

# OFFICE AND STORE MACHINERY MANUFACTURERS 

1960

> First issue - Formerly part of The Machinery Industry Cat. No. 42-208 which has been discontinued.

ANNUAL CENSUS OF MANUFACTURES

Industry and Merchandising Division

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:
.. figures not available.
... figures not appropriate or not applicable.

## EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1960 Census of Manufactures. Most reports in this series ieter to specific industries, but there are summary ports for Canada and the provinces and for major industry groups. Adoption of the revised Standard Industrial Classification for 1960 compilations has necessitated changes in titles of many reports in this annual series. The content of many industries has also been affected (see following note on Industrial Classification).

Industry statistics glven in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal Industry statistios, with special reference to 1960 are as follows:

## Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differlng from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar 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 file 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 or retail activities carried on at the plent location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupled in assembling parts into complete units se included.

## Employees

Administrative and office employees include all executives and supervisory offlcials such as presidents, 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 besis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, ware-
housing and dellvery 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 twelve. This procedure is followed even though the plant did rot operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a inancial year basis.

## Salartes and Wages

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

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their 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 laid-down cost at the works, Including freight, duty, etc.

## Materials and Supplies Used

Figures represent quantlies and laid-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 or any other items charged to capital account are not included. Fuels are not Included. Goods bought from others or received as transfers from other plants or 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 elther in the reporting plant of by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shlpped 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 or recelved as transfers
and resold without further processing are not included. Values are computed on f.o.b. plant or 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 period, 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 include 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 cost of materials, fuel and electricity. This flgure is sometimes referred to as net production. ${ }^{\text {a }}$

## Standard Industrial Classification

The revised Standard Industrial Classification which has been introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 in clusive. It incorporates changes considered desirable on the basis of experience in using the earlier classlfication as well as those which take account of changes in the structure of Canadian industries associated with the rapid developments of the past decade. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Many industries remain unchanged in the new classification but in many instances there have been substantial changes in content because of the shifting of establishments from one industry to another or in re-grouping of establishments. Where

[^0]changes have occurred the principal statistics for: 1957. 1958 and 1959 have been re-compiled to provide data on a basis comparable with thest for 1960.

## Short Forms

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, In a few cases where losses of detall were slgnificant, for quantlties and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at $\$ 50,000$ value of shipments. About $40 \%$ of the total number of establishments reported on the short form and accounted for less than 3 pet cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to $\$ 100,000$ value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more importan? items. The general limits for firms in this categor; were set at between $\$ 100,000-\$ 500,000$ value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. Or the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form. This practice was followed again in 1960.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. Fot purposes of compiling aggregates of principal statistics by Industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

# OFFICE AND STORE MACHINERY MANUFACTURERS 

1960

Data for 1960 presented in this report reflect implementation of the revised Standard Industrial Classification (SIC) which is being used by the Dominion Bureau of statistics in its compilation of 1960 industry statistics - see item "'Standard Industrial Classification" in the Explanatory Notes section of this report. The present report constitutes the first in this series for Office and Store Machinery Manufacturers. For statistical purposes the industry titled Office and Store Machinery Manufacturers in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing office and store machinery such as typewriters, cash registers, cain-aperated vending machines, mechanical computing machines, and scales and balances. Establishments primarily engaged in manufacturing electronic computers, data processors and control devices, are included in Industry 339-Manufacturers of Miscellaneous Flectrical Products.

In many instances adoption of the new Standard Industrial Classification effected a radical shifting of manufacturing establishments as between industry groupings and the establishment of new industries as in the case of Office and Store Machinery Manufacturers. This new industry is now comprised of those establishments previously forming a major component of the old SIC industry Household, Office and Store Machinery. Establishments primarily engaged in manufacturing items such as washing machines, dryers and sewing machines previously included in this latter industry are now classified in industry number 3320-Manufacturers of Major Appliances (electric and non-electric). In order to provide a statistical comparison an attempt has been made to re-compile 1957, 1958 and 1959 data on the revised Standard Industrial Classification basis. Figures on this basis are shown in Table 1.

