 OF STATISTICS

JAiN 121900
PROVGITY OF TME tiskARY

# FOUNDATION GARMENT INDUSTRY 1963 

ANNUAL CENSUS<br>OF MINUFACTURES

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS<br>Industry Division

## PUBLICATIONS

In addition to the report, on this industry, the DBS publishes annual statistics on a number of related industries and current statistics on the more important commodities. Copies of reports provided in the following list are available from the Information and Public Relations Division of the DBS, Ottawa or from the Queen's Printer, Hull, P.Q.

| Catalogue number | Title | Periodicity | Price |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{aligned} & \text { per } \\ & \text { copy } \end{aligned}$ | per year |
| 31-201 | General Review of the Manufacturing Industries of Canada | A | \$2.00 |  |
| 31-211 | Products Shipped by Canadian Manufacturers ................................ | A | . 75 |  |
| 31-001 | Inventories, Shipments and Orders in Manufacturing Industries ....... | M | . 30 | \$3.00 |
| 65-004 | Exports by Commodities ................................................................ | M | . 75 | 7.50 |
| 65-007 | Imports by Commodities .............................................................. | M | . 75 | 7.50 |
| 34-202 | Canvas Products Industry | A | . 50 |  |
| 34-203 | Cordage and Twine Industry .......................................................... | A | . 50 |  |
| 34-204 | Cotton and Jute Bag Industry | A | . 50 |  |
| 34-205 | Cotton Yarn and Cloth Mills .............................................................. | A | . 50 |  |
| 34-206 | Textile Dyeing and Finishing Plants ............................................... | A | . 50 |  |
| 34-207 | Narrow Fabric Mills ....................................................................... | A | . 50 |  |
| 34-208 | Synthetic Textile Mills ....................................................................... | A | . 50 |  |
| 34-209 | Wool Mills ..................................................................................................... | A | . 50 |  |
| 34-210 | Miscellaneous Textile Industries .................................................. | A | . 75 |  |
| 34-212 | Foundation Garment Industry ........................................................ | A | . 50 |  |
| 34-213 | Fur Goods Industry .............................................................................. | A | . 50 |  |
| 34-214 | Hat and Cap Industry ................................................................... | A | . 50 |  |
| 34-215 | Hosiery and Knitting Mills ............................................................ | A | . 50 |  |
| 34-216 | Men's Clothing Industry ....................................................................... | A | . 50 |  |
| 34-217 | Women's and Children's Clothing Industries ....................................... | A | . 50 |  |
| 34-218 | Miscellaneous Clothing Industries ........ ... .................................... | A | . 50 |  |
| 34-219 | Fibre Preparing Mills ................................................................... | A | . 50 |  |
| 34-220 | Thread Mills | A | . 50 |  |
| 34-221 | Carpet, Mat and Rug Industry | A | . 50 |  |
| 34-001 | Garment Shipments | Q | . 25 | 1.00 |
| 34-002 | Foundation Garment Shipments .................................................... | Q | . 25 | 1.00 |

A-Annual Q-Quarterly M-Monthly

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information and Public Eelations Division, Ottawa or to the Queen's Printer, Hull, P.Q.

# FOUNDATION GARMENT INDUSTRY 

## 1963

In terms of the revised Standard Industrial Classification and the New Establishment Concept, this industry is defined as comprising those "Establishments primarily engaged in manufacturing corsets, girdles, brassieres and other foundation garments".

As will be noted from most tables in this report, the manufacturing activity and the total activity in this industry in 1963 was greater than in 1962. Tables 6 and 7, respectively, show in detail the materials and supplies used in manufacturing and the shipments of goods of own manufacture. Table 8 presents all-industry data covering the various types of foundation gaments for 1954 to 1963 , inclusive.

A list of the establishments classified to the industry in the 1963 survey will be found at the end of this report.

## SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:
.. figures not available.
... figures not appropriate or not applicable.

- nil or zero.
- amount too small to be expressed.
- preliminary flgures.
revised figures.
x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1 A. Principal Statistics classiffed by Province, 1962 and 1963

