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DEPARTMENT OF TRADE AND COMMERCE

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+ + + *Industry and Merchandising Division* + + +

MINING, METALLURGICAL & CHEMICAL SECTION



THE WIRE AND WIRE GOODS INDUSTRY

IN

CANADA

1947



**OTTAWA
1949**

Price 25 cents

THE WINE AND VINEYARD INDUSTRY

IN

ONTARIO

1917

Dominion Statistician:
 Director - Industry and Merchandising Division:
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Annual Industry Report

Iron and Steel and Their Products Group

THE WIRE AND WIRE GOODS INDUSTRY, 1947

This report presents statistics for the Wire and Wire Goods Industry which is a part of the iron and steel group and covers all establishments in Canada engaged chiefly in drawing iron and steel wire or in fabricating products from wire of iron or steel.

In 1947 the 97 factories in this industry were distributed by provinces as follows: Ontario, 57; Quebec, 22; British Columbia, 12; New Brunswick, 2; Nova Scotia, 1; Manitoba, 2; and Alberta, 1.

Factory sales in 1947 were valued at \$54,563,614, including plain and galvanized wire, barbed wire, wire fencing, wire nails, tacks, staples, screws, wire cloth, wire rope, bale ties, upholstering springs and other such commodities. In 1946 factory sales were reported at \$40,133,889 and in 1945 at \$41,026,403.

The 12 wire-drawing plants which operated in 1947 employed 3,807 workers, while the 85 establishments engaged only in the fabricating of wire goods had 2,880 workers. Sales from the wire-drawing plants amounted to \$32,567,743 and from the fabricating plants to \$21,995,871.

The average number of employees in all plants in 1947 was 6,687, of whom 4,409 worked in Ontario and 1,526 in Quebec. Payments to the 1,169 salaried employees totalled \$3,230,277 while the 5,518 wage-earners were paid \$10,681,192, a total for salaries and wages of \$13,911,469. In 1946 payments amounting to \$11,130,686 were made to 6,140 employees.

Table 1 - PRINCIPAL STATISTICS OF THE WIRE AND WIRE GOODS INDUSTRY, 1938-1947

| Year | Number of plants | Average number of employees | Salaries and wages | Cost of fuel and electricity at works | Cost of purchased materials at works | Gross selling value of shipments at works |
|-----------------|------------------|-----------------------------|--------------------|---------------------------------------|--------------------------------------|---|
| | | | \$ | \$ | \$ | \$ |
| 1938 | 77 | 4,331 | 5,096,940 | 556,849 | 6,005,857 | 20,605,207 |
| 1939 | 76 | 4,523 | 5,684,938 | 621,476 | 7,262,999 | 25,063,379 |
| 1940 | 73 | 5,126 | 7,126,134 | 717,339 | 10,298,230 | 32,446,893 |
| 1941 | 82 | 6,396 | 9,107,560 | 801,366 | 13,235,277 | 42,395,022 |
| 1942 | 78 | 6,877 | 10,625,721 | 824,176 | 13,704,549 | 42,702,658 |
| 1943 | 80 | 6,674 | 10,993,311 | 903,977 | 12,717,237 | 41,117,308 |
| 1944 | 84 | 6,575 | 11,449,592 | 934,152 | 13,506,456 | 41,609,836 |
| 1945 | 89 | 6,158 | 10,791,526 | 953,731 | 13,837,950 | 41,026,403 |
| 1946 | 97 | 6,140 | 11,130,686 | 893,986 | 12,528,160 | 40,133,889 |
| 1947 | 97 | 6,687 | 13,911,469 | 1,018,054 | 18,278,925 | 54,563,614 |
| Per cent change | | | | | | |
| 1947 from 1946. | .. | +8.9 | +25.0 | +13.9 | +45.9 | +36.0 |

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

Table 2 - PRINCIPAL STATISTICS, BY SUB-GROUPS, 1946 and 1947

| Year | Number of plants | Average number of employees | Salaries and wages | Cost of fuel and electricity at works | Cost of purchased materials at works | Gross selling value of shipments at works |
|-------------------------------|------------------|-----------------------------|--------------------|---------------------------------------|--------------------------------------|---|
| | | | \$ | \$ | \$ | \$ |
| 1946 | | | | | | |
| Wire-drawing plants | 12 | 3,443 | 6,469,503 | 713,453 | 6,591,485 | 23,873,191 |
| Fabricating plants only | 85 | 2,697 | 4,661,183 | 180,533 | 5,936,675 | 16,260,698 |
| TOTAL | 97 | 6,140 | 11,130,686 | 893,986 | 12,528,160 | 40,133,889 |

NOTE: This report was prepared by J. J. Parchelo, Statistician, Metal & Chemical Products.

