CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

# ADVANCE REPORT

on the

# MANUFACTURING INDUSTRIES

of

# CANADA

1933

Published by Authority of the Hon. R.B. HANSON, K.C., M.P.,
Minister of Trade and Commerce.

OTTAWA

1935

PUBLISHED BY AUTHORITY OF THE HON. R. B. HANSON, K.C., M.P.,
MINISTER OF TRADE AND COMMERCE

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES DIVISION
OTTAWA - CANADA

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).
Acting Chief, General Manufactures Division: A. Cohen, B.Com.

## ADVANCE REPORT ON THE MANUFACTURING INDUSTRIES OF CANADA, 1933.

The downward trend in manufacturing activity begun in the fall of 1929 continued with increasing force to about the middle of 1933. The first pronounced increase was reported for the month of June and thereafter each succeeding month recorded a slight gain over that of the preceding month. The gains in the latter part of the year were not, however, sufficiently pronounced to overcome the losses of the beginning of the year. As a result of this the output of manufactured products in 1933 was valued at $2,036,547,847, a decrease of $39,346,708 or 1.9 per cent as compared with 1932 and a decrease of $1,942,523,493 or 48.5 per cent as compared with 1929. The number of persons engaged in manufacturing dropped from 694,434 in 1929 to 493,903 in 1933, a decline of 200,531 or 28.9 per cent. The decline in salary and wage payments exceeded even that of the number of employees, the drop being $347,487,752 or 42.7 per cent of the amount paid out in 1929. Average earnings per employee in 1933, which amounted to $942, represents a decrease of 19.6 per cent from the average earnings of $1,171 in 1929. The following table shows the percentage decrease each year since 1929 in employment, salaries and wages paid, value of production and value added by manufacture.

| | PERCENTAGE DECREASE COMPARED | | | | |
|---|---|---|---|---|---|
| | 1930 with 1929 | 1931 with 1930 | 1932 with 1931 | 1933 with 1932 | 1933 with 1929 |
| Employees ..... | - 7.2 | - 13.5 | - 11.1 | - .3 | - 28.9 |
| Salaries and wages paid | - 9.5 | - 15.2 | - 19.0 | - 7.9 | - 42.7 |
| Gross value of products | - 14.9 | - 21.3 | - 21.2 | - 1.9 | - 48.2 |
| Value added by manufacture ..... | - 11.8 | - 16.3 | - 20.6 | - 4.5 | - 44.0 |

The large decrease in the number of employees in 1931 and 1932 is not, however, entirely due to the decline in manufacturing production. The decrease is in part due to the change in method of computing the average annual employment of wage-earners. Between 1925 and 1930 the average was obtained by summing the averages of individual plants, based on the number of months in actual operation, and not by dividing by twelve the sum of the monthly employment figures. For example, if a plant operated only during three months of the year with an employment of 100 persons the first month, 125 the second month and 75 the third month, its average annual employment was taken as 100 (300 ÷ 3); the same as that of another plant which operated the whole year with an average employment of 100 persons per month. In 1931, however, a change was made to the old method whereby the aggregate of the monthly figures is divided by 12. This method gives the man year that each plant operates. The change in method, therefore, affects the average annual employment as well as the average wages paid in seasonal industries, such as fruit and vegetable canning, fish canning, sawmills, etc.

Provinces where seasonal industries predominate, therefore, show a proportionately greater decrease in the number of employees in 1931 and 1932 as compared with the decrease in the salaries and wages paid, while industries that operate throughout the entire year are not affected by this change.

Although for manufacturing in general in 1933 there were still slight decreases in employment, salaries and wages paid, gross value of products, etc., some groups, however, recorded increases in employment and gross value of production. The animal products group made the biggest gain in employment in 1933 with an increase of 6.3 per cent over the previous year, while the textiles and textile products group recorded an increase of 4 per cent. The vegetable products and chemicals and chemical products groups also reported slight increases in employment of 1.0 per cent and .7 per cent respectively. In the case of the other groups, employment dropped still lower, the decreases ranging from 7.1 per cent for the miscellaneous industries group to 2.2 per cent for wood and paper products. Although four groups reported increases in employment in 1933, yet only one of these reported an increase in the amount paid out in salaries and wages. This was the animal products group with an increased employment

of 6.3 per cent and increased payments of only 1 per cent.

In value of production, only three groups exceeded their output of 1932. Non-ferrous metal products with an increase of 8.3 per cent in the value of production made the biggest gain. Textiles and textile products were second with an improvement of 7.4 per cent and animal products were third with 3.1 per cent.

Not all provinces improved their position in 1933. British Columbia made the biggest advance in employment with an increase of 4.6 per cent. Saskatchewan was second with an increase of 1.4 per cent, Quebec third with 1.3 per cent and Nova Scotia fourth with .9 per cent. In the other provinces employment in 1933 was lower than the previous year. In Manitoba the decrease was 6.8 per cent, Alberta 2.1 per cent, Ontario 1.4 per cent, Prince Edward Island 7.1 per cent, and in New Brunswick employment was about the same. In gross value of production, only two provinces exceeded the output of the previous year, viz., Nova Scotia and British Columbia which reported increases of 5.1 per cent and 3.3 per cent respectively.

| | PERCENTAGE INCREASE OR DECREASE IN | | |
|---|---|---|---|
| | Number of Employees | Salaries and Wages Paid | Gross Value of Products |
| CANADA | - 0.3 | - 7.9 | - 1.9 |
| Prince Edward Island | - 7.1 | - 17.5 | - 13.7 |
| Nova Scotia | + 0.9 | - 4.5 | + 5.1 |
| New Brunswick | - | - 7.0 | - 5.6 |
| Quebec | + 1.3 | - 6.7 | - 2.3 |
| Ontario | - 1.4 | - 8.5 | - 2.2 |
| Manitoba | - 6.8 | - 14.3 | - 4.8 |
| Saskatchewan | + 1.4 | - 8.2 | - |
| Alberta | - 2.1 | - 8.5 | - 1.2 |
| British Columbia and Yukon | + 4.6 | - 6.1 | + 3.3 |
| ALL GROUPS | - .3 | - 7.9 | - 1.9 |
| Vegetable products | + 1.0 | - 5.6 | - 3.4 |
| Animal products | + 6.3 | + 1.0 | + 3.1 |
| Textiles and textile products | + 4.0 | - 2.6 | + 7.4 |
| Wood and paper products | - 2.2 | - 8.7 | - 7.4 |
| Iron and its products | - 4.4 | - 15.6 | - 6.1 |
| Non-ferrous metal products | - 5.4 | - 14.2 | + 8.3 |
| Non-metallic mineral products | - 5.1 | - 11.4 | - 4.0 |
| Chemicals and chemical products. | + .7 | - 6.3 | - 2.6 |
| Miscellaneous industries | - 7.1 | - 12.5 | - 15.2 |
| Central electric stations | - 4.4 | - 7.9 | - 8.5 |

Manufacturing establishments reporting in 1933 numbered 25,232. Of these, 9,844 were located in Ontario, 8,384 in Quebec, 1,697 in British Columbia and Yukon, 1,378 in Nova Scotia, 1,073 in Manitoba, 975 in Alberta, 818 in Saskatchewan, 800 in New Brunswick and 26[illegible] in Prince Edward Island. These plants represented a capital investment of $4,689,373,704 in fixed and working capital; they furnished employment to 493,903 persons who were paid $465,562,090 in salaries and wages. They also produced goods with a selling value at the factory of $2,086,847,847 and spent $969,188,574 for materials, leaving the value added by manufacture at $1,117,659,273. It should be remembered that the value added by manufacture does not represent the manufacturers' profits. The value added by manufacture is obtained by subtracting the cost of materials from the value of products. The difference represents the value added to the raw materials by labour. It is this difference which the employer of labour uses to pay for the labour itself, the overhead expenses, profits, etc. Compared with the previous year, there was a decline of $52,566,599 in the value added by manufacture.

The manufacturing industries of Canada are concentrated largely in the provinces of Ontario and Quebec, although the Western Provinces are beginning to assume increasing importance. Ontario is the dominant manufacturing province of Canada. In 1933 with only 39 per cent of the establishments reporting, it employed 44.5 per cent of the capital, 47.7 per cent of the number of employees and produced 48.2 per cent of the entire output.

ADVANCE REPORT ON THE MANUFACTURING INDUSTRIES OF CANADA, 1933.

As mentioned before, the number of persons engaged in the manufacturing industries of Canada in 1933 totalled 493,903. Of these, 94,494 were salaried employees who were paid $151,860,323 in salaries, and 399,409 were wage-earners who received $313,701,767 in wages. In 1933 the average salary was $1,607 and the average wage was $785. Compared with the previous year, there was a decrease of $125 in the average salary and $67 in the average wage. In addition to the payments of salaries and wages, the fish canners paid $736,183 to 4,116 inside piece-workers who do not form part of the regular working force, while $127,897 was paid to outside piece-workers, all of whom were employed in the textile industries.