There were 22 establishments classified as Office and Store Machinery Manufacturers in 1960, there being 5 in Quebec, 16 in Ontario and 1 in British Columbia. Employees in this industry totalled 3359 ; salaries and wages totalled $\$ 16,113,815$; materials used in the manufacturing processes cost $\$ 36,557,312$; and factory shipments were valued at $\$ 73,776,859$.

The establishments in this industry make office and store machinery as their main products. On the other hand some companies which have been classifled to other industrial classes make office and store machinery as a secondary part of their business. Tables 1 to 4 and 6 to 10 of this report refer only to Office and Store Machinery Manufacturers which includes those firms reporting these lines as their main products. Small quantities of these commodities were also made by companies which have been classified to other industrial groups. Table 5 represents total factory shipments of office and store machinery from all industries.

Note: Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity from the total value of factory shipments. In 1954 and 1955 the "value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in Process" as well as the finished goods held at plant or plant warehouse.

TABLE 1. Principal Statistics, Office and Store Machinery Manufacturers, by Provinces 19:5-60 Basis: Standard Industrial Classification, revised $196{ }^{\circ}$


[^1]TABLE 2. Inventories: ${ }^{1}$ Office and Store Machinery Manufacturers, 1960

| Province | $\begin{aligned} & \text { Raw } \\ & \text { materials } \\ & \text { and supplies } \end{aligned}$ | Goods In process | Finished goods of own manufacture | Total |
| :---: | :---: | :---: | :---: | :---: |
|  | dollars |  |  |  |
| Opening: |  |  |  |  |
| Quebec <br> British Columbia | 160. 170 | 454,005 | 673, 021 | 1,287, 196 |
| Ontario ........................................ | 9,601,744 | 4,481.662 | 6,953,364 | 21,036,770 |
| Canada ..................................... | 9,761,914 | 4, 935,667 | 7,626, 385 | 22, 323,966 |
| Closing: |  |  |  |  |
| Quebec <br> British Columbis | 161, 161 | 408,816 | 746,474 | 1,316,451 |
| Ontario ......................................... | 11,913, 986 | 6, 201, 195 | 5,514,145 | 23,629,326 |
| Canada ....................................... | 12,075, 147 | 6,610, 011 | 6. 260, 619 | 24,945,777 |

[^2]TABLE. 3. Factory Shipments: Office and Store Machinery Manufacturers, 1960

| Item | Quantity shipped | Value of factory shipments |
| :---: | :---: | :---: |
|  | No. | \$ |
| Adding machines .......................................................................................... | 10,380 | 1,723,772 |
| Typewriters - Standard | 26,659 | 3,321,172 |
| Portable | 42,051 | 2,699,559 |
| Electric.................................................................................... | 16,994 | 7, 272,091 |
| Other office machinery, including cash registers, calculating machines, card sorting machines, accounting machines etc. (excluding parts) | - . | 38, 533,719 |
| Scales ............................................................................................................. | - | 3,257,066 |
| Parts for office, store and business machinery ........................................... | -* | 7,645,484 |
| All other products ........................................................................................... | - . ${ }^{\text {c }}$ | 2,678,887 |
| Amount recelved for repair work ..................................................................... | * * | $5,635,109$ |
| Total ................................................................................................................. | * $\cdot$ | $73,766,859$ |

Note: Data given in the above table reflect totals by firms classified as "Office and Store Machinery Manufacturers" see text for definition. These products may have been made also as minor products of firms classified to other industries, so the figures in this table do not necessarily represent the total Canadian production of the items which arellsted. For the total ligures of some of the major iterns, see Table 5.

