134 | 106,630 | 132,917,237 | 314,099,886 | 588,969,742 |
| Trenton.....              | 47     | 3,766,273   | 647     | 621,269     | 1,140,645   | 2,130,478   |
| Tweed.....                | 29     | 299,709     | 99      | 90,266      | 479,864     | 647,022     |
| Vankleek Hill.....        | 22     | 159,414     | 73      | 40,792      | 174,311     | 267,187     |
| Victoria Harbour.....     | 7      | 1,477,277   | 194     | 225,929     | 708,760     | 1,103,631   |
| Walkerton.....            | 41     | 1,277,099   | 347     | 305,380     | 1,187,632   | 1,917,846   |
| Walkerville.....          | 57     | 25,781,673  | 3,822   | 5,693,173   | 18,868,993  | 31,808,303  |
| Wallaceburg.....          | 38     | 2,046,002   | 965     | 1,030,173   | 1,143,425   | 4,398,246   |
| Waterford.....            | 21     | 587,243     | 138     | 91,636      | 482,324     | 840,245     |
| Waterloo.....             | 62     | 6,024,175   | 1,074   | 1,183,143   | 2,733,248   | 5,203,552   |
| Watford.....              | 22     | 346,437     | 114     | 85,323      | 385,303     | 625,958     |
| Welland.....              | 89     | 22,953,800  | 3,632   | 4,641,319   | 15,096,865  | 26,285,060  |
| Weston.....               | 28     | 7,754,118   | 877     | 996,053     | 1,998,739   | 4,021,010   |
| Whitby.....               | 24     | 673,336     | 208     | 187,783     | 224,077     | 631,954     |
| Wiarton.....              | 27     | 458,896     | 108     | 86,275      | 259,088     | 462,486     |
| Winchester.....           | 25     | 295,795     | 124     | 110,538     | 302,983     | 512,801     |
| Windsor.....              | 204    | 17,020,228  | 3,918   | 5,853,858   | 15,093,575  | 28,164,856  |
| Wingham.....              | 42     | 980,558     | 364     | 335,299     | 733,726     | 1,583,204   |
| Woodstock.....            | 120    | 7,738,472   | 2,130   | 2,004,192   | 6,846,661   | 9,875,916   |
| <b>Manitoba—</b>          |        |             |         |             |             |             |
| Brandon.....              | 98     | 4,493,658   | 879     | 1,168,909   | 1,353,236   | 6,962,165   |
| Carman.....               | 21     | 129,816     | 32      | 30,295      | 47,541      | 117,472     |
| Dauphin.....              | 40     | 549,798     | 246     | 314,852     | 543,252     | 1,034,026   |
| Minnedosa.....            | 19     | 69,219      | 64      | 75,798      | 64,032      | 171,539     |
| Morden.....               | 16     | 73,401      | 26      | 18,268      | 135,597     | 187,734     |
| Neepawa.....              | 15     | 295,935     | 69      | 91,921      | 220,893     | 369,016     |
| Portage la Prairie.....   | 36     | 1,066,831   | 330     | 390,135     | 3,337,655   | 4,147,373   |
| Selkirk.....              | 10     | 1,264,044   | 399     | 512,055     | 641,240     | 1,565,769   |
| Souris.....               | 14     | 682,400     | 118     | 164,328     | 808,507     | 1,130,270   |
| St. Boniface.....         | 31     | 4,771,824   | 830     | 1,036,764   | 12,664,205  | 15,645,051  |
| Stonewall.....            | 7      | 30,407      | 35      | 21,409      | 18,169      | 49,983      |
| Pas.....                  | 8      | 1,653,654   | 291     | 418,323     | 621,104     | 1,195,071   |
| Transcona.....            | 3      | 342,582     | 2,047   | 2,902,536   | 2,422,654   | 4,798,405   |
| Virden.....               | 13     | 64,299      | 30      | 31,349      | 55,467      | 108,558     |
| Winnipeg.....             | 911    | 100,371,889 | 23,729  | 33,573,858  | 71,414,428  | 135,721,684 |
| <b>Saskatchewan—</b>      |        |             |         |             |             |             |
| Battleford.....           | 15     | 122,771     | 115     | 182,561     | 172,496     | 386,848     |
| Biggar.....               | 18     | 111,879     | 119     | 189,398     | 131,821     | 353,717     |
| Canora.....               | 13     | 139,463     | 25      | 28,701      | 56,074      | 113,564     |
| Estevan.....              | 23     | 681,227     | 140     | 158,074     | 230,043     | 497,187     |
| Humboldt.....             | 26     | 307,537     | 156     | 227,115     | 316,124     | 609,209     |
| Indian Head.....          | 23     | 122,712     | 47      | 50,747      | 82,156      | 203,185     |