Table 2 - PRINCIPAL STATISTICS, BY SUB-GROUPS, 1946 and 1947 (Concluded)

| Year | Number of plants | Average number of employees | Salaries and wages | Cost of fuel and electricity at works | Cost of purchased materials at works | Gross selling value of shipments at works |
|-------------------------------|------------------|-----------------------------|--------------------|---------------------------------------|--------------------------------------|---|
| | | | \$ | \$ | \$ | \$ |
| <u>1947</u> | | | | | | |
| Wire-drawing plants | 12 | 3,807 | 8,192,463 | 807,468 | 9,314,110 | 32,567,743 |
| Fabricating plants only | 85 | 2,880 | 5,719,006 | 210,586 | 8,964,815 | 21,995,871 |
| TOTAL | 97 | 6,687 | 13,911,469 | 1,018,054 | 18,278,925 | 54,563,614 |

Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1946 and 1947

| Year | Number of plants | Average number of employees | Salaries and wages | Cost of fuel and electricity at works | Cost of purchased materials at works | Gross selling value of shipments at works |
|------------------|------------------|-----------------------------|--------------------|---------------------------------------|--------------------------------------|---|
| | | | \$ | \$ | \$ | \$ |
| <u>1946</u> | | | | | | |
| Nova Scotia | 1) | 398 | 575,569 | 60,605 | 645,596 | 3,137,565 |
| New Brunswick .. | 2) | | | | | |
| Quebec | 25 | 1,510 | 2,637,673 | 287,695 | 2,588,567 | 10,130,906 |
| Ontario | 56 | 3,921 | 7,341,727 | 517,025 | 7,742,866 | 23,699,086 |
| Manitoba | 2) | | | | | |
| Alberta | 1) | 15 | 21,969 | 1,101 | 10,829 | 41,493 |
| British Columbia | 10 | 296 | 553,748 | 27,560 | 1,540,302 | 3,124,839 |
| CANADA | 97 | 6,140 | 11,130,686 | 893,986 | 12,528,160 | 40,133,889 |
| <u>1947</u> | | | | | | |
| Nova Scotia | 1) | 389 | 840,329 | 73,676 | 963,385 | 4,460,643 |
| New Brunswick .. | 2) | | | | | |
| Quebec | 22 | 1,526 | 2,977,061 | 280,995 | 3,279,283 | 12,222,305 |
| Ontario | 57 | 4,409 | 9,374,340 | 626,989 | 11,644,957 | 33,718,094 |
| Manitoba | 2) | | | | | |
| Alberta | 1) | 14 | 22,807 | 1,266 | 13,515 | 51,824 |
| British Columbia | 12 | 349 | 696,932 | 35,128 | 2,377,785 | 4,110,748 |
| CANADA | 97 | 6,687 | 13,911,469 | 1,018,054 | 18,278,925 | 54,563,614 |

Table 4 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1946 and 1947

| Province | Average Number of Employees | | | | | Salaries | Wages | TOTAL SALARIES and WAGES |
|-------------------|-----------------------------|--------|----------|--------|-------|-----------|------------|--------------------------------|
| | On Salaries | | On Wages | | TOTAL | | | |
| | Male | Female | Male | Female | | | | |
| | | | | | | \$ | \$ | \$ |
| 1946 | | | | | | | | |
| Nova Scotia) | | | | | | | | |
| New Brunswick ..) | 14 | 6 | 378 | ... | 398 | 43,420 | 532,149 | 575,569 |
| Quebec | 206 | 92 | 1,044 | 168 | 1,510 | 700,420 | 1,937,253 | 2,637,673 |
| Ontario | 475 | 260 | 2,759 | 427 | 3,921 | 1,850,911 | 5,490,816 | 7,341,727 |
| Manitoba | | | | | | | | |
| Alberta | 4 | 1 | 10 | ... | 15 | 8,860 | 13,109 | 21,969 |
| British Columbia | 38 | 16 | 177 | 65 | 296 | 165,522 | 388,226 | 553,748 |
| CANADA | 737 | 375 | 4,368 | 660 | 6,140 | 2,769,133 | 8,361,553 | 11,130,686 |
| 1947 | | | | | | | | |
| Nova Scotia) | | | | | | | | |
| New Brunswick ..) | 34 | 6 | 349 | ... | 389 | 111,318 | 729,011 | 840,329 |
| Quebec | 206 | 85 | 1,082 | 153 | 1,526 | 781,622 | 2,195,439 | 2,977,061 |
| Ontario | 513 | 258 | 3,156 | 482 | 4,409 | 2,136,963 | 7,237,377 | 9,374,340 |
| Manitoba | | | | | | | | |
| Alberta | 5 | ... | 9 | ... | 14 | 7,600 | 15,207 | 22,807 |
| British Columbia | 42 | 20 | 211 | 76 | 349 | 192,774 | 504,158 | 696,932 |
| CANADA | 800 | 369 | 4,807 | 711 | 6,687 | 3,230,277 | 10,681,192 | 13,911,469 |