TABLE 4. Materials Used: Office and Store Machinery Manufacturers, 1960

| Materlal |  | Quantity | Cost at works |
| :---: | :---: | :---: | :---: |
|  |  |  | \$ |
| Castings (rough and semi-finisher received from foundry): |  |  |  |
| Iron (gray and malleable) <br> Steel | ton | 132 21 | $\begin{aligned} & 44,952 \\ & 17,594 \end{aligned}$ |
| Pig Iron, all grades ....................................................................... | * | 292 | 19,296 |
| Steel (except alloy and tool steel): |  |  |  |
| Bars | " 0 | 68 | 23,479 |
| Plates (3/16 in. and thicker) .................................................. | ". | 13 | 2,606 |
| Sheets (under 3/16ino) - Plain | $\because$ | 15 159 | 2,734 |
| Structural shapes, unfabricated (channels, angles, etc.) ............ | 16 | 159 | 55,822 |
| Alloy and tool steel in all forms (including stalniess) ................ |  | * * | 5,250 |
| Scrap Iron and steel (purchased only) ................................................ | ton | 316 | 13,458 |
| Other iron and steel |  | ** | 83, 654 |
|  |  |  |  |
|  | 1 b | 36, 180 | 53,546 26 |
|  | ${ }^{\prime \prime}$ | 32,386 | 19,468 |
| Brass and bronze | " | 6,145 | 4,230 |
| Lead | ${ }^{\prime}$ | 23,457 | 2,897 |
| Nicke] | " | 116.985 | 1,038 |
| Zinc | " | 116,112 | 62,790 |
| Other non-ferrous metals .......................................................... |  | - | 37, 664 |
| Other materials and supplies: |  |  |  |
| Paints and varnishes |  |  | 14,526 |
|  | ton | 154 | 5.459 |
| Foundry sands ............................................................................ | " | 138 | 1,646 |
| Lumber ......................................................................................... | M bd. it. | 58 | 6,644 |
| Electric motors-Less than $1 \mathrm{~h} . \mathrm{p}$. | No. | 1,053 | 13,506 |
|  |  | - . | 35, 776, 772 |
| All other material ${ }^{1}$............................................................................... |  | ** | 35, 716,712 |
| Total ........................................................................................ |  | ** | 36,557,312 |

[^3]TABLE 5. Factory Shipments of Office and Store Machinery (from All Industries), 1859 and 1960

| Item | 1959 |  | 1960 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity Shipped | Value of Factory Shipments | Quantity Shipped | Value of Factory Shipments |
|  | No. | \$ | No. | \$ |
| Accounting machines | 1 | 1 | : | 1 |
| Adding machines | 13,568 | 1,898,000 | 10,380 | 1,724,000 |
| Addressing and malling machines | 1 | 1 | 1 | 1 |
| Cash registers | 1 | 1 | : | 1 |
| Calculating machines | 2 | 8 | 1 | 1 |
| Card-sorting and tabulating machines | 1 | 1 | 1 | 1 |
| Duplicating machines | 1 | 1 | 1 | 1 |
| Bread-s licing machines | * | : | 2 | * |
| Meat-slicing machines | 8 | 2 | 2 | , |
| Scales: |  |  |  |  |
| For stores, homes and offlces | 105,598 | 1,541,000 | 72,786 | 1. 235,122 |
| Industrial: |  |  |  |  |
| Bench or portable type | 4.105 | 770,000 | 4,485 | 982, 064 |
| Bullt-in or pit type ..................................................... | 789 | 1,587,000 | 821 | 1,696,528 |
| Typewriters: |  |  |  |  |
| Standard, including long cartiage .................................... | 25,651 | 3,218, 000 | 26,659 | 3,321,172 |
| Portable | 34, 180 | 2.104,000 | 42,051 | 2,699,559 |
| Electric | 14,090 | 5,433,000 | 16,994 | 7, 27., 191 |
| Time recording, job recording and time stamping machines .... | 1 | 1 | 1 | t |
| Other office and business machinery ................................. |  | 30,075,000 |  | 41,842,009 |
| Other store machinery ......................................................... |  | 1,847, 000 |  | 1,370,000 |
| Parts for office, store and business machinery |  | 6,101,000 |  | 7.684,000 |

${ }^{1}$ Included with "Other office and business machinery" to a void disclosure of individual firms.
${ }^{2}$ Included with "Other store machinery" to avoid disclosure of individual firms.