| $\begin{aligned} & \text { Year } \\ & \text { ibnd } \\ & \text { brovitue } \end{aligned}$ | Eistab-lishmente | Manufacturing ectivity |  |  |  |  |  |  | Total activity |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Production and related workers |  |  | Cost of tuel and electricity | Cost of materials and supplies | Value of shipments of goods of own manufacture | Value added | Working owners and partners |  | Totel employeen |  | Total value added |
|  |  | Number | Man= hours pald | Wages |  |  |  |  | Number | Withdfawals | Number | Salaries and Wages |  |
|  | No. |  | '000 |  |  | \$1000 |  |  |  | \$ 000 |  |  |  |
| Tocals | 42 | 3,220 | 6,326 | 6,561 | 123 | 14,607 | 35.842 | 20,824 | 3 | 7 | 4,393 | 12,173 | 20,730 |
| Newfoundland | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Prince Edward island | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nova Scotia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| New Brunswick | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Quebec ..................................... | 26 | 2,338 | 4.731 | 4,518 | 73 | 11, 216 | 24,315 | 13,537 | x | x | 3,045 | 8, 183 | 13,438 |
| Ontario | 18 | 1,316 | 2,623 | 3,253 | 55 | 6,232 | 14,909 | 8,853 | $x$ | * | 1,624 | 5,149 | 8,817 |
| Manitobs ................................... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Suskatebewan ........................... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Alberta .................................... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| British Columble ....................... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Yukon and Northwest Territories | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Toculs | 42 | 3,654 | 7,354 | 7.771 | 128 | 17.448 | 39,218 | 22,390 | 3 | 7 | 4,669 | 13,332 | 22,255 |
| Newtoundiand *.......................... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Prince Edwerd island................ | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nove Scotia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| New Branswick ........................ | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Quebec ................................... | 25 | 2,537 | 5,333 | 5,414 | 71 | 12, 140 | 28, 179 | 16, 716 | 3 | 8 | 3,229 | 9,135 | 18. 596 |
| Ontarto | 14 | 1,263 | 2,581 | 3. 190 | 55 | 6,748 | 16,548 | 10,086 | - | - | 1,565 | 5,213 | 10,079 |
| Manltoba .................................. | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Suskatchewan ........................... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Alberta .................................... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Pritish Columhta ....................... | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Yukon and Northwest Territorles | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Totals | 38 | 3,800 | 7.894 | 6,604 | 126 | 18,889 | 44,725 | 26,781. | 3 | 8 | 4,784 | 14,348 | 26,675 |

TABLE 1 B. Principal Statistics classified by Stae Groups based on Shipments of Goods of Own Manufacture, 1962 and 1963


TABLE 1 C. Principal Statistics classified by Size Groups based on Manufacturing Value Aded, 1982 and 1963


TABLE 1 D. Principal Statistics classified by Size Groups based on Total Valwe Added, 1962 und 1863


TABLE 1 E. Principal Statistics classified by Size Groups based on Total Employed, 1962 and 1963


TABLE 1 F. Principal Statistics clagsified by Type of Organization, 1962 and 1963


TABLE 2. Industry Output, Input and value Added, 1962 and 1963

|  | Manufacturing activity |  | Non-manufactur*: ectivities |  | $\begin{gathered} \text { Tutat } \\ \text { activity } \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1962 | 1963 | 1962 | 1963 | 1862 | 1963 |
|  | \$ 000 |  |  |  |  |  |
| 1. Shipments and other tevenue | 39,219 | 44,725 | 176 | 271 | 39,395 | 44,996 |
| Inventories - Goods of own manufacture: |  |  |  |  |  |  |
| Add closing - Goods in procass | 1,388 | 1,805 | ... | ... | 1,388 | 1,805 |
| Finished goods | 3,623 | 4.440 | ... | ... | 3.623 | 4, 440 |
| Less opening - Goods in process | 1,108 | 1,298 | $\cdots$ | ... | 1, 108 | 1,298 |
| Finished goods | 3. 155 | 3,875 | . . | $\cdots$ | 3,155 | 3,875 |
| 2. Net inventory change | 748 | 1.072 | ... | $\cdots$ | 748 | 1,072 |
| 3. Gross output ( $1+2$ ) | 39.967 | 45.797 | 176 | 271 | 40, 143 | 46,068 |
| Indut |  |  |  |  |  |  |
| 4. Purchases of goods not of own manufacture | - ${ }^{\text {c }}$ | ... | 116 | 163 | 116 | 163 |
| Inventorles - Goods not of own manufacture: |  |  |  |  |  |  |
| Add opening | ... | - | 25 | 21 | 25 | 21 |
| Less closing | $\ldots$ | ... | 21 | 45 | 21 | 45 |
| 5. Cost of goods sold (not of own manufacture) ....................... | ... | -•• | 120 | 139 | 120 | 139 |
| 6. Materials, supplies, components and semi-processed goods | 17,448 | 18,889 | 181 | 237 | 17,839 | 19. 126 |
| 7. Fuel and electricity .......................................................... | 128 | 126 | -** | -.. | 128 | 12.6 |
| 8. Groses input ( $5+6+7$ ) | 17,576 | 18,015 | 311 | 376 | 17.887 | 19. 34 : |
| Censes value added (3-8) ....................................... | 22,390 | 26. 781 | (135) | (106) | 22,255 | 26,675 |

