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## CANADA

DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS
++ Industry and Merchandising Division ++ +

## GENERAL MANUFACTURES SECTION

## REPORT

## ON THE

## MUSICAL INSTRUMENT INDUSTRY

## IN

## CANADA

1947

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| Uominion Statistician: | Herbert Marshall |
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| Director, Industry and Merchandising Division: | W. H. Losee |
| Chief, General Manufactures Section: | A. Cohen |

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1947.

The report on the musical instrument industry for the year 1947 is presented herewith. This report includes statistics relating to the production of musical instruments of every descrintion, all materials and parts of same, phonographs and accessories, such as records, cabinets, etc. The main products of this industry, viz, radios and phonographs, are mainly produced in the electrical apparatus industry. The output of these manufacturers, 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 out put of radios and phonographs, it is necessary to add the production in the electrical apparatus and furniture industries.

Reports were received in 1947 from twentyofive establishments which were located as follows: Quebec 7, Ontario 14, Manitoba I and British Columbia 3. To avoid disclosure of information concerning individual establishments, statistics for the provinces of Manitoba and British Colunbia have been combined. The number of persons employed totalled 1,085 with a payroll amounting to ${ }^{\text {W }} 1,831,264$ 。 The cost of materials used came to $\$ 1,441,455$, the gross value of production $\$ 4,389,665$ and the value added by manufacture $\$ 2,868,189$ 。

The output of the musical instruments industry, which declined steadily durirg the depression years, showed a marked improvement since 1937. The gross value of production in 1947 was 32 per cent higher than in the previous year, having risen from $\$ 3,324,363$ t, $0 \$ 4,389,665$. Increases were also reported in the number of employees, salaries and wages paid, cost of materials and value added by manufacture. The number of pienos manufactured and in process of manufacture in 1947 totalled 6,042 valued at $\frac{1}{\mathrm{C}} 1,556,293$ as compared with 4,602 planos valued at $\$ 1,015,050$ in the previous year,

The number of emplovees rose from 1,018 in 1946 to 1,085 in 1947, while the remuneration increased from $\$ 1,471,668$ to $\$ 1,831,264$. This represents an increase of about 7 per cent in the number employed and 24 per cent in the salaries and wages paid.

THE FUSICAL INSTRUMFNT INDUSTRY IN CANAUA, 1947.
The tables that follow give detailed statistics of production, employment materials used, capital invested, etc.

Table 1: - Principal Statistics of the Musical Instrument Industry Compared, 1933 to 1945 and by provinces 1946 and 1947

| Year and Provinces | Estab lishments | Capital <br> Invested | Enployees | Salaries and Wages | Cost or materials used | Gross Value of Production |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1933 | $\begin{aligned} & \text { No。 } \\ & 18 \end{aligned}$ | $4,758,053$ | $\begin{aligned} & \mathrm{NO} 0 \\ & 784 \end{aligned}$ | $708,550$ | $781,151$ | $1,615,760$ |
| 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 | 452,336 | 1,211,288 |
| 1938 | 18 | 2,280,822 | 574 | 509.640 | 426,323 | 1,085,961 |
| 1939 | 17 | 3,295,334 | 545 | 527,345 | 376,615 | 1,068,048 |
| 1940 | 17 | 3,190,786 | 583 | 613,869 | 421,235 | 1,221,091 |
| 1941 | 17 | 3,404,395 | 696 | 780,991 | 637,750 | 1,689,506 |
| 1942 | 22 | 3,402,074 | 739 | 906,074 | 506,810 | 1,939,154 |
| 1943. | 25 | 3,365,348 | 806 | 1,041,515 | 828,539 | 2,240,372 |
| 1944 | 23 | (1) | 765 | 1,023,308 | 765,218 | 2,236,317 |
| 1945 . | 25 | (1) | 836 | 1,142,927 | 816,604 | 2,520,332 |

## 1246

CANADA .... 25
(1) $\begin{array}{rrr}1,018 & 1,471,668 \\ 530 & 775,041 \\ 479 & 685,200 \\ & 9 & 11,427\end{array}$

| $1,095,670$ | $3,324,363$ |
| ---: | ---: |
| 517,622 | $1,0,00,557$ |
| 572,102 | $1,402,175$ |
| 5,946 | 21,631 |

## 1247

CANADA .... 25

| Quebec .......... | 7 |
| :--- | :--- | ---: |
| Ontario | 7 |
| Manitoba $\ldots \ldots .$. | 14 |
| British Columbia | 1 |

