# THE MUSICAL INSTRUMENT INDUSTRY 1958 

DOMINION BUREAU OF STATISTICS<br>Industry and Merchandising Division

## PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for Industries classified to the Miscellaneous Manufactures Major Group are listed below, along with related current and annual publications. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is avallable on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.
A - Annual $\quad \mathbf{M}$ - Monthly $\quad$ S.C. - Special Comptlation

| Catalogue number | Title | Price |
| :---: | :---: | :---: |
| 47-201 | Broom, Brush and Mop Industry (A) | 50 |
| 47-202 | Button, Buckle and Fastener Industry (A) | 25 |
| 47-203 | Musical Instrument Industry (A). | 25 |
| 47-204 | Sporting Goods Industry (A) | 50 |
| 47-205 | Miscellaneous Industries (Artificial flowers and feathers; candles; clocks and watches; fountain pens and pencils; hair goods; 1ce; instruments; models and patterns; lamps, ophthalmic goods; orthopaedic and surgical appliances; smokers' supplies; plastic products; signs stamps and stencils; statuary and art goods; toys and games; typowriter supplies; umbrellas) (A) | 50 |
| 47-001 | Asphalt and Vinyl-Asbestos Floor Tile (M) ............................................ per year | 1.00 |
| (S.C.) | Production and Sales of Records in Canada (M) |  |
| 31-001 | Inventories, Shipments and Orders in Manufacturing Industries (M) ......... per year | 4.00 |
| 31.201 | General Review of Manufacturing Industries (A) | 2.00 |
| 31-001 | Inventories, Shipments and Orders in Manufacturing Industries (M).......... per year | 4.00 |
| 65-004 | Trade of Canada - Exports (M) .............................................................. per year | 7.50 |
| 65-007 | Trade of Canada - Imports (M).............................................................. per year | 7.50 |

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information Services Division, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.

## EXPLANATORY NOTES

This report is one in a series of about 130 pibitications which present the results of the 1958 Census of Manufactures. Most reports in this serles refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carrled out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cast of materials, supplies, fuel and electricity, gross value of shipments, inventorles and value added by manufacturing. Details of mateifis used and products shipped are also given. Descriptions of the principal industry statistics. With special reference to 1958 , are as follows:

## Period Covered

Firms are asked to submit figures for the calendar yeaf, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the ftrms ind it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendat year basis in all cases.

## Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to flle a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two of more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale of retall activities carrled on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture. shipbullding, boat bullding, alrcraft and rallway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

## Employees

Administratlve and office employees include all executives and supervisory officials such as piesidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by tweive. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether of not some establishments reported other data on a financial year basis.

## Salaries and Wages

Salarles and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming pait of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners of partners for normal living expenses iof self and family are included but not thelf withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

## Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the lald-down cost at the works, including freight, duty, etc.

## Materials and Supplies Used

Figures represent quantities and lald-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or recelved as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers of any other items charged to capltal account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies
for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

## Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought of received as transfers and resold without further ptocessing are not included. Values are computed on f.o.b. plant of plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts recelved in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding. aircraft, etc., where work on principal products extend over a relatively long perlod, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

## Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures inciude inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

## Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished
goods and goods in process less most of moterials. fuel and electricity. This tigure is sometimes referred to as net production.

## Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Duminion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classlfled or allotted to specific industries on the basis of the value of principal products made or shipped.

## Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified of short form was introduced in 1949 asking for the total value of shipments only, of in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments In the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at $\$ 50,000$ gross value of shipments annually, but there were lower cut-offs for a number of Industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

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# THE MUSICAL INSTRUMENT INDUSTRY 

## 1958

Factory shipments by the Musical Instrument Industry in 1958 attained a total value f.o.b. plant nf $\$ 16,352,254$ : this, compared to the $\$ 14,763,607$ worth of goods shipped in 1957, represents an increase of $\$ 1,588,647$, or 10.8 per cent. Again, as in the two preceding years, an expansion in the sales if phonograph records was chiefly responsible for w. . higher level of activity in the industry.