From statistics of the forty leading industries (table 5), it may be seen that the pulp and paper industry again exceeded all others in the gross value of production. Other leading industries in order of their importance were:

| Rank in 1933 | Industry | Rank in 1932 |
|---|---|---|
| 1. | Pulp and Paper. | 1. |
| 2. | Central electric stations. | 2. |
| 3. | Non-ferrous metal smelting. | 6. |
| 4. | Slaughtering and meat packing. | 3. |
| 5. | Flour and feed mills. | 4. |
| 6. | Butter and cheese. | 5. |
| 7. | Petroleum products. | 7. |
| 8. | Bread and other bakery products. | 9. |
| 9. | Cotton yarn and cloth. | 16. |
| 10. | Printing and publishing. | 8. |

In salaries and wages paid, which is probably a better index of the importance of an industry, the order of the leading industries is materially changed. Pulp and paper comes first in this category too. The leading industries were as follows: -

1933

| Rank according to Salaries and Wages Paid | Industry | Rank according to Gross Value of Products |
|---|---|---|
| 1. | Pulp and paper. | 1. |
| 2. | Printing and publishing. | 10. |
| 3. | Central electric stations. | 2. |
| 4. | Bread and other bakery products. | 8. |
| 5. | Railway rolling stock. | 24. |
| 6. | Hosiery and knitted goods. | 14. |
| 7. | Butter and cheese. | 5. |
| 8. | Electrical apparatus and supplies. | 17. |
| 9. | Printing and bookbinding. | 25. |
| 10. | Clothing, factory, women's. | 11. |

Detailed statistics of the manufacturing industries of Canada are given in the following series of tables.

Table 1. Summary Statistics of Manufactures, 1923-1933.
Table 2. Principal Statistics Compared for 1932 and 1933.
Table 3. Principal Statistics, by Provinces, 1932 and 1933.
Table 4. Principal Statistics, by Groups, 1932 and 1933.
Table 5. Principal Statistics of the Forty Leading Industries, 1932 and 1933.
Table 6. Principal Statistics of the Industries Composing Each Group, 1933.

ADVANCE REPORT ON THE MANUFACTURING INDUSTRIES OF CANADA, 1933.

Table 1. - Summary Statistics of Manufactures, 1923-1933.

| Year | Establishments | Capital Invested | Employees | Salaries and Wages | Cost of Materials Used | Gross Value of Products |
|---|---|---|---|---|---|---|
| | No. | $ | No. | $ | $ | $ |
| 1923[x] ..... | 22,642 | 3,380,322,950 | 525,267 | 571,470,028 | 1,470,140,139 | 2,781,165,514 |
| 1924[x] ..... | 22,178 | 3,538,813,460 | 508,503 | 559,884,045 | 1,438,409,681 | 2,695,053,582 |
| 1925 ..... | 22,331 | 3,808,309,981 | 544,225 | 596,015,171 | 1,587,665,408 | 2,948,545,315 |
| 1926 ..... | 22,708 | 3,981,569,590 | 581,539 | 653,850,933 | 1,728,624,192 | 3,221,269,231 |
| 1927 ..... | 22,936 | 4,337,631,558 | 618,933 | 693,932,228 | 1,758,789,334 | 3,394,713,270 |
| 1928 ..... | 23,379 | 4,780,296,049 | 658,023 | 755,199,372 | 1,919,438,703 | 3,738,484,728 |
| 1929 ..... | 23,597 | 5,083,014,754 | 694,434 | 813,049,842 | 2,032,020,975 | 4,029,371,340 |
| 1930 ..... | 24,020 | 5,203,316,760 | 644,439 | 736,092,766 | 1,666,983,902 | 3,428,970,628 |
| 1931 ..... | 24,501 | 4,961,312,408 | 557,426 | 624,545,561 | 1,223,880,011 | 2,698,461,862 |
| 1932 ..... | 24,544 | 4,741,255,610 | 495,398 | 505,883,323 | 955,968,683 | 2,126,194,555 |
| 1933 ..... | 25,232 | 4,689,373,704 | 493,903 | 465,562,090 | 969,188,574 | 2,086,847,847 |

[x] Statistics for 1923 and 1924 do not include the Non-ferrous Metal Smelting Industry.

Table 2. - Principal Statistics Compared for 1932 and 1933.

| | 1933 | 1932 | + Increase or - Decrease 1933 over 1932 |
|---|---|---|---|
| Establishments reporting. No. | 25,232 | 24,544 | + 688 |
| Capital Invested ..... $ | 4,689,373,704 | 4,741,255,610 | - 51,881,906 |
| Average capital per establishment ..... $ | 185,850 | 193,174 | - 7,324 |
| Employees on salaries ... No. | 94,494 | 95,070 | - 576 |
| Salaries ..... $ | 151,860,323 | 164,695,605 | - 12,835,282 |
| Average salary ..... $ | 1,607 | 1,732 | - 125 |
| Employees on wages ..... No. | 399,409 | 400,328 | - 919 |
| Wages ..... $ | 313,701,767 | 341,187,718 | - 27,485,951 |
| Average wage ..... $ | 785 | 852 | - 67 |
| Outside piece-workers ... No. | 855 | 762 | + 93 |
| Payments to piece-workers $ | 127,897 | 101,674 | + 26,223 |
| Cost of materials ..... $ | 969,188,574 | 955,968,683 | + 13,219,891 |
| Average cost of materials per establishment ..... $ | 38,411 | 38,949 | - 538 |
| Value of production ..... $ | 2,086,847,847 | 2,126,194,555 | - 39,346,708 |
| Average value of products per establishment ..... $ | 82,706 | 86,628 | - 3,922 |
| Value added by manufacture ..... $ | 1,117,659,273 | 1,170,225,872 | - 52,566,599 |
| Average value added by manufacture per establishment ..... $ | 44,295 | [illegible],679 | - 3,384 |

ADVANCE REPORT ON THE MANUFACTURING INDUSTRIES OF CANADA, 1933.

Table 3. - Principal Statistics Compared, by Provinces, 1932 and 1933.

| Provinces | Establishments | Capital Invested | Employees | Salaries and Wages | Cost of Materials | Gross Value of Products |
|---|---|---|---|---|---|---|
| | No. | $ | No. | $ | $ | $ |
| **1933** | | | | | | |
| CANADA | 25,232 | 4,689,373,704 | 493,903 | 465,562,090 | 969,188,574 | 2,086,847,847 |
| Prince Edward Island | 263 | 3,386,095 | 1,065 | 597,980 | 1,592,301 | 3,077,817 |
| Nova Scotia | 1,378 | 123,645,961 | 13,260 | 10,701,189 | 25,402,432 | 52,901,937 |
| New Brunswick | 800 | 122,130,573 | 11,994 | 9,877,690 | 20,471,624 | 44,826,347 |
| Quebec | 8,384 | 1,648,872,387 | 163,571 | 141,358,231 | 292,950,595 | 653,066,534 |
| Ontario | 9,844 | 2,087,072,413 | 235,810 | 234,391,900 | 465,106,584 | 1,005,233,502 |
| Manitoba | 1,073 | 179,720,120 | 20,749 | 20,699,449 | 44,697,266 | 91,408,441 |
| Saskatchewan | 818 | 64,950,579 | 5,614 | 5,871,180 | 19,164,919 | 36,199,608 |
| Alberta | 975 | 98,345,221 | 10,944 | 10,896,132 | 29,505,155 | 54,642,706 |
| British Columbia and Yukon | 1,697 | 361,250,355 | 30,896 | 31,168,339 | 70,297,698 | 145,490,955 |
| **1932** | | | | | | |
| CANADA | 24,544 | 4,741,255,610 | 495,398 | 505,883,323 | 955,968,683 | 2,126,194,555 |
| Prince Edward Island | 274 | 3,867,195 | 1,147 | 725,237 | 1,9[illegible],038 | 3,566,968 |
| Nova Scotia | 1,404 | 125,639,707 | 13,142 | 11,199,861 | 22,920,430 | 50,351,054 |
| New Brunswick | 841 | 117,454,168 | 11,987 | 10,623,685 | 20,776,650 | 47,472,393 |
| Quebec | 7,851 | 1,632,955,979 | 161,439 | 151,481,138 | 292,203,152 | 668,417,093 |
| Ontario | 9,844 | 2,144,008,857 | 239,231 | 256,207,232 | 459,910,999 | 1,028,397,654 |
| Manitoba | 970 | 190,545,652 | 22,255 | 24,157,589 | 45,591,099 | 96,056,029 |
| Saskatchewan | 774 | 63,294,823 | 5,535 | 6,392,062 | 18,214,555 | 36,101,516 |
| Alberta | 943 | 100,609,788 | 11,174 | 11,886,114 | 28,442,192 | 55,293,832 |
| British Columbia and Yukon | 1,643 | 362,879,441 | 29,488 | 33,210,405 | 65,960,568 | 140,538,016 |

ADVANCE REPORT ON THE MANUFACTURING INDUSTRIES OF CANADA, 1933.