(1) | 1,085 | $1,831,264$ | $1,441,455$ | $4,389,665$ |  |
| ---: | ---: | ---: | ---: | ---: |
|  | 577 | 987,135 | 649,683 | $2,580,206$ |
| 502 | 833,854 | 787,462 | $1,793,649$ |  |
|  | 6 | 10,275 | 4,310 | 15,810 |

1. Information not collected.

THE MUSICAL INSTRUMENT INDUSTRY IN CANAUA， $1947^{\circ}$
Table 2．－Comparison of Principal Statistics， 1946 and 1947.

| Items |  | 1946 | 1947 | ＋Increase <br> －Decrease |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Establishments reporting ．．．．． | No． | 25 | 25 | ＋ |  |
| Employees on salaries－ |  |  |  |  |  |
| Male | No． | 103 | 125 | ＋ | 22 |
| Female | No． | 49 | 53 | ＋ | 4 |
| Total Salaries | \＄ | 316，582 | 410，325 | ＋ | 93，743 |
| Employees on wages－ |  |  |  |  |  |
| Male ．．．．．．．．．．．．．．．．．．．．． | No． | 798 | 836 | ＋ | 38 |
| Female | No． | 68 | 71 | ＋ |  |
| Total Wages | \＄ | 1，155，086 | 1，420，939 |  | 265，853 |
| Power installation－ |  |  |  |  |  |
| Units ．．．．．．．．．．．．．．．．．．． | No． | 300 | 372 | ＋ | 72 |
| Horsepower capacity ．．．．． | $\mathrm{H}, \mathrm{P}$ 。 | 1，624 | 1，514 | － | 110 |
| Cost of fuel and electricity ： | \＄ | 69，826 | 80，021 | ＋ | 10，195 |
| Cost of materials used ．．．．．．． | \＄ | 1，095，670 | 1；441；455 |  | 345，785 |
| Gross Value of production ．．．． | \＄ | 3，324，363 | 4，389，665 |  | 1，065，302 |
| Value added by manufacturex ．． | \＄ | 2，158，867 | 2，868，189 | ＋ | 709，322 |

$x$－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．

Table 3。－Principal Statistics of the Musical Instrument Industry in Canada For 1946 and 1947 Grouped According to the Size of Establishment．

|  | Establish－ ments | Employ－ ees | Salaries \＆Wages | Cost of Materials | Gross Value of Products |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 246 | No | No． | \＄ | ！ | \＄ |
| Under $\$ 5,000 \ldots . . .$. $\$ 5,000$ to $\$ 25,000$ | $\begin{aligned} & 3 \\ & 7 \end{aligned}$ | $\begin{array}{r} 4 \\ 29 \end{array}$ | $\begin{array}{r} 3,200 \\ 41,665 \end{array}$ | $\begin{array}{r} 2,618 \\ 30,598 \end{array}$ | $\begin{array}{r} 7,227 \\ 95,134 \end{array}$ |
| \＄25，000 to \＄50，000 $\ldots$ ．．． | 2 3 | 101 | 129，776 | 90，357 | 289，829 |
| $\$ 100,000$ to $\$ 500,000 \ldots$ $\$ 500,000$ to $\$ 1,000,000$ 。 | 9） | 884 | 1，297，027 | 972，097 | 2，932，173 |
| \＄1，000，000 and over ．．． | － | $\cdots$ | － | $\sim$ | － |
| TOTAL | 25 | 1，018 | 1，471，668 | 1，095，670 | 3，324，363 |
| 1947 |  |  |  |  |  |
| Under $\$ 5,000 \ldots \ldots$. <br> $\$ 5,000$ to $\$ 25,000$ | 2） | 52 | 65，200 | 51，387 | 136，465 |
| \＄25，000 to \＄50，000 $\cdots$ ： | 23 | 56 | 100，379 | 113，026 | 251，706 |
| \＄100，000 to \＄500，000 | 7 | 528 | 829，309 | 637．858 | 1，588，634 |
| $\$ 500,000$ to $\$ 1,000,000$ ． <br> \＄1，000，000 and over | $\begin{aligned} & 2 \\ & 1 \\ & \hline \end{aligned}$ | 449 | 836，376 | 639，184 | 2，412，860 |
| TOTAL ．．．．．0．o．． | 25 | 1，085 | 1，931，264 | 1，44，1，455 | 4，389，665 |

THE MUSICAL INSTRUMTNT TNDUSTRY IN CANADA, 1947.
Table 4, - Production in the Musical Instrument Industry in Canada, 1946 and 1947.