| Kamsack.....              | 17     | 123,304     | 132     | 212,277     | 116,361     | 393,968     |
| Maple Creek.....          | 17     | 163,306     | 33      | 29,125      | 132,538     | 184,491     |
| Melville.....             | 16     | 219,942     | 235     | 404,057     | 288,433     | 738,486     |
| Melfort.....              | 25     | 290,821     | 57      | 54,926      | 133,826     | 267,866     |
| Moose Jaw.....            | 111    | 5,254,710   | 1,806   | 2,550,861   | 11,850,696  | 18,798,823  |
| Moosomin.....             | 15     | 77,779      | 24      | 20,790      | 54,979      | 110,764     |
| North Battleford.....     | 34     | 741,471     | 240     | 310,331     | 553,431     | 1,094,454   |
| Prince Albert.....        | 48     | 1,833,827   | 466     | 575,009     | 2,182,960   | 3,303,207   |
| Regina.....               | 173    | 12,934,148  | 2,450   | 3,848,881   | 10,522,405  | 20,880,332  |
| Rosthern.....             | 14     | 143,906     | 19      | 18,415      | 79,658      | 126,584     |

**16.—Statistics of Manufactures by Cities, Towns and Villages of 1,000 population and over, 1920—concluded.**

| Cities and Towns.              | Establishments. | Capital.   | Employees. | Salaries and wages. | Cost of materials. | Value of products. |
|--------------------------------|-----------------|------------|------------|---------------------|--------------------|--------------------|
|                                | No.             | \$         | No.        | \$                  | \$                 | \$                 |
| <b>Saskatchewan—concluded.</b> |                 |            |            |                     |                    |                    |
| Saskatoon.....                 | 173             | 7,135,657  | 1,642      | 2,171,531           | 7,328,768          | 11,597,027         |
| Shaunavon.....                 | 17              | 99,933     | 41         | 57,743              | 45,455             | 135,521            |
| Swift Current.....             | 30              | 314,326    | 198        | 265,610             | 255,922            | 731,438            |
| Watrous.....                   | 4               | 28,183     | 8          | 12,947              | 8,959              | 33,010             |
| Weyburn.....                   | 32              | 522,328    | 112        | 153,504             | 430,818            | 731,356            |
| Yorkton.....                   | 32              | 395,064    | 87         | 106,320             | 376,459            | 649,986            |
| <b>Alberta—</b>                |                 |            |            |                     |                    |                    |
| Blairmore.....                 | 9               | 276,419    | 82         | 140,658             | 142,664            | 391,513            |
| Calgary.....                   | 332             | 26,151,225 | 5,670      | 7,828,482           | 22,384,770         | 37,214,562         |
| Camrose.....                   | 27              | 236,097    | 78         | 93,051              | 347,655            | 561,425            |
| Cardston.....                  | 15              | 147,438    | 22         | 18,474              | 106,724            | 151,545            |
| Coleman.....                   | 4               | 59,425     | 26         | 35,560              | 17,357             | 67,300             |
| Edmonton.....                  | 306             | 17,753,619 | 4,720      | 5,981,330           | 19,611,249         | 31,939,693         |
| High River.....                | 19              | 255,825    | 41         | 39,636              | 71,653             | 163,220            |
| Lacombe.....                   | 13              | 100,851    | 23         | 26,020              | 53,525             | 112,293            |
| Lethbridge.....                | 85              | 4,203,764  | 673        | 955,522             | 1,672,613          | 3,650,847          |
| Macleod.....                   | 18              | 267,635    | 78         | 94,718              | 293,839            | 455,567            |
| Magrath.....                   | 4               | 9,086      | 7          | 7,040               | 862                | 13,036             |