Table 5 - WAGE-EARNERS, BY MONTHS, 1946 and 1947 (On the last work-day of each month)

| Month | 1946 | | | 1947 | | |
|-----------------|-------|--------|-------|-------|--------|-------|
| | Male | Female | Total | Male | Female | Total |
| January | 4,616 | 691 | 5,307 | 4,636 | 700 | 5,336 |
| February | 4,675 | 687 | 5,362 | 4,717 | 705 | 5,422 |
| March | 4,757 | 700 | 5,457 | 4,771 | 720 | 5,491 |
| April | 4,782 | 722 | 5,504 | 4,795 | 723 | 5,518 |
| May | 4,782 | 733 | 5,515 | 4,800 | 716 | 5,516 |
| June | 4,745 | 720 | 5,465 | 4,763 | 731 | 5,494 |
| July | 3,947 | 574 | 4,521 | 4,752 | 715 | 5,467 |
| August | 3,879 | 581 | 4,460 | 4,733 | 694 | 5,427 |
| September | 2,977 | 503 | 3,480 | 4,781 | 694 | 5,475 |
| October | 4,261 | 646 | 4,907 | 4,905 | 705 | 5,610 |
| November | 4,474 | 673 | 5,147 | 4,959 | 704 | 5,663 |
| December | 4,485 | 662 | 5,147 | 4,963 | 699 | 5,662 |
| AVERAGE | 4,368 | 660 | 5,028 | 4,807 | 711 | 5,518 |

Table 6 - FUEL AND ELECTRICITY USED, 1946 and 1947

| Kind | Unit of measure | 1946 | | 1947 | |
|---|-----------------|------------|---------------------|------------|---------------------|
| | | Quantity | Cost at works \$ | Quantity | Cost at works \$ |
| Bituminous coal--Canadian ... | ton | 12,171 | 103,056 | 13,402 | 117,111 |
| Imported ... | ton | 22,638 | 200,308 | 22,487 | 207,384 |
| Sub-bituminous coal (from Alberta mines only) | ton | 290 | 3,000 | 3,273 | 30,678 |
| Anthracite coal | ton | 212 | 3,194 | 180 | 2,989 |
| Coke | ton | 187 | 2,095 | 193 | 2,356 |
| Gasoline | Imp.gal. | 47,472 | 14,345 | 57,931 | 17,642 |
| Kerosene | Imp.gal. | 1,294 | 258 | 1,385 | 289 |
| Fuel oil | Imp.gal. | 188,047 | 19,345 | 363,108 | 40,350 |
| Wood | cord | 368 | 1,999 | 485 | 2,588 |
| Gas--Manufactured (*) | M cu.ft. | 508,610 | 151,924 | 582,164 | 188,526 |
| Natural | M cu.ft. | 9,927 | 6,256 | 5,571 | 3,419 |
| Other fuel | ... | ... | 1,358 | ... | 122 |
| Electricity purchased | K.W.H. | 39,698,960 | 386,848 | 51,652,900 | 404,600 |
| TOTAL | ... | ... | 893,986 | ... | 1,018,054 |

(*) Includes some gas delivered to the wire mills from the companies' own coke ovens.

Table 7 - POWER EQUIPMENT, 1946 and 1947

| | Ordinarily in Use | | In Reserve or Idle | |
|--|-------------------|-------------------------|--------------------|-------------------------|
| | Number of units | Total rated horse power | Number of units | Total rated horse power |
| 1946 | | | | |
| Gasoline, gas and oil engines | 7 | 111 | 1 | 6 |
| Electric motors run by purchased power.. | 3,198 | 24,214 | 150 | 1,231 |
| TOTAL | 3,205 | 24,325 | 151 | 1,237 |
| Electric motors run by primary power (*) | 52 | 1,980 | ... | ... |
| Stationary power boilers | 16 | 2,243 | 3 | 420 |
| Motor-generator sets | 35 | 5,829 | ... | ... |
| 1947 | | | | |
| Diesel engines | 1 | 21 | ... | ... |
| Gasoline, gas and oil engines | 9 | 126 | 1 | 6 |
| Electric motors run by purchased power.. | 4,068 | 33,225 | 241 | 2,385 |
| TOTAL | 4,078 | 33,372 | 242 | 2,391 |
| Electric motors run by primary power (*) | 50 | 1,550 | ... | ... |
| Stationary power boilers | 16 | 2,688 | 1 | 135 |
| Motor-generator sets | 52 | 8,287 k.v.a. | 2 | 345 k.v.a. |

(*) Some of these motors were operated by primary power generated in connection with other phases of the companies' operations. The primary power is recorded in the bulletin covering the phase of operations concerned, but the motors used in connection with the wire drawing operations are shown here.

