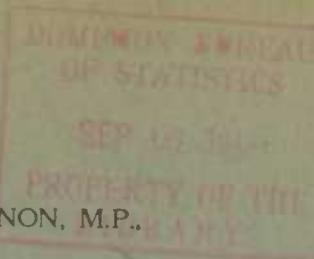


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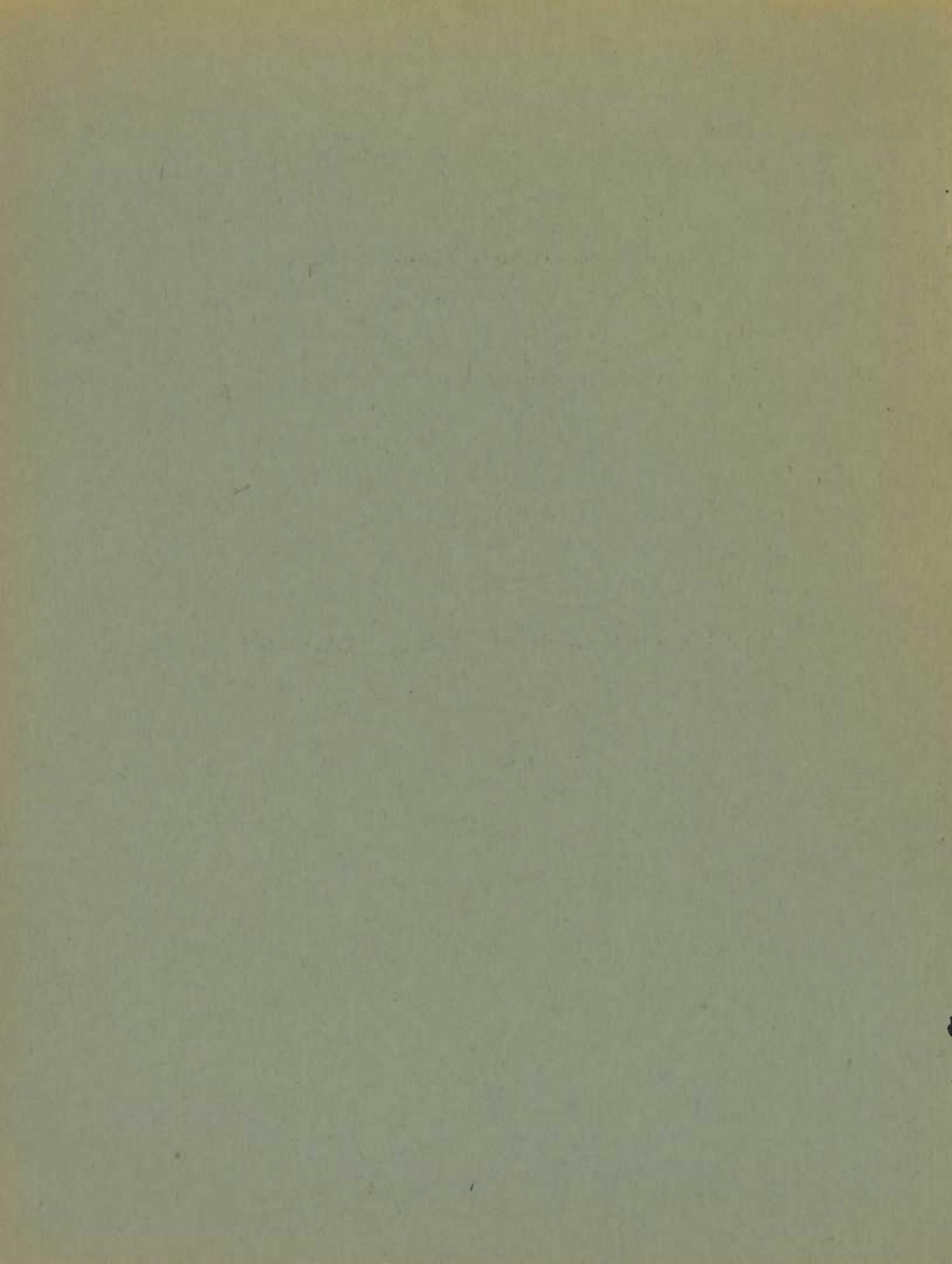
CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

REPORT
ON THE
MUSICAL INSTRUMENT INDUSTRY
IN
CANADA
1940



OTTAWA
1941

Price 15 cents



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

Dominion Statistician:
Chief, General Manufactures Branch:

R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
A. Cohen, B.Com.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1940.