|  | Quantity | Value | Quantity | Value |
| :---: | :---: | :---: | :---: | :---: |
|  | No. | \$ | No. | \$ |
| Pianos - |  |  |  |  |
| Upright | 3,417 | 908,379 | 4,168 |  |
| Grand | 37 | 22,109 | 38 | 27,323 |
| Pianos in process of menufacture, | 1,148 | 84,562 | 1,159 | 182,013 |
| All other pianos ................ | 1,148 | , 5 | 677 | 86,071 |
| Organs - |  |  |  |  |
| Pipe ............................. | 51 |  | 59 |  |
| All other organs ............... | 723 | 127,793 | 277 | 244,079 |
| All other musical instruments (1). | - | 985,324 | - | 1,251,369 |
| All other products (2) ............ | - | 846,327 | - | 952,274 |
| Repair work ......................... | - | 117,938 | - | 88,848 |
| total value of production (3) | - | 3,324,363 | - | 4,389,665 |

(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, by Provinces, 1946 and 1247

| Table $5, ~=$ Cost of Materials Used, by provinces, 1946 and 1947 |
| :--- |
| Provinces |

## THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1247.

Table 6. - Capital Invested, by Classes, 1934 to 1943.

| Year and Provinces | Fixed Capital | Working Capital |  | TotalCapital |
| :---: | :---: | :---: | :---: | :---: |
|  | Land, buildings fixtures, machinery, tools, etc. | Inventory value of materials on hand, stocks in process, finished products fuel and miscellaneous supplies on hand | Operating Capital (Cash, bills and accounts receivable Prepaid expenses, etc.) |  |
|  | $\$$ | \$ | \$ | \$ |
| 1934 | 2,400,311 | 1,096,220 | 1,112,289 | 4,608,820 |
| 1935 | 1,372,924 | 954,511 | 484,238 | 2,451,673 |
| 1936 | 1,333,240 | 459;738 | 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 |
| 1939 | 1,559,519 | 586,072 | 1,149,743 | 3,295,334 |
| 1940 | 1,459,285 | 632,366 | 1,099;135 | 3,190,786 |
| 1941 | 1,476,320 | 779,419 | 1,148,656 | 3,404,395 |
| 1942 | 1,612,853 | 876,701 | 912,520 | 3,402,074 |
| 1943 | 1,695,989 | 837,145 | 832,204 | 3,365,348 |

Figures not collected since 1943

Table 7. - Employees by Sex and Remuneration, 1946 and 1947
1946
1947

Salaried Employees -
Total ................................... No.
No. 152
178
Male .............................. No. 103125
Female .................................. No.
$48 \quad 53$
Total Salaries .................... \$ 316,582 410,325
Wage-earners -
Monthly average................... No: 866907
Male ..................................No, 798 . 836
Female .............................. No. 68 71
Total wages ...................... $\$$ 1,155,086 1,420,039
All Employees -
Total
Male
No。
Kale ............................ No.
Female ...................................No.
No
$\$$

| 1,018 | 1,085 |
| ---: | ---: |
| 901 | 961 |
| 117 | 124 |
| $1,471,668$ | $1,831,264$ |

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1947
Table 8. - Monthly Employment of Wage-earners, 1946 and 1947.

| Months | 1946 |  |  | 1947 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Male | Female | Total | Male | Female | Total |
|  | No. | No. | No. | No. | No. | No. |
| January .................. | 728 | 47 | 775 | 807 | 65 | 872 |
| February | 742 | 51 | 793 | 806 | 62 | 868 |
| March .. | 757 | 51 | 808 | 818 | 67 | 885 |
| April .................... | 770 | 53 | 823 | 858 | 76 | 934 |
| May . | 796 | 67 | 863 | 859 | 84 | 943 |
| June | 812 | 75 | 887 | 845 | 74 | 919 |
| July .....0.0000.0.0.0.0. | 817 | 74 | 891 | 802 | 69 | 871 |
| August ................. | 841 | 77 | 918 | 795 | 62 | 857 |
| September ................ | 836 | 83 | 919 | 823 | 65 | 888 |
| October ................. | 824 | 81 | 905 | 836 | 67 | 903 |
| November ................. | 840 | 81 | 921 | 862 | 68 | 930 |
| December | 804 | 64 | 868 | 865 | 68 | 933 |
| MONTHLY AVERACE ...... | 798 | 68 | 866 | 836 | 71 | 907 |

## Table 9. - Average Weekly Earnings and Number of Wage-earners in the month of highest employment, and their Hours of Work, 1944 and 1945.1/