Table 8 - MATERIALS USED IN MANUFACTURING, 1947

Table 8 - MATERIALS USED IN MANUFACTURING, 1947

| Material | Unit of measure | Materials made in producers' own works | Purchased Materials | |
|---|-----------------|--|---------------------|---------------|
| | | | Quantity | Cost at works |
| | | | \$ | |
| Iron and steel - | | | | |
| Bars | Net ton | 4,366 | 875 | 73,127 |
| Wire rods | Net ton | 177,472 | 91,395 | 4,868,748 |
| Wire--Plain | Net ton | 45,562 | 29,606 | 3,661,556 |
| Galvanized | Net ton | 15,428 | 20,615 | 2,812,643 |
| Sheets | Net ton | 1,560 | 1,598 | 165,249 |
| Strips | Net ton | 102 | 4,198 | 418,568 |
| Pipe and tubing | Net ton | ... | ... | 71,140 |
| Nail plate | lb. | 1,370,068 | 496,665 | 34,511 |
| Tack plate | lb. | 3,196,104 | 2,814,140 | 142,403 |
| Other iron and steel | ... | ... | ... | 201,455 |
| Other metals - | | | | |
| Aluminum rods, wire, etc. | lb. | ... | 278,488 | 60,613 |
| Copper bars, rods, sheets, etc. ... | lb. | ... | 1,359,914 | 283,907 |
| Brass and bronze rods, sheets, etc. ... | lb. | ... | 2,556,554 | 656,004 |
| Lead | lb. | ... | 803,763 | 95,228 |
| Tin | lb. | ... | 13,476 | 9,016 |
| Zinc (spelter) | lb. | ... | 7,685,717 | 778,203 |
| All other metals | ... | ... | ... | 708,399 |
| Other materials - | | | | |
| Acid, muriatic, 20° Be | lb. | ... | 2,093,866 | 29,636 |
| Acid, sulphuric, 66° Be | lb. | ... | 15,523,523 | 143,834 |
| Shipping containers | ... | ... | ... | 937,970 |
| All other materials | ... | ... | ... | 2,126,715 |
| TOTAL | ... | ... | ... | 18,278,925 |

Table 9 - PRODUCTS MANUFACTURED, 1947

Note: Data given in this table are for the Wire and Wire Goods Industry, which includes only the concerns engaged chiefly in drawing iron and steel wire or in fabricating products from wire of iron or steel. Figures for the individual items do not necessarily represent the total output for Canada as there may also have been an output by concerns classified to other industrial groups. See Tables 10-14 for total production in Canada of certain specified items.

| Product | Unit of measure | Quantity made | Quantity sold | Income from sales |
|---|-----------------|---------------|---------------|-------------------|
| \$ | | | | |
| SECTION "A" - WIRES | | | | |
| (Total production, whether for sale or for further manufacture) | | | | |
| Iron and steel wires - | | | | |
| Plain wire | Net ton | 238,301 | 56,482 | 5,417,045 |
| Galvanized wire | Net ton | 65,205 | 26,631 | 3,017,452 |
| Other coated wire | Net ton | 2,166 | 1,800 | 246,223 |
| Barbed wire | Net ton | 10,585 | 10,382 | 1,106,127 |
| Other wire, including annealed | Net ton | 2,557 | 1,073 | 97,013 |
| Cold rolled flat wire of all sizes, qualities and finishes, including nut steel | Net ton | 1,703 | 1,048 | 192,309 |
| Welding rods or welding wire - | | | | |
| Extruded or bare, ready for welding purposes. In coils for sale for fabrication into extruded welding rods or bare wire, straightened and cut | Net ton | 7,738 | 6,702 | 809,386 |
| Wire bale ties | Net ton | 6,596 | 3,315 | 424,014 |
| | Net ton | 6,503 | 6,330 | 734,825 |

Table 9 - PRODUCTS MANUFACTURED, 1947 (Concluded)