The report on the musical instrument industry for the year 1940 is presented herewith. This report includes statistics relating to the production of musical instruments of every description, all materials and parts of same, phonographs and accessories, such as records, cabinets, etc.

Reports were received from seventeen establishments which were located as follows:- Quebec, five; Ontario, eleven; and British Columbia, one. These factories represented a total capital investment in fixed and current assets of \$3,190,786. The number of persons employed totalled 583 with a payroll amounting to \$613,869. The cost of materials used was \$421,235, the value of production \$1,221,091, and the value added by manufacture \$758,529.

The output of the musical instruments industry, which declined steadily during the depression years, showed a marked improvement since 1937. The number of pianos manufactured and in process of manufacture in 1940 totalled 3,457, valued at \$543,857, as compared with 3,092 pianos valued at \$469,598, in the previous year, an increase of nearly 12 per cent in the number of instruments. The gross value of products made also increased over 14 per cent from \$1,068,048 in 1939 to \$1,221,091 in 1940. Increases were also reported in the number of employees, salaries and wages paid, cost of materials and value added by manufacture. The main products of this industry, viz., the radios and phonographs, are now produced in the electrical apparatus industry. The output of these manufactures, however, cannot be credited to this industry in view of the fact that electrical apparatus and not radios and phonographs form their main products. To get the total output of radios and phonographs, it is necessary to add the production in the following industries.

Electrical apparatus and supplies.
Furniture.

The number of employees rose from 545 persons the previous year to 583 in 1940 while the remuneration increased from \$527,345 to \$613,869. This represents an increase of 7 per cent in the number employed, and an increase of over 16 per cent in salaries and wages paid.

Imports of musical instruments and parts in 1940 were valued at \$1,075,746 as compared with \$1,037,839 in 1939 while exports amounted to \$105,431 in 1940 and \$40,690 in 1939.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1940.

The tables that follow give detailed statistics of production, employment, materials used, capital invested, imports, exports, etc.

Table 1. - Principal Statistics of the Musical Instrument Industry Compared, 1926 to 1940.

| Year and Provinces | Establishments No. | Capital Invested \$ | Employees No. | Salaries and Wages \$ | Cost of Materials Used \$ | Gross Value of Production \$ |
|--------------------------------|-----------------------|------------------------|------------------|--------------------------|------------------------------|---------------------------------|
| 1926 | 45 | 13,653,107 | 3,185 | 3,751,639 | 4,510,560 | 10,373,293 |
| 1927 | 47 | 15,415,158 | 3,201 | 3,789,840 | 5,710,793 | 11,756,474 |
| 1928 | 42 | 14,050,702 | 2,983 | 3,516,852 | 5,083,766 | 12,282,589 |
| 1929 | 42 | 14,401,537 | 2,734 | 3,339,806 | 6,802,758 | 13,505,238 |
| 1930 | 32 | 9,076,086 | 1,728 | 2,114,827 | 4,388,816 | 8,250,887 |
| 1931 | 30 | 7,872,977 | 1,556 | 1,807,846 | 2,805,941 | 5,496,471 |
| 1932 | 20 | 5,107,534 | 1,080 | 993,941 | 1,141,198 | 2,561,125 |
| 1933 | 18 | 4,758,053 | 784 | 708,550 | 781,151 | 1,615,760 |
| 1934 | 19 | 4,608,820 | 978 | 923,247 | 1,364,564 | 2,717,865 |
| 1935 | 15 | 2,451,673 | 329 | 286,375 | 174,797 | 535,668 |
| 1936 | 19 | 2,203,805 | 434 | 379,229 | 253,862 | 750,916 |
| 1937 | 17 | 2,405,317 | 579 | 545,665 | 452,536 | 1,211,288 |
| 1938 | 18 | 2,280,822 | 574 | 509,640 | 426,323 | 1,085,861 |
| <u>1939</u> | | | | | | |
| CANADA | 17 | 3,295,334 | 545 | 527,345 | 376,615 | 1,068,048 |
| Quebec | 5 | 2,211,586 | 263 | 276,684 | 151,416 | 548,950 |
| Ontario and British Columbia. | 12 | 1,083,748 | 282 | 250,661 | 225,199 | 519,098 |
| <u>1940</u> | | | | | | |
| CANADA | 17 | 3,190,786 | 583 | 613,869 | 421,235 | 1,221,091 |
| Quebec | 5 | 2,166,015 | 308 | 329,697 | 174,450 | 602,514 |
| Ontario and British Columbia . | 12 | 1,024,771 | 275 | 284,172 | 246,785 | 618,577 |

The decrease in the principal statistics since 1935 is due to the transfer of a large firm manufacturing radios and phonographs to the electrical apparatus industry.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1940.