[^0]THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1947
Table 10. - Fower Installation 1946 and 1947

| Classes of Power | 1946 |  | 1947 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number of Units | Manufacturers <br> Reting of Horse-power Capacity | Number of Units | Manufacturers <br> Rating of Horse-power Capacity |
| Steam engines and turbines - In use .... | 4 | 425 | 3 | 315 |
| ```Electric motors operated by purchased power = In use .... Idle ......``` | $\begin{array}{r} 294 \\ 2 \end{array}$ | 1,169 30 | 363 6 | $\begin{array}{r} 1,186 \\ 13 \end{array}$ |
| TOTAL POWER USEL IN MANUFACTURING ......... | 300 | 1,624 | 372 | 1,514 |
| Boiler installation - <br> In use $\qquad$ <br> Idle <br> ...... | $\begin{aligned} & 7 \\ & 3 \end{aligned}$ | $\begin{aligned} & 745 \\ & 280 \end{aligned}$ | $\begin{aligned} & 8 \\ & 3 \end{aligned}$ | $\begin{aligned} & 315 \\ & 305 \end{aligned}$ |
| Motor Generator set (k,v,a. | 1 | 3 | 1 | 3 |

Table 11. - Consumption of Fuel and Blectricity, 1946 and 1947

| Kinds of fuel | Unit of Measure | 1946 |  | 1947 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Quantity | Cost Value at Factory | Quantity | Cost Valu at Factor |
| Bituminous coal ........ |  | 4,239 | $42,834$ | 4,130 | $\begin{aligned} & \$ \\ & 42,382 \end{aligned}$ |
| Anthracite coal | " | 29 | 398 | 14 | 245 |
| Coke | " | 14 | 209 | 5 | 80 |
| Gasoline | Imp. gal. | 4.971 | 1.786 | 4,670 | 1,707 |
| Kerosene or coal oil.. | " " | 30 | 8 | 150 | 37 |
| Fuel oil | " | 121,241 | 6,93E | 169,371 | 15,729 |
| Gas,manufactured and natural ................ | M cu. ft, | 720 | 661 | 691 | 649 |
| Other fuel | - | $=$ | 29 | - | 48 |
| TOTAL COST OF FUEL - | - | - | 52,863 | - | 60,877 |
| Electricity purchased (including service charges) ............. | $\mathrm{Kw}, \mathrm{H}$ 。 | 993,287 | 16,963 | 1,147,291 | 19,144 |
| TOTAL COST OF FUEL AND ELECTRICITY | - | - | 69,826 |  | 80,021 |

## THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1947

Table 12. - Imports of Musical Instruments, Parts, Etc., 1946 and 1947


Table 13. - Exports of Musical Instruments and Parts, 1946 and 1947

|  | Quantity | Value | Quantity | Value |
| :---: | :---: | :---: | :---: | :---: |
|  | No. | \$ | No. |  |
| Organs and parts | 。 | 23,383 | - | 101,602 |
| Pianos | 117 | 28,432 | 141 | 38,422 |
| Piano parts | - | 6,430 | - | 34,920 |
| Phonographs, gramophones and parts $\qquad$ | - | 169,995 | - | 265,118 |
| All other nusical instruments and parts, n,o.p. ............ | - | 57,715 | - | 14,797 |
| Radio receiving sets . ......... | 13,967 | 425,476 | 52,643 | 1,005,078 |

## APPENDIX

## Manufacturers of Pianos, Organs and Other Misical Instruents in 1947.



## ONTARIO

D. M. Best \& Co. Ltd.,
W. Bohne Co. Ltd.,

Gibson Musical. Instruments of Can. Itd.,
Heinl, Geo. \& Co.,
Heintzman \& Co. Ltd.,
R. Leistner \& Co., Lye Organ Co., Mason \& Risch Ltd. Minshall Organ Ltd., Sherlock-Manning Pianos Ltd., Sterling Action \& Keys Ltd., Whaley Royce \& Co. Ltd., Williams, R.S. \& Son Co. Ltd., Woodstock Pipe Organ Builders Ltd.,

525 Adelaide St. W., Toronto 1153 Queen St. W., Toronto 9 Church Street, Toronto 209 Church St. Toronto 56 Heintzman Ave. (West Toronto) (H.O. 195 Yonge St., Toronto) 1745 Dundas St. W., Toronto 3。 R.R.\#2, Markham Road, West Hill

525 Adelaide W., Toronto
52 Charles St., London
East St., Clinton
39 Alice St., Brantford
310 Yonge St., Toronto
4 A Trafalgar Ave., Toronto
702-704 Dundas St., Woodstock

## MANITOBA

Ed. W. Steppler,
638 Logan Ave., Winnipeg

## BRITISH COLUMBIA

Bordipnon, J. and Sons, Guy, John, Porter, W. F.,

546 E゙ast Hastings St., Vancouver
2085 Conmercial Drive, Vancouver 576 Seymour Street, Vancouver


1010671848


[^0]:    1/ Not collected since 1945.