| Product | Unit of measure | Quantity made | Quantity sold | Income from sales |
|---|-----------------|---------------|---------------|-------------------|
| | | | | \$ |
| SECTION "B" - NAILS, STAPLES AND TACKS | | | | |
| Wire nails, iron and steel (all wire nails, including shoe rivets and other small sizes of wire nails) | kegs | 1,548,283 | 1,523,862 | 7,446,036 |
| Cut nails, iron and steel (all cut nails, and spikes cut from plate, including special large head cut shingle nails, but not including clout nails nor other small nails commonly classed as tacks) | kegs | 18,669 | 17,819 | 143,879 |
| Wire staples, iron and steel, of all kinds | kegs | 40,730 | 40,105 | 223,433 |
| Tacks, all kinds (all cut and wire tacks, including hob nails, clout nails, trunk nails and other small cut nails, but not cut shingle nails) | lb. | 4,834,380 | 3,904,116 | 838,647 |
| Miscellaneous, including thumb tacks, upholstery nails, brass and copper nails, aluminum nails and staples for paper stitching | ... | ... | ... | 1,452,521 |
| SECTION "C" - WIRE FENCING AND WIRE NETTING | | | | |
| Woven wire farm fence | tons | 24,297 | 22,675 | 2,542,568 |
| Woven wire chain link fabric (including tonnage for industrial fences) | tons | 1,766 | 1,646 | 298,464 |
| Steel fence posts and railing | tons | 4,607 | 4,707 | 398,207 |
| Gates | No. | 19,898 | 17,230 | 201,385 |
| Snow fence | ... | ... | ... | 373,409 |
| Welded or woven wire mesh, steel, for concrete reinforcement, or purposes other than fencing | tons | 5,760 | 5,511 | 867,272 |
| Wire cloth of iron or steel, including screen cloth | ... | ... | ... | 2,483,180 |
| Miscellaneous fencing and netting | tons | ... | ... | 284,054 |
| SECTION "D" - WIRE GOODS | | | | |
| Steel wire rope or cable | tons | 15,688 | 15,640 | 7,463,053 |
| Twisted strand wire (including galvanized guy wire, wire clothes lines, twisted bed strand) | tons | 2,186 | 2,160 | 480,464 |
| Steel hoops, wire and other, for casks, barrels or kegs | M | 9,258 | 5,518 | 146,398 |
| Steel wire upholstering springs and constructions | ... | ... | ... | 3,582,162 |
| Other steel wire springs (except bed springs).. | ... | ... | ... | 2,308,862 |
| Miscellaneous wire goods (including wire lacing, hair pins, tire braids, wire paper clips, wire guards, etc.) | ... | ... | ... | 4,394,496 |
| SECTION "E" - PRODUCTS OTHER THAN WIRE AND WIRE GOODS | | | | |
| Bolts and nuts, horseshoe calks, screws, perforated metals, etc. | ... | ... | ... | 6,626,333 |
| Amount received for repair work | ... | ... | ... | 19,585 |
| TOTAL | ... | ... | ... | 54,563,614 |

Table 10 - TOTAL PRODUCTION IN CANADA AND FACTORY SALES OF STEEL WIRE, 1944-1947

| | | Plain wire | Galvanized wire | Barbed wire | Other wire, including other coated and annealed | |
|--------|-------------------------|---------------|--------------------|----------------|--|---------|
| Year | | | | | | |
| 1944 - | Quantity made | tons | 200,203 | 57,007 | 12,556 | 1,650 |
| | Quantity sold | tons | 51,573 | 22,056 | 12,471 | 1,556 |
| | Income from sales | \$ | 4,432,405 | 2,183,545 | 1,056,379 | 139,509 |
| 1945 - | Quantity made | tons | 214,475 | 60,246 | 11,680 | 2,789 |
| | Quantity sold | tons | 56,070 | 23,711 | 11,476 | 2,131 |
| | Income from sales | \$ | 4,605,066 | 2,322,294 | 975,166 | 218,387 |
| 1946 - | Quantity made | tons | 184,392 | 49,325 | 8,895 | 2,563 |
| | Quantity sold | tons | 47,792 | 20,056 | 8,968 | 2,334 |
| | Income from sales | \$ | 4,344,673 | 2,011,727 | 850,512 | 226,878 |
| 1947 - | Quantity made | tons | 238,301 | 65,205 | 10,585 | 4,723 |
| | Quantity sold | tons | 56,482 | 26,631 | 10,382 | 2,873 |
| | Income from sales | \$ | 5,417,045 | 3,017,452 | 1,106,127 | 343,236 |

NOTE: Figures on quantity made include the amounts made and used in subsequent processes in the same plants, such as the manufacture of nails, galvanized wire, etc.