Table 2. - Comparison of Principal Statistics, 1939 and 1940.

| Items | 1939 | 1940 | + Increase - Decrease |
|---|-----------|-----------|--------------------------|
| Establishments reporting No. | 17 | 17 | - |
| Capital invested \$ | 3,295,334 | 3,190,786 | - 104,548 |
| Employees on salaries - | | | |
| Male No. | 88 | 83 | - 5 |
| Female No. | 21 | 22 | + 1 |
| Total salaries \$ | 164,514 | 168,917 | + 4,403 |
| Employees on wages - | | | |
| Male No. | 424 | 464 | + 40 |
| Female No. | 12 | 14 | + 2 |
| Total wages \$ | 362,831 | 444,952 | + 82,121 |
| Power installed - | | | |
| United No. | 151 | 164 | + 13 |
| Horsepower capacity H.P. | 1,421 | 1,446 | + 25 |
| Cost of fuel and electricity ... \$ | 38,455 | 41,327 | + 2,872 |
| Cost of materials used \$ | 376,615 | 421,235 | + 44,620 |
| Gross value of production \$ | 1,068,048 | 1,221,091 | + 153,043 |
| Value added by manufacture ^x \$ | 652,978 | 758,529 | + 105,551 |

x Gross value of production less cost of materials, fuel and electricity.

NOTE - Profits or losses cannot be estimated from Census figures, as no data are collected for certain expense items such as interest, rent, depreciation, taxes, insurance, advertising, etc.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1940.

Table 3. - Principal Statistics of the Musical Instrument Industry in Canada for 1939 and 1940. Grouped According to the Size of Establishment.

| Establishments having a production of - | Estab- lish- ments | Capital Invested | Em- ployees | Salaries and Wages | Cost of Materials Used | Gross Value of Productioh |
|--|--------------------------|---------------------|----------------|-----------------------|------------------------------|---------------------------------|
| | | | | | | No. \$ |
| <u>1939</u> | | | | | | |
| Under \$5,000 | 3 | 7,789 | 7 | 4,875 | 1,151 | 6,503 |
| \$5,000 to \$25,000 | 4 | (163,092 | 66 | 67,528 | 44,121 | 122,238 |
| \$25,000 to \$50,000 | 2 | (| | | | |
| \$50,000 to \$100,000 | 3 | 425,536 | 120 | 90,800 | 78,578 | 225,837 |
| \$100,000 to \$500,000 | 5 | 2,698,867 | 352 | 264,142 | 252,765 | 703,374 |
| \$500,000 to \$1,000,000 | - | - | - | - | - | - |
| \$1,000,000 and over | - | - | - | - | - | - |
| TOTAL | 17 | 3,295,334 | 545 | 527,345 | 376,615 | 1,068,048 |
| <u>1940</u> | | | | | | |
| Under \$5,000 | 3 | 14,840 | 8 | 5,000 | 2,194 | 9,736 |
| \$5,000 to \$25,000 | 4 | (330,979 | 130 | 114,785 | 116,298 | 269,499 |
| \$25,000 to \$50,000 | 2 | (| | | | |
| \$50,000 to \$100,000 | 2 | | | | | |
| \$100,000 to \$500,000 | 6 | 2,784,967 | 445 | 494,006 | 302,743 | 941,856 |
| \$500,000 to \$1,000,000 | - | - | - | - | - | - |
| \$1,000,000 and over | - | - | - | - | - | - |
| TOTAL | 17 | 3,190,786 | 583 | 613,869 | 421,235 | 1,221,091 |

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1940.