Table 4. - Principal Statistics Compared by Groups of Industries, 1932 and 1933.

| | Establishments | Capital Invested | Employees | Salaries and Wages | Cost of Materials | Gross Value of Products |
|---|---|---|---|---|---|---|
| | No. | $ | No. | $ | $ | $ |
| **1 9 3 3** | | | | | | |
| Vegetable products | 5,542 | 509,533,005 | 73,095 | 66,137,487 | 224,243,088 | 421,849,872 |
| Animal products | 4,496 | 201,993,642 | 53,111 | 46,453,188 | 179,429,948 | 271,068,210 |
| Textiles and textile products | 2,151 | 322,312,247 | 106,235 | 80,695,813 | 144,584,507 | 294,715,248 |
| Wood and paper products | 7,917 | 893,309,680 | 105,471 | 102,500,377 | 134,979,700 | 342,155,077 |
| Iron and its products | 1,291 | 580,760,379 | 70,947 | 69,482,730 | 97,705,853 | 211,961,908 |
| Non-ferrous metal products | 478 | 266,266,443 | 25,273 | 28,099,026 | 71,990,608 | 164,765,604 |
| Non-metallic mineral products | 1,144 | 307,996,274 | 19,296 | 21,680,263 | 71,713,986 | 141,791,451 |
| Chemicals and chemical products | 696 | 153,900,930 | 15,397 | 18,738,629 | 34,271,854 | 92,820,761 |
| Miscellaneous industries | 476 | 66,769,049 | 10,361 | 10,342,700 | 10,269,030 | 28,187,635 |
| Central electric stations | 1,041 | 1,386,532,055 | 14,717 | 21,431,877 | - | 117,532,081 |
| T O T A L | 25,232 | 4,689,373,704 | 493,903 | 465,562,090 | 969,188,574 | 2,086,847,847 |
| **1 9 3 2** | | | | | | |
| Vegetable products | 5,244 | 516,356,149 | 72,390 | 70,047,452 | 225,135,488 | 436,736,251 |
| Animal products | 4,413 | 193,015,462 | 49,953 | 45,979,793 | 167,170,394 | 262,793,629 |
| Textiles and textile products | 2,002 | 321,593,062 | 102,116 | 82,817,944 | 129,468,738 | 274,411,736 |
| Wood and paper products | 7,844 | 954,639,232 | 107,834 | 112,372,202 | 142,349,790 | 369,601,600 |
| Iron and its products | 1,233 | 608,619,518 | 74,214 | 82,339,437 | 102,289,749 | 225,832,185 |
| Non-ferrous metal products | 452 | 272,045,441 | 26,704 | 32,755,103 | 67,934,940 | 152,111,317 |
| Non-metallic mineral products | 1,182 | 312,569,679 | 20,342 | 24,479,677 | 74,358,159 | 147,765,618 |
| Chemicals and chemical products | 662 | 160,[illegible]29,954 | 15,295 | 20,008,108 | 35,276,531 | 95,279,376 |
| Miscellaneous industries | 479 | 65,600,126 | 11,155 | 11,822,441 | 11,984,894 | 33,242,610 |
| Central electric stations | 1,033 | 1,335,886,987 | 15,395 | 23,261,166 | - | 128,420,233 |
| T O T A L | 24,544 | 4,741,255,610 | 495,398 | 505,883,323 | 955,968,683 | 2,126,194,555 |

Table 5(a). - Principal Statistics of the Forty Leading Industries of Canada, 1933.

| | | Establishments | Capital Invested | Employees | Salaries and Wages | Cost of Materials | Gross Value of Products |
|---|---|---|---|---|---|---|---|
| | | No. | $ | No. | $ | $ | $ |
| 1. | Pulp and paper | 95 | 559,265,544 | 24,037 | 26,591,049 | 47,632,521 | 123,415,492 |
| 2. | Central electric stations | 1,041 | 1,386,532,055 | 14,717 | 21,431,877 | - | 117,532,081 |
| 3. | Non-ferrous metal smelting | 15 | 146,085,284 | 6,360 | 8,403,181 | 43,242,563 | 100,561,297 |
| 4. | Slaughtering and meat packing | 135 | 54,590,398 | 9,289 | 10,103,744 | 70,467,544 | 92,366,137 |
| 5. | Flour and feed mills | 1,328 | 59,054,505 | 5,470 | 5,108,137 | 63,297,848 | 83,322,099 |
| 6. | Butter and cheese | 2,693 | 57,849,628 | 13,145 | 12,541,035 | 54,482,522 | 80,395,887 |
| 7. | Petroleum products | 47 | 68,193,854 | 4,628 | 6,141,945 | 49,187,757 | 70,268,265 |
| 8. | Bread and other bakery products | 3,073 | 45,091,801 | 17,477 | 14,900,212 | 23,427,623 | 51,244,162 |
| 9. | Cotton yarn and cloth | 37 | 75,422,396 | 16,095 | 11,749,286 | 26,456,914 | 51,179,628 |
| 10. | Printing and publishing | 768 | 58,234,531 | 15,964 | 21,479,504 | 9,791,679 | 50,811,968 |
| 11. | Clothing, factory, women's | 540 | 18,132,022 | 15,264 | 11,828,978 | 25,885,073 | 44,535,823 |
| 12. | Automobiles | 22 | 40,000,559 | 8,134 | 8,557,331 | 28,730,750 | 42,885,643 |
| 13. | Rubber goods, including footwear | 45 | 65,314,472 | 9,758 | 8,910,124 | 12,914,680 | 41,511,556 |
| 14. | Hosiery and knitted goods | 170 | 49,485,772 | 17,159 | 12,610,093 | 19,473,785 | 40,997,210 |
| 15. | Sawmills | 3,517 | 74,304,090 | 17,779 | 10,040,165 | 22,870,710 | 39,438,057 |
| 16. | Sugar refineries | 8 | 35,758,074 | 2,092 | 3,048,817 | 22,846,473 | 37,189,960 |
| 17. | Electrical apparatus and supplies | 174 | 80,844,131 | 11,767 | 12,428,430 | 14,504,269 | 37,012,509 |
| 18. | Tobacco, cigars and cigarettes | 127 | 50,218,586 | 8,241 | 6,752,159 | 17,974,715 | 36,784,662 |
| 19. | Biscuits, confectionery, cocoa, etc. | 236 | 41,410,901 | 9,891 | 8,114,234 | 15,725,547 | 35,176,094 |
| 20. | Boots and shoes | 205 | 22,963,783 | 14,526 | 10,509,461 | 16,347,068 | 32,291,092 |
| 21. | Breweries | 74 | 57,337,361 | 4,156 | 5,309,527 | 9,398,599 | 30,940,895 |
| 22. | Fruit and vegetable preparations | 273 | 37,286,824 | 6,530 | 3,842,575 | 16,461,755 | 29,981,400 |
| 23. | Coke and gas products | 42 | 94,225,476 | 3,526 | 4,606,308 | 12,729,075 | 29,936,975 |
| 24. | Railway rolling stock | 37 | 86,509,047 | 16,172 | 14,584,021 | 13,574,592 | 29,672,265 |
| 25. | Printing and bookbinding | 1,122 | 38,860,669 | 11,271 | 12,277,207 | 9,694,048 | 28,210,076 |
| 26. | Clothing, factory, men's | 163 | 14,954,100 | 7,969 | 6,547,993 | 15,643,813 | 26,622,689 |
| 27. | Sheet metal products | 172 | 53,851,889 | 6,000 | 6,033,783 | 13,828,178 | 25,963,828 |
| 28. | Castings and forgings | 327 | 72,810,073 | 11,111 | 9,816,895 | 8,053,094 | 24,197,347 |
| 29. | Silk and artificial silk | 29 | 30,192,870 | 7,801 | 6,138,532 | 7,795,542 | 22,754,969 |
| 30. | Coffee, tea and spices | 67 | 14,004,437 | 1,885 | 2,376,270 | 14,041,869 | 19,919,644 |
| 31. | Furnishing goods, men's | 163 | 14,280,349 | 8,189 | 4,884,635 | 10,784,990 | 19,082,571 |
| 32. | Machinery | 189 | 53,167,815 | 6,317 | 6,575,848 | 6,787,924 | 18,912,926 |
| 33. | Primary iron and steel | 50 | 96,444,846 | 5,200 | 6,049,189 | 7,598,931 | 18,492,549 |
| 34. | Boxes and bags, paper | 132 | 20,111,982 | 4,914 | 4,558,177 | 9,568,160 | 17,800,330 |
| 35. | Fish curing and packing | 620 | 15,532,775 | 4,064 | 2,287,385 | 10,960,289 | 17,380,323 |

Table 5(a). - Principal Statistics of the Forty Leading Industries of Canada, 1933. - (Concl'd.)