TABLE 6. Principal Statistics classified according to Type of Ownership: Office and Store Machinery Manufacturers, 1957 and 1960

| Type | Estab-lishments | Employees | $\begin{gathered} \text { Salaries } \\ \text { and } \\ \text { wages } \end{gathered}$ | Cost of fuel and electricity at plant | Cost at plant of materials used | Value of factory shipments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1957 number |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Individual ownershlp ................................ | 1 |  |  |  |  |  |
| Incorporated companies ............................. | 20 | 4,035 | 15, 112,763 | 241,78 | 28,143,864: | 65,561,4.78 |
| Totals | 21 | 4,035 | 15, 112, 763 | 241,788 | 28, 143, 864 | $65,561,478$ |
| 1960 |  |  |  |  |  |  |
| Individual ownershlp ................................... | 2 |  |  |  |  |  |
| Incorporated companies .............................. | 20 | 3,359 | $16,113,815$ | 247,345 | 36,557,312 | 73,766,859 |
| Totals | 22 | 3,359 | 16,113, 815 | 247,345 | $36,557,312$ | $73,766,859$ |

TABLE i. Principal Statistics grouped according to Selling Value of Factory Shipments: Office and Store Machinery Manufacturers, 1957 and 1960


TABLE 8. Employees and their Earnings: Office and Store Machinery Manufacturers, 1959 and 1960


TABLE 9. Production Workers, By Months: Office and Store Machinery Manufacturers, 1960

| Month | Establishments reporting monthly detail ${ }^{1}$ |  |
| :---: | :---: | :---: |
|  | Male | Female |
| January | 1.939 | 444 |
| February | 1.862 | 415 |
| March | 1,843 | 405 |
| April | 1,836 | 407 |
| May | 1,802 | 408 |
| June | 1,816 | 407 |
| July | 1,873 | 405 |
| August | 1.849 | 421 |
| September | 1.780 | 398 |
| October | 1.821 | 420 |
| November | 1.809 | 419 |
| December | 1. 793 | 415 |
| Average for establishments reporting monthly detall | 1.835 | 414 |
| Average estimated for small establishments ${ }^{\text {a }}$ | 81 | 3 |
| Average for all establishments | 1.916 | 417 |

[^4]TABI.F. 10. Fuel and Electricity Used: Office and Store Machinery Manufacturers, 1960

| Kind | Quantity | Cost at plant |
| :---: | :---: | :---: |
| 1. Establishments reporting detail: ${ }^{1}$ |  |  |
| Bituminous coal: |  |  |
| (a) From Canadian mines .................................................. ton | 191 | 2,869 |
| (b) Imported ....................................................................... | 585 | 7.445 |
| Anthraclte coal ..................................................................... | 998 | 12,357 |
| Gasoline, including gasoline used in cars and trucks ......... Imp. gal. | 9,356 | 3,627 |
| Fuel oll ................................................................................ ${ }^{\text {. }}$ | 773,607 | 78,200 |
| Natural gas ........................................................................ M cu. it. | 7. 581 | 9,603 |
| Electricity purchased ....................................................................... wh . | 11,341,241 | 116,885 |
| 2. Estimate for establishments for which no data were collected:* |  |  |
| Cost of fuel and electricity .................................................. | ** | 16,359 |
| 3. All establishments: |  |  |
| Total cost of fuel and electricity ......................................... | * . | 247,345 |

[^5]TABLE 11. Imports of Specified Types of Office and Store Machinery, 1959 and 1960

| Iter | 1959 |  | 1960 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | Value |
|  | No. | \$ | No. | \$ |
| Adding machines and parts | 16,132 | 2,665,525 | 16,500 | 2,495,430 |
| Book-keeping, calculating and involcing machines and parts n.o.p. | 13,417 | 19,300,662 | 13.151 | 23,238,959 |
| Cash registers |  | 1,085,735 |  | 1,254,865 |
| Cash register parts ........................................................................ | *** | 3,034, 278 | ** | 1,924,910 |
| Dictating, transcribing and cylinder shaving machines and parts, including cylinders, discs, dictating be its, and war blanks | *** | 2,306, 195 | $\ldots$ | 2,012,988 |
| Typewriters ............................................................................................... | 50,911 | 3,151,600 | 56,047 | 3,302,554 |
| Typewiter parts ............................................................................ | - | 4,983,467 |  |  |
| Electronic computers and parts ...................................................... | *** | -1,983, | - 57 | 3,148,793 |
| Household and person weighing scales, and parts ............................ | 210,952 | 702,082 | 215,935 | 693,555 |
| Scales, balances, weighing beams and parts, other ...................... |  | 3,112,148 | 115, | 3,790,898 |