Table 4. - Production in the Musical Instrument Industry in Canada, 1939 and 1940.

| Principal Products | CANADA, 1939 | | CANADA, 1940 | |
|--|-----------------|-------------|-----------------|-------------|
| | Quantity No. | Value \$ | Quantity No. | Value \$ |
| Pianos - | | | | |
| Upright | 2,360 | 384,359 | 2,804 | 472,693 |
| Grand | 110 | 49,770 | 105 | 43,452 |
| All other pianos | 2 | 300 | - | - |
| Pianos in process of manufacture | 620 | 35,189 | 548 | 27,712 |
| Organs - | | | | |
| Pipe | 48 | 182,983 | 47 | 214,107 |
| All other organs | 24 | 3,778 | 30 | 9,202 |
| All other musical instruments 1/ | - | 104,446 | - | 104,935 |
| All other products 2/ | - | 207,415 | - | 295,898 |
| Repair work | - | 93,828 | - | 53,032 |
| TOTAL VALUE OF PRODUCTION 3/ | - | 1,063,048 | - | 1,221,091 |

1/ Includes: gramophone and phonograph records, radio and phonograph combinations, radios complete, radio cabinets and radio parts and accessories.

2/ Includes: piano actions, player piano actions, hammers, organ and piano keys, strings, parts and accessories, stools and benches, etc.

3/ The above table includes only the statistics of those manufacturing establishments whose principal products are musical instruments. Statistics relating to specific products, such as radios, are not to be regarded as the total for Canada, as they are also produced in the "Electrical Apparatus" and "Furniture" industries.

Table 5. - Cost of Materials Used, 1939 and 1940.

| Principal Materials | CANADA, 1939 | | CANADA, 1940 | |
|--------------------------------------|--------------|-------------|--------------|-------------|
| | Value \$ | Value \$ | Value \$ | Value \$ |
| Lumber, all kinds | 48,566 | | 76,672 | |
| Veneer and plywood | 13,044 | | 13,508 | |
| Metal, metal parts | 12,103 | | 24,539 | |
| Electric motors (all kinds) | 3,571 | | 4,508 | |
| Piano wire | 6,974 | | 10,532 | |
| All other materials | 288,439 | | 283,121 | |
| Packing and shipping materials | 3,858 | | 3,265 | |
| TOTAL COST OF MATERIALS USED | 376,615 | | 421,235 | |

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1940.

Table 6. - Capital Invested by Classes, 1926 to 1940.

| Year and Provinces | Fixed Capital | Working Capital | | Total Capital |
|------------------------------|--|---|--|------------------|
| | Land, buildings, fixtures, machinery tools, etc. | Inventory value of materials on hand, stocks in process, finished products, fuel and miscel- laneous supplies on hand | Operating Capital (Cash, bills and accounts receivable Prepaid ex- penses, etc.) | |
| 1926 | \$ 5,317,989 | \$ 3,982,109 | \$ 4,353,009 | \$ 13,653,107 |
| 1927 | 5,876,012 | 3,335,257 | 5,603,889 | 15,415,158 |
| 1928 | 5,664,658 | 3,653,888 | 4,782,156 | 14,050,702 |
| 1929 | 5,632,709 | 3,334,866 | 4,783,362 | 14,401,537 |
| 1930 | 3,546,233 | 2,823,405 | 2,706,448 | 9,076,086 |
| 1931 | 3,544,804 | 2,019,841 | 2,308,332 | 7,872,977 |
| 1932 | 2,563,010 | 1,183,263 | 1,361,256 | 5,107,534 |
| 1933 | 2,492,033 | 1,135,406 | 1,130,614 | 4,758,053 |
| 1934 | 2,400,311 | 1,096,220 | 1,112,289 | 4,608,820 |
| 1935 | 1,372,924 | 594,511 | 484,238 | 2,451,673 |
| 1936 | 1,333,240 | 459,758 | 410,827 | 2,203,805 |
| 1937 | 1,346,094 | 601,993 | 457,230 | 2,405,317 |
| 1938 | 1,335,794 | 577,374 | 367,654 | 2,280,822 |
| <u>1939</u> | | | | |
| CANADA | 1,559,519 | 586,072 | 1,149,743 | 3,295,334 |
| Quebec | 837,374 | 301,334 | 1,072,878 | 2,211,536 |
| Ontario and British Columbia | 722,145 | 284,738 | 76,865 | 1,085,748 |
| <u>1940</u> | | | | |
| CANADA | 1,459,285 | 632,366 | 1,099,135 | 3,190,736 |
| Quebec | 776,010 | 355,353 | 1,034,652 | 2,166,015 |
| Ontario and British Columbia | 683,275 | 277,013 | 64,483 | 1,024,771 |

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1940.