| | Establishments | Capital Invested | Employees | Salaries and Wages | Cost of Materials | Gross Value of Products |
|---|---|---|---|---|---|---|
| | No. | $ | No. | $ | $ | $ |
| 36. Medicinal and pharmaceutical preparations | 158 | 17,402,705 | 3,169 | 3,850,928 | 5,774,391 | 17,063,849 |
| 37. Leather tanneries ..... | 88 | 22,307,727 | 3,322 | 3,247,296 | 9,753,096 | 16,475,383 |
| 38. Woollen cloth ..... | 62 | 22,231,585 | 5,542 | 4,471,491 | 8,500,500 | 15,893,114 |
| 39. Dyeing, cleaning and laundry work ..... | 411 | 23,581,811 | 10,528 | 7,882,389 | 1,399,646 | 15,239,981 |
| 40. Furniture ..... | 383 | 27,089,361 | 7,722 | 5,656,006 | 5,267,902 | 15,016,942 |
| TOTAL, FORTY LEADING INDUSTRIES .... | 18,838 | 3,800,936,088 | 377,181 | 352,246,217 | 782,876,435 | 1,648,477,678 |
| TOTAL, ALL INDUSTRIES ..... | 25,232 | 4,689,373,704 | 493,903 | 465,562,090 | 969,188,574 | 2,086,847,847 |
| PERCENTAGE OF FORTY LEADING INDUSTRIES TO ALL INDUSTRIES ..... | 74.7 | 81.1 | 76.4 | 75.7 | 80.8 | 79.0 |

Table 5(b). - Principal Statistics of the Forty Leading Industries of Canada, 1932.

| | Establishments | Capital | Employees | Salaries and Wages | Cost of Materials | Gross Value of Products |
|---|---|---|---|---|---|---|
| | No. | $ | No. | $ | $ | $ |
| 1. Pulp and paper ..... | 98 | 597,550,013 | 24,561 | 28,348,128 | 48,970,967 | 135,648,729 |
| 2. Central electric stations ..... | 1,033 | 1,335,886,987 | 15,395 | 23,261,166 | - | 128,420,233 |
| 3. Slaughtering and meat packing ..... | 141 | 53,227,929 | 9,101 | 10,349,315 | 65,575,957 | 91,246,523 |
| 4. Flour and feed mills ..... | 1,290 | 58,283,212 | 5,586 | 5,576,395 | 63,177,656 | 84,748,800 |
| 5. Butter and cheese ..... | 2,708 | 50,924,744 | 11,908 | 11,219,366 | 51,768,536 | 78,712,905 |
| 6. Non-ferrous metal smelting ..... | 13 | 149,708,860 | 5,343 | 8,778,970 | 37,719,947 | 76,442,076 |
| 7. Petroleum products ..... | 31 | 69,475,860 | 4,116 | 5,980,681 | 52,237,387 | 71,697,757 |
| 8. Printing and publishing ..... | 762 | 61,156,728 | 15,911 | 23,406,606 | 11,193,930 | 54,812,748 |
| 9. Bread and other bakery products ..... | 2,861 | 48,961,175 | 16,856 | 15,909,805 | 23,431,275 | 53,450,352 |
| 10. Electrical apparatus and supplies ..... | 169 | 82,458,754 | 14,305 | 16,262,368 | 20,414,844 | 53,264,918 |
| 11. Automobiles ..... | 25 | 49,641,777 | 8,810 | 11,435,741 | 28,278,809 | 43,801,389 |
| 12. Hosiery and knitted goods ..... | 169 | 52,604,950 | 17,655 | 13,474,974 | 19,349,634 | 43,252,752 |
| 13. Clothing, factory, women's ..... | 461 | 18,147,033 | 14,276 | 12,117,879 | 23,983,585 | 42,564,589 |

Table 5(b). - Principal Statistics of the Forty Leading Industries of Canada, 1932. - (Concl'd.)

| | Establishments | Capital Invested | Employees | Salaries and Wages | Cost of Materials | Gross Value of Products |
|---|---|---|---|---|---|---|
| | No. | $ | No. | $ | $ | $ |
| 14. Sugar refineries | 8 | 37,654,457 | 2,140 | 3,147,753 | 25,716,922 | 41,022,589 |
| 15. Rubber goods, including footwear | 47 | 65,794,903 | 10,325 | 9,340,911 | 11,906,696 | 40,746,910 |
| 16. Cotton yarn and cloth | 35 | 72,504,504 | 15,092 | 11,684,979 | 19,158,046 | 38,555,370 |
| 17. Sawmills | 3,593 | 80,796,425 | 18,285 | 10,761,090 | 23,405,576 | 38,506,647 |
| 18. Breweries | 75 | 57,398,055 | 4,353 | 5,932,225 | 10,210,482 | 38,212,192 |
| 19. Biscuits, confectionery, chocolate, etc. | 262 | 45,402,886 | 10,526 | 9,425,498 | 15,594,694 | 37,386,093 |
| 20. Tobacco, cigars and cigarettes | 116 | 42,351,650 | 8,236 | 7,127,070 | 18,787,861 | 37,361,781 |
| 21. Railway rolling stock | 38 | 87,289,160 | 15,612 | 17,460,142 | 14,101,765 | 32,465,192 |
| 22. Boots and shoes | 191 | 22,024,801 | 13,728 | 11,156,856 | 15,753,021 | 32,242,416 |
| 23. Printing and bookbinding | 1,055 | 39,451,964 | 11,679 | 13,874,016 | 10,967,787 | 31,270,486 |
| 24. Fruit and vegetable preparations | 258 | 40,586,892 | 5,954 | 4,056,746 | 15,600,602 | 30,034,537 |
| 25. Coke and gas products | 42 | 93,534,495 | 3,639 | 4,897,746 | 12,241,698 | 29,812,650 |
| 26. Castings and forgings | 322 | 79,225,330 | 12,452 | 11,821,243 | 9,825,430 | 29,285,144 |
| 27. Sheet metal products | 157 | 51,671,470 | 6,372 | 6,756,826 | 14,831,672 | 27,886,299 |
| 28. Clothing, factory, men's | 163 | 16,434,048 | 8,098 | 7,269,994 | 15,262,351 | 27,280,591 |
| 29. Machinery | 179 | 57,753,031 | 7,191 | 7,894,912 | 7,731,233 | 22,270,195 |
| 30. Silk and artificial silk | 24 | 28,021,412 | 7,036 | 5,756,865 | 7,858,104 | 19,864,843 |
| 31. Coffee, tea and spices | 63 | 14,191,519 | 1,859 | 2,486,106 | 13,066,931 | 19,014,351 |
| 32. Furniture | 380 | 30,910,489 | 8,348 | 6,882,087 | 5,921,666 | 17,998,842 |
| 33. Furnishing goods, men's | 153 | 13,880,827 | 7,565 | 4,969,615 | 9,653,947 | 17,607,656 |
| 34. Medicinal and pharmaceutical preparations | 151 | 18,379,601 | 2,959 | 3,833,778 | 5,595,117 | 17,573,979 |
| 35. Dyeing, cleaning and laundry work | 409 | 24,893,114 | 11,170 | 9,020,441 | 1,587,586 | 17,302,779 |
| 36. Boxes and bags, paper | 126 | 20,110,391 | 4,654 | 4,412,048 | 8,787,604 | 17,026,439 |
| 37. Fish canning and curing | 629 | 17,043,212 | 4,128 | 2,344,164 | 10,263,631 | 16,684,125 |
| 38. Primary iron and steel | 52 | 96,323,629 | 4,847 | 6,131,057 | 6,289,483 | 16,197,526 |
| 39. Planing mills | 659 | 37,434,946 | 6,290 | 5,514,957 | 8,073,672 | 15,500,259 |
| 40. Paints, pigments and varnishes | 71 | 23,978,852 | 2,658 | 3,858,813 | 6,295,860 | 14,912,383 |
| TOTAL, FORTY LEADING INDUSTRIES | 19,019 | 3,843,069,485 | 379,019 | 383,939,332 | 770,591,353 | 1,682,095,045 |
| TOTAL, ALL INDUSTRIES | 24,544 | 4,741,255,610 | 495,398 | 505,883,323 | 955,968,683 | 2,126,194,555 |
| PERCENTAGE OF FORTY LEADING INDUSTRIES TO ALL INDUSTRIES | 77.5 | 81.1 | 76.5 | 75.9 | 80.6 | 79.1 |

Table 6. - Principal Statistics of the Manufacturing Industries of Canada, 1933. - (Component Material Classification).