| Medicine Hat.....              | 77              | 5,987,772  | 889        | 1,141,278           | 9,615,424          | 12,178,212         |
| Raymond.....                   | 6               | 179,490    | 12         | 12,695              | 79,684             | 119,495            |
| Redcliffe.....                 | 12              | 2,138,286  | 324        | 414,417             | 397,194            | 1,440,174          |
| Red Deer.....                  | 27              | 332,289    | 141        | 160,558             | 281,575            | 530,641            |
| Stettler.....                  | 22              | 179,579    | 62         | 68,372              | 220,202            | 396,482            |
| Taber.....                     | 11              | 119,380    | 24         | 35,949              | 26,223             | 80,342             |
| Vegreville.....                | 21              | 164,886    | 39         | 40,035              | 95,561             | 175,367            |
| Wetaskiwin.....                | 28              | 271,817    | 60         | 63,353              | 184,850            | 328,202            |
| <b>British Columbia—</b>       |                 |            |            |                     |                    |                    |
| Cranbrook.....                 | 24              | 248,687    | 154        | 209,411             | 153,358            | 447,809            |
| Chilliwack.....                | 21              | 85,755     | 46         | 48,300              | 71,616             | 160,184            |
| Cumberland.....                | 14              | 171,289    | 88         | 103,002             | 83,117             | 283,037            |
| Fernie.....                    | 28              | 1,732,228  | 242        | 344,624             | 926,892            | 1,691,684          |
| Grand Forks.....               | 8               | 170,447    | 46         | 53,466              | 90,414             | 197,009            |
| Kamloops.....                  | 46              | 729,353    | 292        | 407,563             | 378,367            | 1,043,635          |
| Kelowna .....                  | 40              | 1,109,855  | 259        | 301,260             | 708,912            | 1,225,557          |
| Ladysmith.....                 | 14              | 73,860     | 40         | 48,681              | 68,990             | 237,342            |
| Nanaimo.....                   | 61              | 766,389    | 405        | 375,034             | 535,865            | 1,258,793          |
| Nelson.....                    | 53              | 1,271,643  | 380        | 518,763             | 520,303            | 1,347,728          |
| New Westminster.....           | 111             | 6,903,431  | 1,792      | 2,435,919           | 7,648,396          | 13,188,776         |
| North Vancouver.....           | 27              | 1,780,561  | 958        | 1,442,361           | 1,361,263          | 3,571,432          |
| Prince Rupert.....             | 45              | 5,645,396  | 1,063      | 1,514,508           | 2,400,450          | 4,327,126          |
| Revelstoke.....                | 21              | 339,556    | 224        | 334,557             | 220,708            | 639,426            |
| Rossland.....                  | 13              | 5,122,963  | 74         | 128,784             | 73,768             | 912,922            |
| Trail.....                     | 14              | 80,391     | 45         | 61,050              | 87,892             | 208,550            |
| Vancouver.....                 | 1,065           | 85,804,549 | 24,674     | 24,303,737          | 51,482,786         | 98,689,520         |
| Vernon.....                    | 34              | 562,900    | 136        | 153,726             | 213,910            | 527,077            |
| Victoria.....                  | 333             | 19,300,586 | 2,719      | 3,254,090           | 6,987,948          | 15,822,037         |
| <b>Yukon—</b>                  |                 |            |            |                     |                    |                    |
| Dawson.....                    | 11              | 1,435,574  | 34         | 57,566              | 10,408             | 152,319            |