TABLE 3. Employment and Payroll, 1962 and 1963


TABLE 3A. Production and Related Workers, - Manufacturing Activity, by Monchs, 1862 and 1883

| Month | Establishments reporting monthly detall |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1962 |  | 1983 |  |
|  | Male | Female | Male | Female |
|  | number |  |  |  |
| Jamury | 456 | 3,110 | 340 | 3, 183 |
| Pebruary .............................................................................................................................. | 464 | 3,115 | 355 | 3. 198 |
| March | 459 | 3,198 | 330 | 3,187 |
| Aprld | 453 | 3, 190 | 382 | 3,167 |
| May | 444 | 3. 216 | 356 | 3,222 |
| June .......................................................................................................................................... | 452 | 3. 296 | 375 | 3,247 |
| July | 453 | 3,285 | 381 | 3,178 |
| Augut ........................................................................................................................................ | 483 | 3, 244 | 384 | 3,248 |
| September ................................................................................................................................. | 482 | 3,297 | 378 | 3,398 |
| October .............................................................................................................................. | 461 | 3, 320 | 380 | 3,518 |
| November ............................................................................................................................. | 454 | 3,384 | 381 | 3,675 |
| December .............................................................................................................................. | 443 | 3. 288 | 380 | 3, 594 |
| Average for eatablishments reporting monthly detall (collected only for lerge entablishmeats).. | 418 | 3, 236 | 378 | 3.422 |
| Average for amall atablishmeats (only anmal averages oollected) ....................................... | ... | ... | ... | ... |
| A varege for all emtablishmente | 418 | 3,236 | 378 | 3,422 |

TABLE 4. Industry Inventories, 1963

| Province | Manufacturing |  |  |  | Nonmanufacturing <br> Products or materials purchased for resale | Not: inventornes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Raw materials and supplies | Goods in process | Finished goods of own manufacture | Total manufacturing |  |  |
|  |  |  | book val | e \$ 000 |  |  |
| Opening: |  |  |  |  |  |  |
| Newfoundland | - | - | - | - | - | - |
| Prince Edward Island | - | - | - | - | - | - |
| Nova Scotia | - | - | - | - | - | - |
| New Brunawick | - | - | - | - | - | - |
| Quebec | 3,049 | 652 | 2, 184 | 5,885 | 22 | 5,888 |
| Ontario | 1. 166 | 646 | 1,691 | 3,504 | 19 | 3,522 |
| Manitoba | - | - | - | - | - | - |
| Saskatchewan | - | - | - | - | - | - |
| Alberta | - | - | - | - | - | - |
| British Columbla | - | - | - | - | - | - |
| Yukon and Northwest Territories | - | - | - | - | - | - |
| Tolalis | 4,216 | 1. 298 | 3.875 | 9,389 | 21 | 8. 410 |
| Closing: |  |  |  |  |  |  |
| Newfoundland | - | - | - | - | - | - |
| Prince Edward Is land | - | - | - | - | - | - |
| Nova Scotia | - | - | - | - | - | - |
| New Brunswick | - | - | - | - | - | - |
| Quebec | 3.222 | 1.043 | 2,541 | 6,806 | 19 | 6.825 |
| Ontario | 1,157 | 762 | 1.900 | 3,819 | 26 | 3,845 |
| Manitobe | - | - | - | - | - | - |
| Saskatchewan | - | - | - | - | - | - |
| Alberta | - | - | - | - | - | - |
| British Columbla | - | - | - | - | - | $\cdots$ |
| Yukon and Northwest Territories | - | - | - | - | - | - |
| Totals ......... | 4,378 | 1,805 | 4.440 | 10,625 | 45 | 10,6711 |

TABLE 5. Purchased Fuel and Electricity Used in Manufacturing Activity, 1962 and 1963