| Name of Industry | Establishments | Capital Invested | Employees on Salaries | | | Employees on Wages | | | Cost of Materials | Value of Products | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Male | Female | Salaries | Male | Female | Wages | | Net | Gross |
| | No. | $ | No. | No. | $ | No. | No. | $ | $ | $ | $ |
| 1. - Vegetable Products | 5,542 | 509,533,005 | 11,890 | 2,970 | 22,974,383 | 39,838 | 18,397 | 43,163,104 | 224,243,088 | 197,606,784 | 421,849,872 |
| Biscuits, confectionery, cocoa, etc. | 236 | 41,410,901 | 1,627 | 470 | 3,441,034 | 3,496 | 4,298 | 4,673,200 | 15,725,547 | 19,450,547 | 35,176,094 |
| Bread and other bakery products | 3,073 | 45,091,801 | 2,368 | 583 | 2,656,264 | 12,771 | 1,755 | 12,243,948 | 23,427,623 | 27,816,539 | 51,244,162 |
| Breweries | 74 | 57,337,361 | 782 | 129 | 2,129,795 | 3,199 | 46 | 3,179,732 | 9,398,599 | 21,542,296 | 30,940,895 |
| Coffee, tea and spices | 67 | 14,004,437 | 574 | 173 | 1,434,468 | 642 | 496 | 941,802 | 14,041,869 | 5,877,775 | 19,919,644 |
| Distilleries | 17 | 53,316,284 | 262 | 48 | 742,455 | 730 | 354 | 873,378 | 3,655,641 | 6,807,458 | 10,463,099 |
| Flour and feed mills | 1,328 | 59,054,505 | 1,698 | 179 | 2,043,470 | 3,439 | 154 | 3,064,667 | 63,297,848 | 20,024,251 | 83,322,099 |
| Foods, breakfast | 14 | 4,566,437 | 65 | 32 | 179,713 | 287 | 154 | 443,012 | 2,258,321 | 5,023,865 | 7,282,186 |
| Foods, stock and poultry | 44 | 3,753,530 | 182 | 44 | 345,129 | 277 | 19 | 264,391 | 2,251,515 | 1,259,946 | 3,511,461 |
| Foods, miscellaneous | 101 | 9,505,525 | 393 | 159 | 877,856 | 590 | 419 | 778,638 | 5,647,072 | 5,923,257 | 11,570,329 |
| Fruit and vegetable preparations | 273 | 37,286,824 | 606 | 191 | 1,176,392 | 2,548 | 3,185 | 2,666,183 | 16,461,755 | 13,519,645 | 29,981,400 |
| Ice cream cones | 9 | 557,378 | 11 | 6 | 21,323 | 37 | 14 | 29,771 | 65,047 | 175,540 | 240,587 |
| Linseed oil and oil cake | 10 | 3,022,676 | 38 | 6 | 98,993 | 157 | - | 123,766 | 1,542,119 | 544,438 | 2,086,557 |
| Macaroni, vermicelli, etc. | 16 | 2,141,055 | 49 | 15 | 101,155 | 100 | 88 | 126,791 | 650,913 | 572,614 | 1,223,527 |
| Malt and malt products | 12 | 7,509,803 | 65 | 8 | 160,031 | 198 | 1 | 284,208 | 2,616,342 | 2,221,781 | 4,838,123 |
| Rice mills | 6 | 795,438 | 21 | 2 | 52,144 | 61 | - | 59,618 | 880,435 | 323,129 | 1,203,564 |
| Rubber goods, including footwear | 45 | 65,314,472 | 1,171 | 370 | 2,616,747 | 5,822 | 2,395 | 6,293,377 | 12,914,680 | 28,596,876 | 41,511,556 |
| Starch and glucose | 4 | 7,004,202 | 76 | 34 | 249,491 | 403 | 13 | 412,809 | 1,797,514 | 1,807,216 | 3,604,730 |
| Sugar refineries | 8 | 35,758,074 | 249 | 64 | 934,333 | 1,699 | 80 | 2,114,484 | 22,846,473 | 14,343,487 | 37,189,960 |
| Tobacco, cigars and cigarettes | 127 | 50,218,586 | 1,443 | 420 | 3,210,108 | 2,220 | 4,158 | 3,542,051 | 17,974,715 | 18,809,947 | 36,784,662 |
| Tobacco processing and packing | 22 | 4,132,884 | 105 | 10 | 233,969 | 874 | 737 | 764,364 | 5,460,521 | 1,648,500 | 7,109,021 |
| Wine | 56 | 7,750,832 | 105 | 27 | 269,513 | 288 | 31 | 282,914 | 1,328,539 | 1,317,677 | 2,646,216 |
| 2. - Animal Products | 4,496 | 201,993,642 | 8,211 | 1,907 | 13,365,486 | 33,465 | 9,528 | 33,087,702 | 179,429,948 | 91,638,262 | 271,068,210 |
| Animal oils and fats | 4 | 102,558 | 3 | - | 4,611 | 15 | - | 13,004 | 21,631 | 57,879 | 79,510 |
| Belting leather | 13 | 809,231 | 43 | 11 | 81,123 | 67 | - | 57,518 | 238,497 | 212,354 | 450,851 |

Table 6. - Principal Statistics of the Manufacturing Industries of Canada, 1933. - (Component Material Classification). - (Cont'd.)

| Name of Industry | Establishments | Capital Invested | Employees on Salaries | | | Employees on Wages | | | Cost of Materials | Value of Products | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Male | Female | Salaries | Male | Female | Wages | | Net | Gross |
| | No. | $ | No. | No. | $ | No. | No. | $ | $ | $ | $ |
| 2. - Animal Products - (Concl'd.) | | | | | | | | | | | |
| Boot and shoe findings, leather | 16 | 1,238,989 | 37 | 6 | 76,164 | 250 | 55 | 199,127 | 477,948 | 588,662 | 1,066,610 |
| Boots and shoes, leather | 205 | 22,963,783 | 980 | 454 | 2,315,648 | 8,076 | 5,016 | 8,193,813 | 16,347,068 | 15,944,024 | 32,291,092 |
| Butter and cheese | 2,693 | 57,849,628 | 3,435 | 685 | 3,995,891 | 8,770 | 255 | 8,545,144 | 54,482,522 | 25,913,365 | 80,395,887 |
| Condensed milk | 23 | 4,838,023 | 104 | 38 | 229,256 | 500 | 27 | 521,784 | 4,088,053 | 2,734,371 | 6,822,424 |
| Dairy products, other | 23 | 2,960,379 | 64 | 18 | 128,945 | 244 | 10 | 290,444 | 678,498 | 1,074,306 | 1,752,804 |
| Fish curing and packing | 620 | 15,532,775 | 429 | 44 | 558,500 | 2,682 | 909 | 1,788,885 | 10,960,289 | 6,420,034 | 17,380,323 |
| Fur dressing and dyeing | 13 | 1,114,267 | 72 | 8 | 174,977 | 567 | 122 | 504,460 | 296,242 | 1,152,990 | 1,449,232 |
| Fur goods | 322 | 9,392,890 | 482 | 157 | 961,503 | 1,184 | 906 | 1,840,945 | 6,862,837 | 4,688,858 | 11,551,695 |
| Gloves and mittens, leather | 44 | 1,994,041 | 120 | 46 | 204,864 | 528 | 822 | 711,410 | 1,402,855 | 1,388,763 | 2,791,618 |
| Hair goods, animal and human | 5 | 90,789 | 2 | 2 | 6,072 | 14 | 3 | 12,697 | 23,408 | 26,072 | 49,480 |
| Leather tanneries | 88 | 22,307,727 | 272 | 63 | 746,657 | 2,894 | 93 | 2,500,639 | 9,753,096 | 6,722,287 | 16,475,383 |
| Miscellaneous leather goods | 231 | 5,234,694 | 369 | 84 | 478,957 | 1,001 | 439 | 983,561 | 2,235,329 | 2,225,486 | 4,460,815 |
| Sausage and sausage casings | 61 | 973,470 | 61 | 12 | 85,361 | 232 | 40 | 197,484 | 1,094,131 | 590,218 | 1,684,349 |
| Slaughtering and meat packing | 135 | 54,590,398 | 1,738 | 279 | 3,316,957 | 6,441 | 831 | 6,786,787 | 70,467,544 | 21,898,593 | 92,366,137 |
| 3. - Textiles and Textile Products | 2,151 | 322,312,247 | 7,496 | 3,523 | 18,180,261 | 40,972 | 54,244 | 62,515,552 | 144,584,507 | 150,130,741 | 294,715,248 |
| Awnings, tents and sails | 60 | 1,563,084 | 106 | 30 | 172,892 | 177 | 121 | 205,236 | 633,532 | 617,531 | 1,251,063 |
| Bags, cotton and jute | 21 | 5,236,456 | 97 | 41 | 293,802 | 289 | 475 | 536,271 | 5,764,596 | 1,717,246 | 7,481,842 |
| Batting and wadding | 5 | 1,218,962 | 13 | 5 | 52,364 | 79 | 19 | 81,387 | 265,356 | 263,630 | 528,986 |
| Carpets, mats and rugs | 25 | 6,714,521 | 140 | 37 | 295,947 | 490 | 287 | 513,500 | 833,284 | 1,362,565 | 2,195,849 |
| Clothing, factory, men's | 163 | 14,954,100 | 799 | 311 | 1,576,249 | 3,[illegible] | 3,399 | 4,971,744 | 15,643,813 | 10,978,876 | 26,622,689 |
| Clothing, factory, women's | 540 | 18,132,022 | 1,381 | 741 | 3,157,485 | 3,742 | 9,400 | 8,671,493 | 25,885,073 | 18,650,750 | 44,53[illegible],823 |
| Clothing contractors, men's and women's | 101 | 406,115 | 156 | 18 | 164,168 | 658 | 987 | 776,102 | 117,328 | 1,120,500 | 1,237,828 |
| Cordage, rope and twine | 11 | 9,839,262 | 81 | 27 | 263,392 | 614 | 293 | 764,068 | 2,451,395 | 2,289,217 | 4,740,612 |
| Corsets | 20 | 3,740,176 | 139 | 152 | 497,065 | 137 | 1,070 | 657,914 | 1,881,362 | 2,233,013 | 4,114,375 |
| Cotton and wool waste | 15 | 848,975 | 27 | 14 | 76,590 | 110 | 68 | 119,678 | 741,274 | 541,171 | 1,282,445 |
| Cotton textiles, n.e.s. | 41 | 1,695,476 | 71 | 32 | 158,397 | 245 | 456 | 389,138 | 1,230,342 | 944,935 | 2,175,277 |
| Cotton thread | 6 | 3,434,383 | 74 | 24 | 186,311 | 163 | 390 | 408,578 | 1,096,062 | 2,198,382 | 3,294,444 |
| Cotton yarn and cloth | 37 | 75,422,396 | 429 | 137 | 1,107,747 | 9,578 | 5,951 | 10,641,539 | 26,456,914 | 24,722,714 | 51,179,628 |
| Dyeing and finishing of textiles | 22 | 5,627,806 | 98 | 34 | 284,437 | 594 | 138 | 570,214 | 1,204,498 | 1,970,551 | 3,175,049 |