The number of employees decreased from 1,466 is 1.957 to 1,433 in 1958 , but the salary and wage ;ayment total, $\$ 4,817,056$, was $\$ 195,658$, or 4.2 Wer cent above the comparable 1957 figure of \$4,621,398. In the year under review the cost of Naterials used by the industry rose by 6.4 per cent to $\$ 5,079,027$ from $\$ 4,771,187$ in 1957.

Of the 24 firms in the industry (one less than ia ine previous year). 15 were located in Ontario; 8 WTre in quebec; and the remaining establishment Uas in British Columbia. Five plants, each with Dial factory shipments of $\$ 1,000,000$ or more, acdounted for 79.6 per cent of all factory shipments; for 65.9 per cent of the total number of production workers; and for 70.2 per cent of salaries and wages.

Some firms in other industries, in particular the electrical apparatus industry, manufacture misjoal instruments as secondary products. Table 5 of this report summarizes the total shipments of
musical instruments, parts, etc., as assembled from all industries. Study of this table shows that the total value of such shipments, at $\$ 23,453,985$, was 4.6 per cent higher in 1958 than the 1957 total of $\$ 22,413,254$. Over the same two years, the total value of factory sales of phonograph records increased by 14.2 per cent, from $\$ 8,822,201$ to $\$ 10,072,605$. Shipments of record players with a value of $\$ 7,676,708$, were 4.3 per cent below the 1957 total of $\$ 8,024,203$. Factory sales of planos decreased slightly, 6.596 instruments with a value of $\$ 2,686,551$ being sold in 1958 compared to 6,616 instruments worth $\$ 2,732,900$ in 1957 . The number of organs sold in 1958, at 287, was 59 lower than the 346 sold in 1957, but the value of the 1958 sales was $\$ 219.173$, or 14.4 per cent higher, $\$ 1,741,073$ as against $\$ 1,521,900$ the preceding year.

Imports of musical instruments, parts, record players, etc., amounted to $\$ 10,293,825$. Exports, chiefly of organs and parts, totalled $\$ 900.027$. Greater details may be found in Tables 6 and 7.

Beginning with 1954, information on the value of year-end inventory holdings at plants and plant warehouses has been collected as part of the Annual Census of Industry. This data was formerly collected by a separate survey. Summarized statistics for the Musical Instrument Industry for 1958 are shown in Table 3.

TABLE 1. Principal Statistics of the Musical Instrument Industry
Representative Years, 1929-58

${ }^{1}$ Commencing with 1952, the value of factory shipments has been collected in place of the gross value of production.
${ }^{2}$ Because of insufficient inventory data in 1952 and 1953 , these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "Value added by manufacture."

TABLE 2. Comparis on of Principal statistics, 1957 and 1958

| Item |
| :--- |

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.

## CABLE 3. Inventories, ${ }^{1} 1958$

| Opening and closing - Province | Raw materials <br> and <br> supplies | Goods in <br> process | Finished goods <br> of own <br> manufacture | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |

[^1]TABLE 4. Factory Shipments, 1957 and 1958

| Product | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Selling value at the factory | Quantity | Selling value at the factory |
|  | No. | \% | No. | \$ |
| Planos: |  |  |  |  |
| Upright | 6.541 | 2,641,700 | 6,537 | 2,608,991 |
| Grand | 75 | 91,200 | 59 | 77,560 |
| Organs, all kinds .................................................. | 346 | 1,521,900 | 286 | 1.724,768 |
| Piano and organ parts | - | 911.728 | - | 943,217 |
| All other musical instruments ............................... | - | 32, 139 | - | 53.987 |
| All other products ${ }^{8}$................................................ | - | 9,424,699 | - | 10.837,715 |
| Custom work and repairs ........................................ | - | 140, 241 | - | 106.016 |
| Value of factory shipments ................................ | - | 14, 763,607 | - | 16,352,254 |


#### Abstract

${ }^{1}$ Includes gramophone and phonograph records; strings and parts for musical instruments, other tian pianos and organs; stools; benches; cabinets; cases; etc. The above table includes only the statistics of those manufacturing establishments whose principal products are musical instruments. The figures do not necessarily represent Canadian totals as musical instruments are also made as secondary products by firms in other industries. The total figures from all industries are shown in Table 5.