| Description |
| :--- |

TABIF. 6. Materials and Supplies - Manufacturing Activity. 1962 and 1963

| Description | 1962 |  | 1963 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Cost | Quantlity | Cost |
|  | $\begin{array}{r} 4,238,147 \\ 980,470 \\ 729,817 \\ 669,122 \end{array}$ | \$'000 | $\begin{array}{r} 4,852,339 \\ 981,230 \\ 729,918 \\ 757,615 \end{array}$ | \$000 |
| 1. Materials used: <br> Cotton $\qquad$ $y d$. |  | 2, 453 |  | $\begin{array}{r} 2,890 \\ 845 \\ 742 \end{array}$ |
|  |  | 2,901 |  |  |
|  |  | 770 |  |  |
|  |  | 3. 279 |  | 3, 59 <br> 1. 775 <br> 2, 00 |
|  | $\ldots$$\cdots$105,883 | 1,677 | 121.230 |  |
|  |  | 1,761 |  |  |
| Thippers .-................................................................................................................................................................................................. |  | 389 189 |  | 390 139 |
| Hooks and eyes ..............................................................t+, |  | 562 |  | 572 |
| All other materials and components used ${ }^{\text {a }}$ | . . . | 2,680 | *. | 2. 566 |
| 2. Containers and other packaging materials and supplies used | ... | 651 | ... | 744 |
| 3. Operating, maintenance and repair supplies used (excluding fuel) | ... | 278 | ... | 404 |
| 4. Amount paid out to others for work done on materials owned by establlshments | . . . | 127 | $\ldots$ | 315 |
| Totals | ... | 17.448 | $\ldots$ | 18,885 |

 costs were $\$ 1,457,321$ in 1962 and $\$ 1,322,896$ in 1963.

TABLE 7. Shipments of Goods of Own Manufacture, 1962 and 1963


TABLE 8. Shipments of Selected Goods of Own Manufacture - All Industries, 1954 to 1963
(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

|  | Corsets and girdles |  | Combination garments ${ }^{1}$ |  | Bandeaux brassieres, etc. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | doz. | \$'000 | doz. | \$000 | doz. | \$'000 |
| 1954 | 207. 290 | 7.988 | 15.569 | 939 | 774,726 | 10.757 |
| 1955 | 239,274 | 8,924 | 20.120 | 1,149 | 910,974 | 12. 253 |
| 1956 | 329, 374 | 9,923 | 28,531 | 1.586 | 953, 021 | 12,811 |
| 1957 | 206, 703 | 9,335 | 78.122 | 3.060 | 865,786 | 14, 268 |
| 1958 | 281,851 | 11.763 | 40.810 | 1.764 | 963.975 | 14,959 |
| 1959 | 318,805 | 12,112 | 27,009 | 1.787 | 1,015,544 | 16. 227 |
| 1960 | 322.939 | 13.063 | 31,947 | 1.860 | 1,103,096 | 17. 200 |
| 1961 | 333, 262 | 14.037 | 32,765 | 1,859 | 1,038,869 | 16,963 |
| 1962 | 399, 240 | 15,211 | 34,652 | 1,992 | 1,149,433 | 17.717 |
| 1963 | 493, 222 | 20,386 | 35.518 | 2. 220 | 1.222.427 | 20.111 |

[^0]List of Establishments classified to This Industry, 1963
(Does not include establishments classified to other industries, which as a secondary activity, manufacture products typical of this industry)

| Name | Location |
| :---: | :---: |
| Quebec: |  |
| Alpa Mfg. Co. Ltd. | 129 Van Horne Ave., Montréal |
| Best Form Brasslere Co. Ltd. | 5555 De Gaspé Ave., Montréal |
| Best Form Brassiere Co. Ltd. | St-Hyacinthe |
| Brasslère Jouvence | 510, rue Fournier, St-Jéróme |
| Canadian Lady Corset Company Ltd. | 9500 St. Lawrence Blva., Montréal |
| Canadian Lady Corset Co. Ltd. | 291 St. Vallier St. E., Quifunc |
| Delroye, R. Inc. | 162 Lewis St., Water:m: |
| Dominion Corset Company Ltd. | 450 Dorchester St.. Qȧluch |
| E. T. Corset Company Led., The | St-Hyacinthe |
| Figure Maker Ltd. | 1, rue du Quay, St-Stmis. |
| Grenier, C.J. Ltd. | 4835 Colonial Ave., Muntrea |
| Grenler, C.J. Ltd. | 103 St-Joseph Blvd., St. Johns |
| Keline Enr ${ }^{\text {g }}$. | 404 Gauthler St., St-Jérôme |
| La Brasslère Marquise \& Cle Enr'g. | 5172 Park Ave., Montréal |
| Mystérieuse Inc. | 5265 Paplneau St., Montrêal |
| Perfection Corset Company Ltd.. The | 38 Champlain St., Québec |
| Peter Pan Foundations (Que.) Inc. | 9200 Meilleur St., Montréal |
| Ross Corsets Lid. | 155 St. Paul St., Québec |
| Smart Brassieres Inc. | 9200 Park Ave., Montréal |
| Spencer Supports (Canada) Ltd. | Rock Island |
| Vanity Brasslere Co. Ltd. | 7255 A lexandra St., Montréal |
| Vogue Brassiere Corp. | 9350 Esplanade Ave., Montréal |
| Vogue Corset Co. Letd. | 9350 Esplanade Ave., Montréal |
| Warner Brathers Company of Canada (1960) Limited | 65 St. Vallier St. E., Quêbec |
| Womder Form Co. Ltd. | 642 De Courcelles, Montréal |
| Ontario: |  |
| Canadlan H.W. Gossard Co. Ltd., The | 366 Adelaide St. West, Toronto |
| Canadian H.W. Gossard Co. Ltd., The | Port Perry |
| Exquisite Form Brasslere (Canada) Ltd. | 215 Spadina St., Toronto |
| Flexees (Canada) Limited | 590 King St. W., Totonto |
| Formfit Co.. The | 34 Wingold Ave., Toronto |
| Gordon and Mason Ltd. | 68 Broadview, Toronto |
| Hayward, A.P. and The Children's Wear Ltd. | 103 Walnut Ave., Toronto |
| Kops Brothers Limited | 590 King St., Toronto |
| Lagnon Manufacturing Ltd. | 257 Adelaide St. W., Toronto |
| Lovable Brassiere Co. of Canada Lid. | 590 King St . W. , Toronto |
| Nu Bone Corest Company of Canada Ltd., The | 72 Vine St., St. Catharthes |
| Playtex Lid. | Arnprior |
| Rose Marx Brassieres Limited | 7 Duke Et.. Toronto |
| Stella Lucas Co. Ltd. | 392 WIls on St., Hamilton |