Table 6. - Principal Statistics of the Manufacturing Industries of Canada, 1933. - (Component Material Classification). - (Cont'd.)

| Name of Industry | Establishments | Capital Invested | Employees on Salaries | | | Employees on Wages | | | Cost of Materials | Value of Products | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Male | Female | Salaries | Male | Female | Wages | | Net | Gross |
| | No. | $ | No. | No. | $ | No. | No. | $ | $ | $ | $ |
| 3. - Textiles and Textile Products - (Concl'd.) | | | | | | | | | | | |
| Dyeing, cleaning and laundry work | 411 | 23,581,811 | 876 | 473 | 1,847,851 | 3,635 | 5,544 | 6,034,538 | 1,399,646 | 13,840,335 | 15,239,981 |
| Flax, dressed | 6 | 72,408 | 1 | - | 1,800 | 40 | - | 9,919 | 17,819 | 21,061 | 38,880 |
| Furnishing goods, men's | 163 | 14,280,349 | 564 | 265 | 1,352,285 | 1,004 | 6,356 | 3,532,350 | 10,784,990 | 8,297,581 | 19,082,571 |
| Gloves and mittens, fabric | 8 | 631,051 | 14 | 5 | 33,318 | 53 | 140 | 93,264 | 201,177 | 186,270 | 387,447 |
| Hats and caps | 149 | 5,521,356 | 328 | 150 | 697,912 | 1,292 | 1,580 | 2,057,854 | 3,900,160 | 4,886,482 | 8,786,642 |
| Hosiery and knitted goods | 170 | 49,485,772 | 855 | 576 | 2,517,057 | 5,096 | 10,632 | 10,093,036 | 19,473,785 | 21,523,425 | 40,997,210 |
| Linen goods | - | - | - | - | - | - | - | - | - | - | - |
| Miscellaneous textiles, n.e.s. | 12 | 11,417,302 | 228 | 38 | 677,275 | 774 | 135 | 705,543 | 2,364,550 | 3,212,863 | 5,577,413 |
| Oiled and waterproof clothing | 15 | 606,389 | 30 | 11 | 62,410 | 86 | 110 | 123,536 | 364,688 | 279,442 | 644,130 |
| Silk and artificial silk | 29 | 30,192,870 | 467 | 213 | 1,308,883 | 4,026 | 3,095 | 4,829,649 | 7,795,542 | 14,959,427 | 22,754,969 |
| Woollen cloth | 62 | 22,231,585 | 336 | 111 | 890,464 | 2,876 | 2,219 | 3,581,027 | 8,500,500 | 7,392,614 | 15,893,114 |
| Woollen goods, n.e.s. | 24 | 6,751,204 | 77 | 28 | 254,039 | 664 | 205 | 706,676 | 1,636,034 | 2,518,163 | 4,154,197 |
| Woollen yarn | 33 | 8,526,294 | 103 | 47 | 231,313 | 1,069 | 1,143 | 1,411,420 | 2,834,122 | 3,282,781 | 7,116,903 |
| All other industries | 2 | 180,122 | 6 | 3 | 18,808 | 21 | 31 | 29,778 | 106,665 | 119,216 | 225,881 |
| 4. - Wood and Paper Products | 7,917 | 893,309,680 | 18,498 | 4,473 | 35,027,381 | 73,806 | 8,694 | 67,472,996 | 134,979,700 | 207,175,377 | 342,155,077 |
| Beekeepers' and poultrymen's supplies | 8 | 162,128 | 13 | 4 | 15,586 | 22 | - | 12,875 | 18,797 | 105,717 | 124,514 |
| Blue printing | 18 | 173,636 | 21 | 6 | 34,705 | 48 | 5 | 29,251 | 40,730 | 85,193 | 125,923 |
| Boat building | 111 | 1,747,655 | 147 | 10 | 135,036 | 268 | - | 167,730 | 158,784 | 458,543 | 617,327 |
| Boxes and bags, paper | 132 | 20,111,982 | 609 | 223 | 1,674,961 | 2,046 | 2,036 | 2,883,216 | 9,568,160 | 8,232,170 | 17,800,330 |
| Boxes, wooden | 138 | 7,367,845 | 290 | 46 | 499,461 | 2,279 | 234 | 1,372,268 | 2,393,054 | 2,961,804 | 5,354,858 |
| Carriages, wagons and sleighs | 218 | 2,674,293 | 245 | 7 | 168,627 | 239 | 1 | 142,253 | 174,332 | 551,950 | 726,282 |
| Carriage and wagon materials | 4 | 239,621 | 10 | 3 | 21,015 | 63 | - | 51,648 | 120,473 | 128,161 | 248,634 |
| Clothes pins | 3 | 299,766 | 6 | 2 | 15,572 | 178 | 42 | 90,423 | 67,937 | 177,029 | 244,966 |
| Coffins and caskets | 43 | 3,755,818 | 122 | 27 | 241,356 | 542 | 112 | 530,235 | 806,023 | 1,543,390 | 2,349,413 |
| Cooperage | 89 | 1,840,905 | 112 | 10 | 132,372 | 489 | - | 353,357 | 1,256,152 | 953,380 | 2,209,532 |
| Engraving, stereotyping and electrotyping | 88 | 9,450,746 | 404 | 135 | 1,132,224 | 1,246 | 339 | 1,934,563 | 988,964 | 4,183,287 | 5,172,251 |
| Excelsior | 11 | 304,537 | 16 | 5 | 15,292 | 47 | 13 | 33,986 | 49,908 | 86,570 | 136,478 |
| Flooring, hardwood | 24 | 4,383,274 | 110 | 21 | 218,906 | 899 | 8 | 514,431 | 1,531,928 | 1,106,716 | 2,638,644 |

Table 6. - Principal Statistics of the Manufacturing Industries of Canada, 1933. - (Component Material Classification). - (Cont'd.)