Table 11 - TOTAL PRODUCTION IN CANADA AND FACTORY SALES OF WIRE FENCING, 1944-1947

| Year | Quantity made (net tons) | Quantity sold | Income from sales |
|-------------------------|-----------------------------|---------------|-------------------|
| | | | \$ |
| 1944 - | | | |
| Farm fence | 21,652 | 20,620 | 1,885,273 |
| Chain link fabric | 1,048 | 1,030 | 181,192 |
| TOTAL | 22,700 | 21,650 | 2,066,465 |
| 1945 - | | | |
| Farm fence | 23,424 | 22,839 | 2,092,807 |
| Chain link fabric | 1,206 | 1,234 | 194,260 |
| TOTAL | 24,630 | 24,073 | 2,287,067 |
| 1946 - | | | |
| Farm fence | 17,876 | 20,277 | 1,992,011 |
| Chain link fabric | 1,695 | 1,616 | 286,046 |
| TOTAL | 19,571 | 21,893 | 2,278,057 |
| 1947 - | | | |
| Farm fence | 24,297 | 22,675 | 2,542,568 |
| Chain link fabric | 1,766 | 1,646 | 298,464 |
| TOTAL | 26,063 | 24,321 | 2,841,032 |

Table 12 - TOTAL PRODUCTION IN CANADA AND FACTORY SALES OF NAILS, TACKS AND STAPLES, 1944-1947

| Year | Iron and steel wire staples kegs | Iron and steel wire nails and spikes kegs | Wire and cut tacks of all kinds \$ | Iron and steel cut nails kegs |
|----------------------|-------------------------------------|--|---------------------------------------|----------------------------------|
| 1944 - | | | | |
| Quantity made | 46,173 | 1,298,456 | 4,062,431 | 19,180 |
| Quantity sold | 45,082 | 1,335,194 | 3,980,544 | 17,663 |
| Value of sales | \$ 193,075 | 5,250,604 | 551,350 | 134,492 |
| 1945 - | | | | |
| Quantity made | 40,600 | 1,399,595 | 4,265,821 | 15,644 |
| Quantity sold | 43,457 | 1,399,355 | 4,311,052 | 17,212 |
| Value of sales | \$ 200,863 | 5,512,718 | 611,088 | 136,224 |
| 1946 - | | | | |
| Quantity made | 32,673 | 1,176,656 | 5,009,389 | 18,720 |
| Quantity sold | 33,607 | 1,210,754 | 5,122,004 | 19,549 |
| Value of sales | \$ 174,222 | 5,338,431 | 693,349 | 157,710 |
| 1947 - | | | | |
| Quantity made | 40,730 | 1,548,283 | 4,834,380 | 18,699 |
| Quantity sold | 40,105 | 1,523,862 | 3,904,116 | 17,819 |
| Value of sales | \$ 223,433 | 7,446,036 | 838,647 | 143,879 |

Note: 1 keg--100 pounds.

Table 13 - TOTAL PRODUCTION IN CANADA AND FACTORY SALES OF STEEL WIRE ROPE AND CABLE, 1938-1947
(From All Industries)

| Year | Wire Rope and Cable | | | Twisted Strand Wire | | | Total Value of Sales |
|------------|---------------------|------------------|-------------------------|---------------------|------------------|-------------------------|-------------------------|
| | Quantity made | Quantity sold | Income from sales | Quantity made | Quantity sold | Income from sales | |
| | Tons | Tons | \$ | Tons | Tons | \$ | |
| 1938 | Not available | | 2,567,931 | Not available | | 139,263 | 2,707,194 |
| 1939 | | | 3,045,417 | | | 207,905 | 3,253,322 |
| 1940 | 12,916 | 12,779 | 5,132,285 | 2,407 | 1,569 | 346,804 | 5,479,089 |
| 1941 | 17,075 | 17,818 | 6,806,336 | 2,610 | 2,652 | 583,495 | 7,389,831 |
| 1942 | 18,038 | 18,193 | 8,978,725 | 1,871 | 2,058 | 551,500 | 9,530,225 |
| 1943 | 18,360 | 18,341 | 8,964,101 | 1,505 | 1,527 | 356,279 | 9,320,380 |
| 1944 | 21,118 | 21,107 | 9,841,967 | 1,754 | 1,847 | 455,472 | 10,297,439 |
| 1945 | 20,466 | 20,148 | 9,346,047 | 2,472 | 2,408 | 561,239 | 9,907,286 |
| 1946 | 15,341 | 15,544 | 7,219,582 | 2,081 | 2,081 | 434,915 | 7,654,497 |
| 1947 | 18,288 | 18,240 | 8,699,785 | 2,186 | 2,160 | 480,464 | 9,180,249 |

Table 14 - TOTAL PRODUCTION IN CANADA AND FACTORY SALES OF STEEL BALE TIES, 1938-1947

| Year | Quantity made | Quantity sold | Income from sales | Year | Quantity made | Quantity sold | Income from sales |
|------------|------------------|------------------|----------------------|------------|------------------|------------------|----------------------|
| | Tons | Tons | \$ | | Tons | Tons | \$ |
| 1938 | 3,872 | 3,924 | 319,434 | 1943 | 4,332 | 4,411 | 398,785 |
| 1939 | 5,744 | 5,061 | 403,435 | 1944 | 4,857 | 4,901 | 450,353 |
| 1940 | 5,937 | 5,825 | 505,018 | 1945 | 5,232 | 5,311 | 497,661 |
| 1941 | 5,929 | 6,064 | 543,719 | 1946 | 5,196 | 5,099 | 519,405 |
| 1942 | 5,928 | 5,832 | 531,000 | 1947 | 6,503 | 6,330 | 734,825 |