TABLE 5. Factory Shipments of Musical Instruments, Parts, etc., from All Industries,
1957 and 1958

| Product | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Selling value at the factory | Quantity | Selling value at the factory |
|  | No. | \$ | No. | \$ |
| Planos: |  |  |  |  |
| Upright ............................................................... | 6,541 | 2,641,700 | 6.537 | 2,608,991 |
| Grand | 75 | 91, 200 | 59 | 77.560 |
| Organs, all kinds .................................................. | 346 | 1,521,900 | 287 | 1,741,073 |
| Plano and organ parts ........................................... | - | 1.084,842 | - | 963.711 |
| Record players ...................................................... | 283.491 | 8,024,203 | 249, 370 | 7,706,708 |
| Phonograph records .............................................. | 17, 208, 098 | 8,822, 201 | 18,490, 025 | 10,072,605 |
| Other musical instruments, parts and cases ........... | - | 227, 208 | - | 202,486 |
| Totals | - | 22,413,254 | - | 23, 373, 134 |

TABLE 6. Imports of Musical Instruments, Parts, etc., 1957 and 1958

| Imported articles | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | value |
|  | No. | \$ | No. | \$ |
| Accordions, concertinos and melodeons ...................................... | 37, 228 | 754,625 | 26, 493 | 736,235 |
| Brass band instruments | - | 709, 840 | - | 489, 240 |
| Harps. | 7 | 4,574 | 6 | 8,119 |
| Cabinet organs. | 137 | 17, 158 | 127 | 16,737 |
| Pipe organs | 10 | 32,517 | 19 | 71,609 |
| Parts of organs, n.e.s, .................................................................. | - | 246, 793 | - | 232, 481 |
| Pianofortes. | 1,507 | 522, 827 | 1.138 | 412,389 |
|  | - | 261, 611 | - | 246, 732 |
| Music for mechanical piano players ............................................. | - | 3,119 | - | - |
| Phonographs, graphophones, and gramophones and finished parts.. | - | 1,670, 817 | - | 2,008,498 |
| Phonographs, coin operated. | 2,284 | 1,403,943 | 1,320 | 810,901 |
| Cylinders and records for phonographs, graphophones and gramophones | 2,807,782 | 1,725,891 | 3,366, 979 | 2,195,676 |
| Strings for musical instruments .................................................... | - | 98, 886 | - | 103,905 |
| Other musical instruments, n.e.s. ................................................. | - | 2, 942,846 | - | 2,961,303 |

TABLE 7. Exports of Musical Instruments and Parts, 1957 and 1958

| Exported articles | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | Value |
|  | No. | \$ | No. | $s$ |
| Organs and parts ......................................................................... | 33 | 506,423 | 38 | 675.450 |
| Pianos ....................................................................................... | 6 | 4,642 | 8 | 3,379 |
| Piano parts ................................................................................. | - | 97,519 | - | 133,520 |
| Phonographs, gramophones and parts ........................................... | - | 216, 338 | - | 79, 138 |
| All other musical instruments and parts, n.e.s. ........................... | - | 2,770 | - | 5,492 |

TABLE 8. Employees by Sex and Remuneration, 1957 and 1958

| Remuneration - Sex | 1957 | 1958 | Increase ( + ) or decrease ( - ) |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | Percentage |
| Supervisory and office employ ees: |  |  |  |  |
| Total ............................................................. No. | 224 | 241 | + 17 | +7.6 |
| Male ............................................................... . $_{\text {\% }}$ | 131 | 149 | + 18 | +13. 7 |
| Female ......................................................... ${ }^{\text {e }}$ | 93 | 92 | - 1 | -1.1 |
| Total salaries ............................................. \$ | 908, 300 | 1, 049, 922 | +141,622 | +15.6 |
|  |  |  |  |  |
| Total (monthly average) Male | 1. 242 | 1, 192 | $-\quad 50$ $-\quad 59$ | - 4.0 |
| Female ................................................................... | 264 | 273 |  | + 3.4 |
| Total wages............................................... \$ | 3, 713, 098 | 3, 767, 134 | + 54,036 | + 1.5 |
| All employees: |  |  |  |  |
| Total .............................................................. No. ${ }_{6}$ | 1, 466 | 1,433 | - $\quad 33$ | - 2.3 |
| Male <br> Female | 1, 109 | 1, 068 | 41 <br>  <br> $+\quad 8$ | -3.7 $+\quad 22$ |
| Total salaries and wages ........................... \$ | 4,621,398 | 4,817,056 | +159,658 | + 3.5 |