| Name of Industry | Establishments | Capital Invested | Employees on Salaries | | | Employees on Wages | | | Cost of Materials | Value of Products | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Male | Female | Salaries | Male | Female | Wages | | Net | Gross |
| | No. | $ | No. | No. | $ | No. | No. | $ | $ | $ | $ |
| 4. - Wood and Paper Products - (Concl'd.) | | | | | | | | | | | |
| Furniture | 383 | 27,089,361 | 990 | 225 | 1,759,856 | 6,222 | 285 | 3,896,150 | 5,267,902 | 9,749,040 | 15,016,942 |
| Lasts, trees and shoe findings | 12 | 1,196,819 | 40 | 19 | 115,676 | 331 | 212 | 305,550 | 304,183 | 896,710 | 1,200,893 |
| Lithographing | 44 | 12,340,657 | 340 | 170 | 1,271,706 | 1,331 | 477 | 1,919,871 | 2,801,571 | 5,010,503 | 7,812,074 |
| Miscellaneous paper products | 95 | 12,503,583 | 413 | 196 | 1,099,609 | 1,013 | 647 | 1,285,549 | 5,458,435 | 5,303,933 | 10,762,368 |
| Miscellaneous wooden products | 168 | 5,244,924 | 234 | 41 | 267,059 | 726 | 72 | 499,496 | 977,580 | 1,336,662 | 2,314,242 |
| Planing mills, sash and door factories | 668 | 32,232,967 | 1,150 | 155 | 1,471,960 | 4,004 | 33 | 2,625,095 | 5,867,395 | 6,051,950 | 11,919,345 |
| Printing and bookbinding | 1,122 | 38,860,669 | 2,423 | 676 | 4,806,605 | 6,065 | 2,107 | 7,470,602 | 9,694,048 | 18,516,028 | 28,210,076 |
| Printing and publishing | 768 | 58,234,531 | 5,435 | 1,786 | 10,609,254 | 7,598 | 1,145 | 10,870,250 | 9,791,679 | 41,020,289 | 50,811,968 |
| Pulp and paper | 95 | 559,265,544 | 2,493 | 437 | 6,398,017 | 20,537 | 530 | 20,193,032 | 47,632,521 | 75,782,971 | 123,415,492 |
| Roofing paper, wall board, etc. | 12 | 3,920,706 | 161 | 45 | 399,089 | 310 | 1 | 260,367 | 1,616,075 | 1,970,759 | 3,586,834 |
| Sawmills | 3,517 | 74,304,090 | 2,364 | 133 | 1,624,235 | 15,184 | 98 | 8,415,930 | 22,870,710 | 16,567,347 | 39,438,057 |
| Sporting goods | 33 | 1,413,332 | 63 | 27 | 105,550 | 335 | 115 | 282,028 | 440,362 | 656,207 | 1,096,569 |
| Trade composition | 25 | 943,279 | 58 | 11 | 138,222 | 194 | 11 | 228,250 | 42,953 | 540,094 | 583,047 |
| Woodenware | 19 | 836,730 | 43 | 10 | 86,933 | 349 | 22 | 202,309 | 193,054 | 435,904 | 628,958 |
| Wood turning | 39 | 1,564,861 | 66 | 12 | 90,635 | 447 | 26 | 283,693 | 487,852 | 600,079 | 1,087,931 |
| All other industries | 20 | 10,845,421 | 130 | 31 | 477,862 | 794 | 73 | 618,588 | 4,358,138 | 2,162,991 | 6,521,129 |
| 5. - Iron and Its Products | 1,291 | 580,760,379 | 9,394 | 2,401 | 21,166,641 | 56,918 | 2,234 | 48,316,089 | 97,705,853 | 114,256,055 | 211,961,908 |
| Agricultural implements | 40 | 63,903,380 | 482 | 133 | 1,094,880 | 2,382 | 42 | 1,952,621 | 2,215,031 | 3,111,385 | 5,326,416 |
| Automobiles | 22 | 40,000,559 | 1,214 | 429 | 3,306,226 | 6,339 | 152 | 5,251,105 | 28,730,750 | 14,154,893 | 42,885,643 |
| Automobile supplies | 83 | 16,975,182 | 414 | 166 | 985,998 | 2,824 | 372 | 2,583,485 | 6,034,155 | 6,967,030 | 13,001,185 |
| Bicycles | 3 | 2,035,493 | 6 | 4 | 19,573 | 213 | 13 | 227,481 | 276,816 | 435,808 | 712,624 |
| Boilers, tanks and engines | 50 | 13,331,336 | 341 | 65 | 708,231 | 1,161 | 5 | 1,034,026 | 1,553,690 | 2,891,566 | 4,445,256 |
| Bridge and structural steel work | 18 | 22,905,185 | 391 | 56 | 1,074,747 | 986 | - | 927,736 | 1,806,451 | 3,809,979 | 5,616,430 |
| Castings and forgings | 327 | 72,810,073 | 1,374 | 382 | 2,949,447 | 9,228 | 127 | 6,867,448 | 8,053,094 | 16,144,253 | 24,197,347 |
| Hardware and tools | 145 | 24,701,400 | 497 | 183 | 1,146,835 | 2,996 | 580 | 2,497,003 | 3,003,383 | 6,758,583 | 9,761,966 |
| Iron and steel products, n.e.s. | 83 | 5,456,336 | 241 | 47 | 418,169 | 675 | 14 | 516,465 | 910,818 | 1,550,755 | 2,461,573 |
| Machinery | 199 | 53,167,815 | 1,419 | 386 | 2,872,052 | 4,445 | 67 | 3,703,796 | 6,787,924 | 12,125,002 | 18,912,926 |
| Primary iron and steel | 50 | 96,444,846 | 484 | 85 | 1,189,039 | 4,616 | 15 | 4,860,150 | 7,598,931 | 10,893,618 | 18,492,549 |
| Railway rolling stock | 37 | 86,509,047 | 1,184 | 63 | 2,443,658 | 14,894 | 31 | 12,140,363 | 13,574,592 | 16,097,673 | 29,672,265 |

Table 6. - Principal Statistics of the Manufacturing Industries of Canada, 1933. - (Component Material Classification). - (Cont'd.)

| Name of Industry | Establishments | Capital Invested | Employees on Salaries | | | Employees on Wages | | | Cost of Materials | Value of Products | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Male | Female | Salaries | Male | Female | Wages | | Net | Gross |
| | No | $ | No. | No. | $ | No. | No. | $ | $ | $ | $ |
| 5. - Iron and Its Products - (Concl'd.) | | | | | | | | | | | |
| Sheet metal products | 172 | 53,851,889 | 1,001 | 298 | 2,093,714 | 4,061 | 640 | 3,940,069 | 13,828,178 | 12,135,650 | 25,963,828 |
| Wire and wire goods | 72 | 28,667,338 | 346 | 104 | 864,072 | 2,098 | 176 | 1,814,341 | 3,332,040 | 7,179,860 | 10,511,900 |
| 6. - Non-Ferrous Metal Products | 478 | 266,266,443 | 4,421 | 1,352 | 10,413,057 | 16,744 | 2,756 | 17,685,969 | 71,990,608 | 92,774,996 | 164,765,604 |
| Aluminum products | 15 | 3,654,541 | 107 | 35 | 223,302 | 441 | 55 | 447,965 | 1,458,444 | 1,319,830 | 2,778,274 |
| Brass and copper products | 123 | 22,167,121 | 685 | 148 | 1,354,604 | 2,356 | 206 | 2,062,219 | 7,409,636 | 5,740,923 | 13,150,559 |
| Electrical apparatus and supplies | 174 | 80,844,131 | 2,567 | 871 | 6,213,638 | 6,403 | 1,926 | 6,214,792 | 14,504,269 | 22,508,240 | 37,012,509 |
| Jewelry and silverware | 103 | 7,550,158 | 300 | 152 | 749,714 | 1,362 | 393 | 1,431,438 | 2,693,288 | 3,674,610 | 6,367,898 |
| Lead, tin and zinc products | 29 | 4,842,077 | 115 | 50 | 301,525 | 385 | 130 | 463,550 | 2,501,790 | 1,734,961 | 4,236,751 |
| Miscellaneous non-ferrous metals | 19 | 1,123,131 | 51 | 13 | 108,894 | 122 | 40 | 124,204 | 180,618 | 477,698 | 658,316 |
| Non-ferrous metal smelting and refining | 15 | 146,085,284 | 596 | 83 | 1,461,380 | 5,675 | 6 | 6,941,801 | 43,242,563 | 57,318,734 | 100,561,297 |
| 7. - Non-Metallic Mineral Products | 1,144 | 307,996,274 | 3,100 | 662 | 6,282,123 | 15,112 | 422 | 15,398,140 | 71,713,986 | 70,077,465 | 141,791,451 |
| Abrasive products | 14 | 5,176,927 | 111 | 34 | 266,755 | 427 | - | 438,974 | 1,338,879 | 2,211,577 | 3,550,456 |
| Aerated and mineral waters | 374 | 12,856,731 | 572 | 101 | 912,574 | 1,580 | 68 | 1,485,288 | 2,636,285 | 7,829,460 | 10,465,745 |
| Asbestos products | 11 | 1,777,975 | 39 | 10 | 96,081 | 157 | 16 | 112,499 | 331,062 | 426,564 | 757,626 |
| Cement | - | - | - | - | - | - | - | - | - | - | - |
| Cement products | 83 | 3,545,805 | 87 | 10 | 138,096 | 359 | 4 | 254,845 | 625,525 | 971,473 | 1,596,998 |
| Clay products, from domestic clay | 157 | 24,211,880 | 207 | 32 | 440,966 | 1,073 | - | 660,927 | - | 2,262,835 | 2,262,835 |
| Clay products, from imported clay | 18 | 4,220,768 | 66 | 13 | 157,809 | 387 | 70 | 313,933 | 288,379 | 916,673 | 1,205,052 |
| Coke and gas products | 42 | 94,225,476 | 670 | 236 | 1,437,923 | 2,616 | 4 | 3,168,385 | 12,729,075 | 17,207,900 | 29,936,975 |
| Glass products | 66 | 13,207,596 | 234 | 68 | 544,640 | 2,052 | 225 | 2,041,730 | 2,950,309 | 4,880,486 | 7,830,795 |
| Lime | 60 | 8,920,042 | 57 | 8 | 85,861 | 631 | - | 394,972 | - | 2,432,306 | 2,432,306 |
| Miscellaneous non-metallic mineral products | 33 | 7,296,350 | 67 | 16 | 158,292 | 314 | 19 | 268,593 | 897,258 | 1,831,314 | 2,728,572 |
| Petroleum products | 47 | 68,193,854 | 590 | 81 | 1,325,785 | 3,943 | 14 | 4,816,160 | 49,187,757 | 21,080,508 | 70,268,265 |
| Salt | 9 | 3,708,358 | 46 | 17 | 144,454 | 337 | - | 328,966 | - | 1,939,874 | 1,939,874 |
| Sand-lime brick | 6 | 789,962 | 13 | - | 24,414 | 54 | - | 38,170 | 37,934 | 78,433 | 116,367 |
| Stone, monumental and ornamental | 212 | 5,461,171 | 261 | 31 | 387,793 | 527 | 2 | 453,632 | 691,523 | 1,471,127 | 2,162,650 |
| All other industries | 12 | 54,403,379 | 80 | 5 | 160,680 | 655 | - | 621,066 | - | 4,536,935 | 4,536,935 |