Table 7. - Employees by Sex and Remuneration, 1939 and 1940.

| | | 1 9 3 9 | 1 9 4 0 |
|--------------------------------|-----|---------|---------|
| Salaried Employees - | | | |
| Total | No. | 103 | 105 |
| Male | No. | 88 | 83 |
| Female | No. | 21 | 22 |
| Total salaries | \$ | 164,514 | 168,917 |
| Wage-earners - | | | |
| Monthly average | No. | 436 | 478 |
| Male | No. | 424 | 464 |
| Female | No. | 12 | 14 |
| Total wages | \$ | 362,831 | 444,952 |
| All Employees - | | | |
| Total | No. | 545 | 583 |
| Male | No. | 512 | 547 |
| Female | No. | 33 | 36 |
| Total salaries and wages | \$ | 527,345 | 613,869 |

Table 8. - Monthly Employment of Wage-earners, 1939 and 1940.

| Months | 1 9 3 9 | | | 1 9 4 0 | | |
|-----------------------|-------------|---------------|--------------|-------------|---------------|--------------|
| | Male No. | Female No. | Total No. | Male No. | Female No. | Total No. |
| January | 405 | 11 | 416 | 458 | 12 | 470 |
| February | 400 | 12 | 412 | 447 | 12 | 459 |
| March | 424 | 10 | 434 | 458 | 12 | 470 |
| April | 407 | 9 | 416 | 457 | 12 | 463 |
| May | 400 | 9 | 409 | 459 | 15 | 474 |
| June | 405 | 9 | 414 | 434 | 13 | 447 |
| July | 406 | 10 | 416 | 436 | 12 | 448 |
| August | 416 | 10 | 426 | 443 | 13 | 456 |
| September | 428 | 12 | 440 | 482 | 14 | 496 |
| October | 431 | 11 | 442 | 496 | 13 | 509 |
| November | 467 | 10 | 477 | 497 | 17 | 514 |
| December | 467 | 9 | 476 | 494 | 15 | 509 |
| MONTHLY AVERAGE | 424 | 12 | 436 | 464 | 14 | 478 |

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1940.

Table 9. - Average Weekly Earnings and Number of Wage-earners in the Month of Normal Employment, and Their Regular Hours of Work, 1939 and 1940.

| Number of Hours Worked per Week | 1939 | | 1940 | |
|---------------------------------|---------|---------|---------------------------------|---------|
| | Males | Females | Number of Hours Worked per Week | Males |
| 30 hours or less | 14 | 1 | 30 hours or less | 20 |
| 31-43 hours | 120 | 4 | 31-43 hours | 55 |
| 44 hours | 41 | 1 | 44 hours | 25 |
| 45-47 hours | 15 | 5 | 45-47 hours | 24 |
| 48 hours | 111 | 1 | 48 hours | 2 |
| 49-50 hours | 70 | - | 49-50 hours | 109 |
| 51-54 hours | 9 | - | 51-54 hours | 21 |
| 55 hours | 3 | - | 55 hours | 138 |
| 56-64 hours | 39 | - | 56-64 hours | 67 |
| 65 and over | 5 | - | 65 and over | 72 |
| Average hours per week | 45.4 | 41.2 | Average hours per week | 52.5 |
| Average weekly earnings | \$17.40 | \$11.08 | Average weekly earnings | \$19.70 |
| | | | | \$10.68 |

The above table does not include overtime.

Table 10. - Power Installation, 1939 and 1940.

| Classes of Power | 1939 | | 1940 | |
|---|-----------------|---|-----------------|---|
| | Number of Units | Manufacturers' Rating of Horse-power Capacity | Number of Units | Manufacturers' Rating of Horse-power Capacity |
| Steam engines and turbines | 7 | 755 | 7 | 755 |
| Electric motors operated by purchased power - | | | | |
| In use | 142 | 651 | 151 | 669 |
| Idle | 2 | 15 | 6 | 22 |
| TOTAL POWER USED IN MANUFACTURING | 151 | 1,421 | 164 | 1,446 |
| Boiler installation . | 11 | 860 | 11 | 905 |

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1940.