DIRECTORY OF FIRMS IN THE WIRE AND WIRE GOODS INDUSTRY IN CANADA, 1947

Note: This is not intended to be a complete list of concerns which manufacture wire and wire goods in Canada, but is merely a list of the firms which the Bureau has classified to the Wire and Wire Goods Industry. This industry includes only plants that manufactured wire or wire goods of iron or steel as their chief products. Producers of copper wire and cable for electrical purposes have been classified to the Electrical Apparatus and Supplies Industry.

| Name of Firm | Location of Plant |
|--|-------------------------------------|
| <u>Nova Scotia -</u> | |
| Dominion Steel and Coal Corp. Ltd. (*) | Sydney |
| <u>New Brunswick -</u> | |
| New Brunswick Wire Fence Co. Ltd. | 402 Main St., Moncton |
| Dominion Steel and Coal Corp. Ltd. (*) | 320 Charlotte St., Saint John |
| (James Pender & Co. Ltd.) | |
| <u>Quebec -</u> | |
| Anglo-Canadian Wire Rope Co. Ltd. | Fairview Ave., Lachine |
| Artistic Wire Works | 8152 Drolet St., Montreal |
| Belanger, J. A. | Riviere Bleue |
| Bostitch-Canada Ltd. | Confederation Bldg., Montreal |
| Canadian Blank Book Company | 7275 St. Urbain St., Montreal |
| Canadian Staples Limited | 504 St. Lawrence Blvd., Montreal |
| Canadian Tube & Steel Products Limited (*) | 5900 St. Patrick St., Montreal |
| Cogan Metal Products Limited | 380 Dorchester St. W., Montreal |
| City Wire & Iron Products Co. | 1584 Laurier Ave. E., Montreal |
| Dominion Wire Rope and Cable Co. Limited | 175 St. Joseph St., Lachine |
| Foster, H. S., & Son Reg'd. | Granby |
| General Wire Works | 1315 St. Catherine St. E., Montreal |
| Gaylord Products of Canada Ltd. | 2035 St. Anne St., St. Hyacinthe |
| Maxwell Manufacturing Co. | 1950 Rosemount Blvd., Montreal |

DIRECTORY OF FIRMS IN THE WIRE AND WIRE GOODS INDUSTRY IN CANADA, 1947
(Continued)