Table 6. - Principal Statistics of the Manufacturing Industries of Canada, 1933. - (Component Materials Classification). - (Cont'd.)

| Name of Industry | Establishments | Capital Invested | Employees on Salaries | | | Employees on Wages | | | Cost of Materials | Value of Products | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Male | Female | Salaries | Male | Female | Wages | | Net | Gross |
| | No. | $ | No. | No. | $ | No. | No. | $ | $ | $ | $ |
| 8. - Chemicals and Chemical Products. | 696 | 153,900,930 | 3,937 | 1,411 | 9,918,789 | 7,693 | 2,356 | 8,819,840 | 34,271,854 | 58,548,907 | 92,820,761 |
| Acids, alkalies and salts ..... | 15 | 44,239,418 | 327 | 39 | 780,267 | 1,521 | 4 | 1,535,158 | 2,463,958 | 10,249,087 | 12,713,045 |
| Adhesives ..... | 16 | 2,271,071 | 47 | 10 | 121,695 | 212 | 14 | 192,310 | 463,199 | 678,562 | 1,141,761 |
| Coal tar distillation ..... | 10 | 5,031,890 | 47 | 8 | 143,633 | 128 | - | 128,806 | 1,076,277 | 596,022 | 1,672,299 |
| Explosives, ammunition and fireworks ..... | 8 | 6,583,517 | 156 | 16 | 402,553 | 803 | 193 | 858,109 | 2,360,404 | 5,018,328 | 7,378,732 |
| Fertilizers ..... | 20 | 15,918,787 | 142 | 24 | 298,582 | 501 | - | 478,065 | 2,796,726 | 1,489,325 | 4,286,051 |
| Gases, compressed..... | 31 | 4,024,437 | 159 | 64 | 384,798 | 203 | 2 | 228,480 | 371,204 | 2,119,011 | 2,490,215 |
| Inks, printing and writing ..... | 28 | 2,398,155 | 135 | 42 | 390,806 | 198 | 19 | 252,257 | 758,700 | 1,347,736 | 2,106,436 |
| Medicinal and pharmaceutical preparations ..... | 158 | 17,402,705 | 840 | 449 | 2,397,119 | 853 | 1,027 | 1,453,809 | 5,774,391 | 11,289,458 | 17,063,849 |
| Miscellaneous chemical products .. | 105 | 11,737,860 | 364 | 125 | 777,128 | 682 | 315 | 741,264 | 2,654,632 | 4,227,527 | 6,882,159 |
| Paints, pigments and varnishes ... | 78 | 22,438,251 | 880 | 251 | 2,102,874 | 1,273 | 136 | 1,362,073 | 6,153,836 | 8,742,857 | 14,896,693 |
| Polishes and dressings ..... | 48 | 1,861,062 | 108 | 49 | 237,885 | 121 | 62 | 156,986 | 720,913 | 1,058,930 | 1,779,843 |
| Soaps and washing compounds ..... | 93 | 13,139,674 | 526 | 148 | 1,291,792 | 907 | 195 | 1,010,523 | 6,494,999 | 7,768,235 | 14,263,234 |
| Toilet preparations ..... | 80 | 4,817,533 | 196 | 186 | 573,452 | 163 | 389 | 324,772 | 1,728,317 | 3,749,007 | 5,477,324 |
| Wood distillation ..... | 6 | 2,036,570 | 10 | - | 16,205 | 128 | - | 97,228 | 454,298 | 214,822 | 669,120 |
| 9. - Miscellaneous Industries ..... | 476 | 66,769,049 | 1,804 | 535 | 3,837,676 | 6,353 | 1,669 | 6,505,024 | 10,269,030 | 17,918,605 | 28,187,635 |
| Aircraft ..... | 5 | 1,249,792 | 39 | 2 | 70,096 | 99 | 7 | 98,957 | 97,677 | 247,540 | 345,217 |
| Artificial flowers and feathers .. | 9 | 159,781 | 14 | 17 | 25,508 | 13 | 82 | 32,864 | 47,672 | 87,710 | 135,382 |
| Automobile accessories, fabric ... | 9 | 267,133 | 11 | 4 | 22,151 | 36 | 16 | 38,807 | 59,805 | 74,753 | 134,558 |
| Brooms, brushes and mops ..... | 81 | 3,724,636 | 214 | 76 | 380,909 | 861 | 223 | 653,074 | 1,089,807 | 1,623,969 | 2,713,776 |
| Buttons ..... | 18 | 1,326,745 | 68 | 16 | 140,199 | 259 | 225 | 294,362 | 389,858 | 745,766 | 1,135,624 |
| Candles ..... | 12 | 759,960 | 32 | 10 | 73,650 | 47 | 20 | 41,385 | 154,553 | 210,284 | 364,837 |
| Fountain pens and pencils ..... | 10 | 2,041,297 | 91 | 32 | 193,004 | 153 | 188 | 221,388 | 633,843 | 818,137 | 1,451,980 |
| Ice, artificial ..... | 43 | 5,093,205 | 77 | 15 | 144,569 | 263 | 3 | 276,998 | 51,325 | 1,451,915 | 1,503,240 |
| Jewel cases and silverware cabinets | 4 | 137,624 | 13 | 11 | 24,583 | 26 | 23 | 30,249 | 52,069 | 89,592 | 141,661 |
| Mattresses and springs ..... | 60 | 5,533,309 | 217 | 58 | 527,378 | 1,008 | 215 | 966,665 | 2,646,963 | 2,213,631 | 4,860,594 |
| Motion pictures ..... | 9 | 964,081 | 121 | 34 | 241,538 | 13 | 3 | 22,646 | 418,566 | 588,450 | 1,007,016 |
| Musical instruments ..... | 18 | 4,758,053 | 129 | 34 | 295,405 | 488 | 133 | 413,145 | 781,151 | 834,609 | 1,615,760 |
| Novelties, advertising, and other. | 11 | 187,230 | 15 | 6 | 34,232 | 28 | 64 | 47,299 | 103,185 | 126,502 | 229,687 |
| Refrigerators, other than electric or gas ..... | 7 | 756,274 | 31 | 8 | 41,606 | 108 | 2 | 64,247 | 124,303 | 153,890 | 278,193 |

Table 6. - Principal Statistics of the Manufacturing Industries of Canada, 1933. - (Component Material Classification). - (Concl'd.)

| Name of Industry | Establishments | Capital Invested | Employees on Salaries | | | Employees on Wages | | | Cost of Materials | Value of Products | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Male | Female | Salaries | Male | Female | Wages | | Net | Gross |
| | No. | $ | No. | No. | $ | No. | No. | $ | $ | $ | $ |
| 9. - Miscellaneous Industries - (Concl'd.) | | | | | | | | | | | |
| Regalia and society emblems ..... | 10 | 181,217 | 13 | 7 | 23,765 | 9 | 20 | 21,008 | 22,675 | 60,435 | 83,110 |
| Scientific and professional equipment ..... | 27 | 3,352,615 | 135 | 84 | 390,369 | 389 | 201 | 556,481 | 1,580,612 | 2,921,369 | 4,501,981 |
| Shipbuilding and repairs ..... | 38 | 32,622,232 | 332 | 37 | 679,886 | 1,880 | 5 | 1,964,510 | 989,661 | 3,532,206 | 4,521,867 |
| Signs, electric ... | 18 | 1,151,844 | 69 | 15 | 132,119 | 213 | 5 | 234,935 | 184,962 | 593,521 | 778,483 |
| Stamps and stencils, rubber and metal . | 31 | 591,710 | 63 | 14 | 107,475 | 154 | 8 | 146,734 | 59,381 | 355,282 | 414,663 |
| Statuary, art goods and church supplies | 27 | 562,236 | 52 | 26 | 97,818 | 118 | 124 | 162,278 | 276,032 | 346,274 | 622,306 |
| Store display accessories ..... | 3 | 117,711 | 5 | 3 | 7,629 | 24 | 3 | 20,435 | 10,562 | 36,788 | 47,350 |
| Toys and toy equipment ..... | 12 | 234,501 | 20 | 6 | 30,786 | 83 | 43 | 67,364 | 114,460 | 289,434 | 403,894 |
| Typewriter supplies | 6 | 719,903 | 31 | 16 | 121,620 | 53 | 24 | 85,174 | 232,759 | 391,095 | 623,854 |
| Umbrellas ..... | 5 | 151,181 | 8 | 3 | 22,981 | 17 | 28 | 32,643 | 121,035 | 92,297 | 213,332 |
| All other industries | 3 | 124,779 | 4 | 1 | 8,400 | 11 | 4 | 11,376 | 26,114 | 33,156 | 59,270 |
| 10. - Central Electric Stations ..... | 1,041 | 1,386,532,055 | 5,158 | 1,351 | 10,694,526 | 8,208 | - | 10,737,351 | - | 117,532,081 | 117,532,081 |
| TOTAL ..... | 25,232 | 4,689,373,704 | 73,909 | 20,585 | 151,860,323 | 299,109 | 100,300 | 313,701,767 | 969,188,574 | 1,117,659,273 | 2,086,847,847 |

1/2/35.EB.