TABLE 12. Exports of specified Types of Office and Store Machinery, 1959 and 1960

| Item | 1959 |  | 1960 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | Value |
|  | NO. | \$ | NO. | \$ |
| Adding machines and parts .......................................................... | 436 | 396,786 | 547 | 404,354 |
| Book-keeping and calculating machines and parts ........................ | 2,803 | $10,855,515$ | 4,555 | $16,982,531$ |
| Typewriters, portable | 5,292 | -222,170 | 10,870 | , 520,901 |
| Ty pewriters, n.0.D. ......................................................................... | 7,865 | 1,205,699 | 6,741 | 1,247, 232 |
| Typewriter parts ............................................................................. | - . | 14,673 | - . | 50,970 |
| Office machinery and parts, n. O. p. | *** | 50,248 | ** | 148,602 |
| Linotype and monotype machines and parts | ... | 5,073 | $\ldots$ | 5,673 |
| Scales and welghing beams ................................................................. | $\cdots$ | 40,578 | ** | 37.020 |

Directory of Firms: Office and Store Machinery Manufacturers, 1960

| Name of firm | Location of plant |
| :---: | :---: |
| Quebec: |  |
| Associated clock Industries Limited | 298 Charon St., Montreal |
| Canadian Fairbanks-Morse Company Limited | 350 Belvedere St., Sherbrooke |
| Colnex Manufacturing Reg'd | 618 St. Jacques St., St. John's |
| Interprovincial Safety Industies Limited | 5485 Notre Dame St. W., Montreal 30 |
| Royal Typewriter Company Limited | 7035 Park Avenue, Montreal |
| Ontarlo: |  |
| Addressograph-Multigraph of Canada Limited | 42 Hollinger Road, Toronto 16 |
| Better Packages of Canada Limited ........... | 245 Carlaw Avenue, Toronto 1 |
| Burroughs Business Machines Limited | 804 McDougall St., Windsop |
| Canadian Scale Company Limited | 305 Horner Avenue, Toronto 14 |
| Clary Multiplier of Canada Limited | 979 O'Connor Drive, Toronto 16 |
| Commodore Portable Typewriter Co. Limited | $680 \mathrm{King} \mathrm{St}. \mathrm{West} ,\mathrm{Toronto} \mathrm{2B}$ |
| Gurney Scale Company Limited | 1176 Howard Road, Burlington |
|  | Don Mills Road, Don Mills |
| National Cash Register Co. of Canada, Limited.... | 222 Lansdowne Ave., Toronto 3 |
| Opal Manufacturing Company Limited................. | 526 Bay St., Toronto 2 |
| Remington Rand Limited ....... | 301 Sherman Ave. No, Hamilton |
| Scale, E.W. Company Limited | 5 Slx points Road, Toronto 18 |
| Smith-Corona (Canada) Limited | 30 Bertrand Avenue, Scarborough |
| Toledo Scale Company of Canada, Limited | 2462 Howard Avenue, WIndsor |
| Underwood Limited ................................... | 1440 Don Mills Road, Don Mills |
| Victor Adding Machine Co. (Canada) Limited | Beverly St. Galt |
| Hritish Columbia: |  |
| Skinner Scales Limited | 1722 Franklin St., Vancouver |


[^0]:    ${ }^{1}$ 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. publioution 61-202, Surver of Production.

[^1]:    "The changeover to the new classification has delayed the recompilation of "Value added" figures for these years and same will not be available untll the next issue of this report.

[^2]:    ${ }^{1}$ Book value of all manufacturing inventorles owned and held at plant and plant warehouses.

[^3]:    ${ }^{1}$ No detailed information on materials used was collected from firms generally reporting value of shipments of less than $\$ 500,000$. The total value of materials used by these firms was $\$ 876,096$ and this amount is included in "All other materials".

[^4]:    ${ }^{2}$ The number of production workers, by months, was collected only for establishments generally reporting value of shipments of $\$ 500,000$ and over.
    ${ }_{2}^{2}$ For establishments generally reporting value of shipments of less than $\$ 500,000$, no data on number of workers were collected. Average was estimated by using change in value of shipments to arras at walad of paytul which was then used in conjunction with estimated average earnings to arrive at number of workers.

[^5]:    ${ }^{1}$ Establishments generally reporting value of shipments of $\$ 500,000$ and over.
    2 Establishments generally reporting value of shipments of less than $\$ 500,000$.