| Name of Firm | Location of Plant |
|---|----------------------------------|
| <u>Quebec (Concluded) -</u> | |
| New York Wire Works Ltd. | 4375 Iberville St., Montreal |
| Pennsylvania Co. of Canada | 1361 Notre Dame St. E., Montreal |
| Perfect Dryers Ltd. | 6651 Des Ecores St., Montreal |
| Renmarc Wire Products Reg'd. | 2166 Lartigue St., Montreal |
| Steel Company of Canada, Ltd. (*) | 2320 Notre Dame St. W., Montreal |
| Steel Company of Canada, Ltd. (*) | 75 St. Joseph St., Lachine |
| Steel Heddle Co. of Canada, Limited | 6259 Notre Dame St. E., Montreal |
| United Shoe Machinery Co. of Canada, Ltd. | 2610 Bennett Ave., Montreal |
| <u>Ontario -</u> | |
| Alton Machine Company | 911 St. Clarens Ave., Toronto |
| Andrews Wire Works of Canada Ltd. | Watford |
| Artcraft Shoppe | 60 Colborne St., Toronto |
| Argos Mfg. Co. | Stoney Creek |
| Atlas Spring & Cushion Co. | 6 Lisgar St., Toronto |
| Barret Bob Pin Co. Ltd. | 255 Davenport Road, Toronto |
| Brown Wire Specialty Co. | 16 George St., Hamilton |
| Bull Dog Lacer Company Canada, Limited | 14 Ferguson Ave., Hamilton |
| Canada Tack and Nail Company | Morrisburg |
| Canadian Spring Co. | 2784 Dundas St. W., Toronto |
| Canadian Steel Corporation Ltd. (*) | Ojibway |
| Canadian Wire Specialties | 905 Bathurst St., Toronto |
| City Wire Works Co. | 1082 Queen St. W., Toronto |
| Denning-Canadian Fence Company | Perth |
| Dominion Tack & Nail Company Limited | 431 Dundas St., Galt |
| Donald Ropes & Wire Cloth Limited | 180 King William St., Hamilton |
| Ferrier Wire Goods Company | 22 Mulock Ave., Toronto |
| Florists' Wire Works | 364 Broadview Ave., Toronto |
| Frost Steel & Wire Company Limited (*) | 250 Lottridge St. N., Hamilton |
| Garden City Wire Works Co. | Pelham Road, St. Catharines |
| General Spring Products Ltd. | 65 Halls Lane, Kitchener |
| Gerrard Company Ltd. | 390 King St. E., Hamilton |
| Graham Nail & Wire Products, Limited (*) | 35 Fraser Ave., Toronto |
| Greening, B., Wire Co. Ltd. (*) | 55 Queen St., Hamilton |
| Hamilton Wire Products Limited | 304 Gage Ave., Hamilton |
| Hollup Corporation Limited | 107 Atlantic Ave., Toronto |
| Hopkins Co., John | 298 Markham St., Toronto |
| Hosiery Stretcher Mfg. Co. | 103 Catherine St. S., Hamilton |
| Imperial Wire Specialty | 1242 Bloor St. W., Toronto |
| Independent Nail Co. Ltd. | 180 Beverly St., Galt |
| Isard Le Fevre Mfg. Co. Ltd. | 500 King St. W., Toronto |
| K. and S. Wire Designs | 45 Ottawa St. N., Hamilton |
| Keenan Fence Company | Third Ave. E., Owen Sound |
| Kitchener Spring Co. Limited | 34 Bridgeport Rd., Waterloo |
| Laidlaw Bale Tie & Wire Company Limited (*) | Birmingham St., Hamilton |
| Lucas, Charles, Co. | 187 Duchess St., Toronto |
| Lundy Steel Products, Limited | Dunnville |
| Marshall Specialty Co. Ltd. | 1417 Dundas St. W., Toronto |
| National Standard Company Canada Ltd. | 133 Woolwich St., Guelph |
| New Automatic Screens Ltd. | Oshawa |
| No-Sag Spring Company Limited | 445 Nightingale Ave., London |
| Ontario Wire Products Co. | Stoney Creek |
| Pritchard, E. W., and Sons | 99 Torrens Ave., Todmorden |
| Regal Spring Co. | 68 Claremont St., Toronto |
| Rice, Henry E. | 500 Wellington St. W., Toronto |
| Robertson, P. L., Mfg. Co. Ltd. | Bronte St., Milton |
| Servos & Bateman | 46 Kelly St., Hamilton |
| Steel Company of Canada Limited (*) | 334 Wellington St. N., Hamilton |
| Steele Brothers Ltd. | 47 Johnston St., Guelph |
| Steele's Wire Springs Limited | 33 Baker St., Guelph |
| Superior Wire Works | 1216 Dundas St. W., Toronto |

DIRECTORY OF FIRMS IN THE WIRE AND WIRE GOODS INDUSTRY IN CANADA, 1947
(Concluded)

| Name of Firm | Location of Plant |
|--|----------------------------------|
| <u>Ontario (Concluded) -</u> | |
| Toronto Wire Works Co. | 978 Queen St. W., Toronto |
| Tyler, W. S., Co. of Canada, Ltd. | Kensington Place, St. Catharines |
| Universal Wire & Iron Works | 401 Glengrove Ave. W., Toronto |
| Wallace Barnes Company Limited | 274 Sherman Ave. N., Hamilton |
| Waterloo Spring Co. Ltd. | 102 Breithaupt St., Kitchener |
| Young, L. A., Industries of Canada, Ltd. | 1441 McDougall Ave., Windsor |
| <u>Manitoba -</u> | |
| Nolin-Hunter Mfg. Co. | 376 Bertrand St., St. Boniface |
| Phoenix Mfg. Co. Ltd. | 674 Tache St., St. Boniface |
| <u>Alberta -</u> | |
| Alberta Wire Works | 10846 95th St., Edmonton |
| <u>British Columbia -</u> | |
| Abel Mfg. Co. | 600 West 6th Ave., Vancouver |
| Beaulne, Hector and Real Boulianne | 1028 W. 73rd Ave., Vancouver |
| B. C. Anchor Fence Co. Ltd. | 1031 Pender St. W., Vancouver |
| British Ropes Canadian Factory Limited | Granville Island, Vancouver |
| Clifford Wire Works | 1217 Wharf St., Victoria |
| Cory, W. C. | Ladner |
| Industrial Wire & Iron Works | 138 E. Fourth Ave., Vancouver |
| Johnson Co. | 247 W. 18th Ave., Vancouver |
| Morrison Steel & Wire Co. Ltd. (*) | Granville Island, Vancouver |
| Pacific Wire Company | 1362 Franklin St., Vancouver |
| Simplex Wire Supplies | 842 Powell St., Vancouver |
| Wright's Canadian Ropes Limited | Granville Island, Vancouver |
| (*) Wire-drawing plants. | |



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