Table 10. - Consumption of Fuel and Electricity, 1939 and 1940.

| Kinds of Fuel | Unit of Measure | 1939 | | 1940 | |
|---|-----------------|----------|-----------------------|----------|-----------------------|
| | | Quantity | Cost Value at Factory | Quantity | Cost Value at Factory |
| | Ton | | \$ | | \$ |
| Bituminous coal | (2000 lbs.) | 4,048 | 27,184 | 3,930 | 28,313 |
| Anthracite coal | " | 204 | 1,245 | 334 | 2,597 |
| Coke | " | - | - | 8 | 92 |
| Gasoline | Imp. gal. | - | - | 1,000 | 210 |
| Wood | cord | - | - | - | - |
| Gas, manufactured and natural | M cu.ft. | 287 | 288 | 278 | 266 |
| TOTAL COST OF FUEL | - | - | 28,717 | - | 31,478 |
| Electricity purchased (including service charges) | Kw. H. | 523,014 | 9,738 | 595,273 | 9,849 |
| TOTAL COST OF FUEL AND ELECTRICITY | - | - | 38,455 | - | 41,327 |

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA , 1940.

Table 12. - Imports of Musical Instruments, Parts, Etc. 1939 and 1940.

| Articles Imported | 1 9 3 9 | | 1 9 4 0 | |
|---|-----------------|-------------|----------|-------------|
| | Quantity No. | Value \$ | Quantity | Value \$ |
| | | | No. | |
| Brass band instruments of a class or kind not made in Canada - bagpipes and complete parts thereof. | — | 78,791 | — | 131,726 |
| Brass band instruments, n.o.p. | — | 16,897 | — | 21,758 |
| Cabinet organs | 48 | 8,433 | 6 | 865 |
| Pipe organs | 4 | 2,884 | 1 | 899 |
| Parts of organs | — | 10,649 | — | 25,336 |
| Pianofortes | 274 | 64,258 | 167 | 50,802 |
| Pianos, parts of | — | 15,365 | — | 17,657 |
| Piano and organ parts (when imported by manufacturers of keys, actions, hammers, etc.) | — | 24,806 | — | 28,365 |
| Phonographs, gramophones and finished parts | — | 374,101 | — | 406,369 |
| Cylinders and records for phonographs, etc. | — | 135,606 | — | 135,022 |
| Other musical instruments, n.o.p. . | — | 246,049 | — | 136,947 |
| TOTAL VALUE OF IMPORTS | — | 1,037,839 | — | 1,075,746 |

Table 13. - Exports of Musical Instruments and Parts, 1939 and 1940.

| Articles Exported | 1 9 3 9 | | 1 9 4 0 | |
|---|-----------------|-------------|----------|-------------|
| | Quantity No. | Value \$ | Quantity | Value \$ |
| | | | No. | |
| Organs and parts | 42 | 12,489 | 65 | 730,079 |
| Pianos | 57 | 7,980 | 45 | 5,032 |
| Piano parts | — | 12,498 | — | 14,524 |
| Phonographs, gramophones and parts | — | 5,233 | — | 11,637 |
| All other musical instruments and parts, n.o.p. | — | 2,490 | — | 1,159 |
| TOTAL VALUE OF EXPORTS | — | 40,690 | — | 105,431 |

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1940.

APPENDIX

Manufacturers of Pianos, Organs and Other Musical Instruments in 1940.

QUEBEC

Casavant Frères Limitée,
O. Jacques, Organ Ltée,

A. Lessage, (Lessage Pianos),
Willis & Company Limited,

St. Hyacinthe.
1 St. Michel (Village La Providence)
St. Hyacinthe.
Ste. Thérèse de Blainville
Dubois Street, Ste. Thérèse de Blain-
ville. (H.O.-1220 St. Catherine
Street West, Montreal).

ONTARIO

Sherlock-Manning Pianos Limited,
Heintzman & Company Limited,

C. Franklin Legge Organ Co. Limited,
The Lyc Organ Company,
Mason & Risch Limited,
R. S. Williams & Son Company Limited,
Woodstock Pipe Organ Builders Limited,

East Street, Clinton.
56 Heintzman Avenue, Toronto
(H.O.-193 Yonge Street, Toronto).
918-920 Dufferin Street, Toronto.
276 Main Street, Toronto.
642 West King Street, Toronto.
431 King Street West, Toronto.
702-704 Dundas Street, Woodstock.

BRITISH COLUMBIA

W. F. Porter,

576 Seymour St., Vancouver

Manufacturers of Phonographs

QUEBEC

Compo Company Limited,

131-138 Avenue, Lachine.

Manufacturers of Musical Instrument Materials

ONTARIO

Sterling Action & Keys Limited,
D. M. Best & Company Limited,
W. Bohne Company Limited,
R. Leistner & Co.

39 Alice Street, Brantford.
642 King Street West, Toronto.
516 West Richmond Street, Toronto.
108 Maria Street, Toronto.

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