T.ABIE 9. Production Workers, by Months, 1958

${ }^{1}$ The number of production workers by months was generally collected only for establishments reporting value of shipments of $\$ 200,000$ and over. For smaller establishments, only the number employed during the last pay period of May, 1958. was collected.
${ }^{2}$ The average for establishments generally reporting shipments of less than $\$ 200,000$ was estimated by using average annual earnings data from the large establishments in conjunction with reported payrolls for the small establishments.

MABE 10. Principal statistios of the musical mostrument Industry by Selling Value of Factory Shipments, 1957 and 1958


## APPENDIX

Manufacturers of Pianos, Organs and Other Musical Instruments in 1958

| Name of firm | Location |
| :---: | :---: |
| Quebec: |  |
| Casavant Frères, Limitée | 50, rue Girouard, St. Hyacinthe |
| Compo Co.. Limited, The | H.O. 2377 Remembrance St., Lachine, Montreal 32 Plant - 485-18th Ave., Lachine |
| Les Pianos Lesage Ltee | 15, pue Lesage, Ste-Therese de Blainville |
| Les Pianos Modernes Enrg | 9090 St. Laurent Blvd., Montreal 14 |
| Poitras \& Frères, Enrg. | H.O. 2375 Beauparlant, St. Hyacinthe Plant - St. Dominique de Bagot |
| Quidoz Pianos Limitée | 3 rue, Roux, Ste-Thérèse de Blainville |
| Wilfer, Anton, Reg'd. | 2002 Mackay St., Montreal 25 |
| Willis \& Co. Limited | 39 Dubois St., Ste. Thérese de Blainville |
| Ontario: |  |
| Best, D.M. \& Co., Limited | 221 Richmond St. W. Toronto 2B |
| Bohne Industries Limited | 1153 Queen St. W., Toronto 3 |
| Hallman, J.C., Mfg. CO., Ltd. | 41 John St. W., Waterloo |
| Hallmark Recordings Limited | 81 Grenville St., Toronto 5 |
| Heintzman \& Co., Limited | 56 Heintzman Ave., Toronto 9 |
| Holmes Organ Co. | 465 Second St., S.S.2, Londoni |
| Keates Organ Co. Ltd. | Market St., Lucan |
| Kney \& Bright | 1778 Parkhurst St., London |
| Leistner, R., \& Company | 1351 Danforth Ave., Toronto 6 |
| Mason \& Risch, Limited | 525 Adelaide St. W., Toronto 2B |
| Quality Records, Limited | 380 Birchmount Rosd. Toronto 13 |
| RCA Victor Company, Ltd. | H.O. 1001 Lenoir St., Montreal 30 Que. Plant - Smiths Falls |
| Sherlock-Manning Piano Co., Limited | East St., Clinton |
| Sterling Action \& Keys, Limited, The | H.O. 525 Adelaide St. W., Torento 2 B Plant - 39 Alice St., Brantford |
| Whaley, Royce \& Company, Limited | 310 Yonge St., Toronto 1 |
| British Columbia: |  |
| Guy, John | 3444 East 22 Avenue, Vancouver |


[^0]:    2 To arrive at the National Accounts concept of "gross domestic product at factor cost" " it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction'" are published in D.B.S. publication $61-202$, Survey of Production.

[^1]:    ${ }^{8}$ Book value of all manufacturing inventories held at plant, and plant warehouses.
    ${ }^{2}$ The opening inventory for 1958 differs from the closing inventory published for 1957 because of the receipt of revised data and the removal of figures for firms which did not operate during 1958.