# CONCEPTS AND DEFINITIONS 

Census of Manufactures

## General

The Census of Manufactures is an annual mail survey covering Canada's Manufacturing Industries. It is based on the Standard Classification of Industries and full details concerning the system may be found in the Standard Industrial Classification manual. Catalogue No. 12-501 which is available from the Queen's Printer or the Dominion Bureau of Statistics. In summary, the Classification as it relates to the manufacturing industrles provides for a breakdown into 140 industries arranged in 20 major industry groups. Of the 140 ( 3 digit) industries, 18 are further broken down into 58 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 178 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

The reporting unit for the Census is designated as the establishment (see definition of "Establishment" in following section) and a return is requested from every establishment classified to a manufacturing industry. Although respondents are required to submit reports covering the calendar year. financial year reports other than the calendar year are accepted in instances where respondents find it impossible to supply calendar year data from accounting records. When an establishment is operated for only part of a year a report is required covering the period of operation.

There are four different questionnaires used in the Census of Manufactures; (a) short form (b) long form (c) head office questionnaire and (d) commodity questionnaire. The short and long forms are used to obtain principal statistics and commodities shipped from establishments classified to manufacturing industries and differ only in the amount of detail requested. The short form is a single-sheet questionnaire sent to small manufacturers generally reporting shipments of less than $\$ 100,000$; this cut-off, however, varies somewhat between industries. The head office questionnaire is generally used for company head offices and/or auxillary units separately located from the manufacturing establishment(s), (see following notes on Head offices and auxiliary units). The Commodity questionnaire is used to survey certain establishments which are coded (on the basis of their principal activity) to industries other than manufacturing in the Standard Industrial Classification system, but which undertake some manufactuiling as a subsidiary activity. This single-sheet questionnaire is designed to collect information on the quantity and value of goods of own manufacture shipped by such establishments in order to achieve full coverage of domestically manufactured commodities (see the following note under Shipments).

The results of the Census are presented in some 140 publications. In addition to these annual industry publications there are annual summary reports for Canada and the provinces and special reports giving principal statistics by detailed geographic areas, by type of ownership and size of establishment. A special annual report covertng the shipments of all manufactured commodities arranged in alphabetical order is also published.

Since 1960 the following major changes have been implemented in the Census of Manufactures: (a) a revised Standard Industrial Classification (b) a new establishment definition and (c) an extension of the establishment definition to cover the non-manufacturing activities of manufacturing establishments. The statistics presented in the various 1963 reports reflect the complete implementation of these changes and enable comparisons to be made with the years 1961 and 1962. For a complete description of the procedures followed in establishing the revised series, reference should be made to the Explanatory Notes included in the 1960, 1961 and 1962 industry publications. The statistical framework within which the Census of Manufactures is now carried out is based on the following concepts and definitions which have been developed as part of a general programme to achieve a fully integrated system of economic statistics.

## Establishment

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing activities. The majority of such establishments are firms but many firms have more than one establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements embodied in the following definition of the "establishment":
"The smallest unit which is a separate operating entity capable of reporting the following principal statistics:

> Materials and supplies used
> Goods purchased for resale as such
> Fuel and power consumed
> Number of employees and salarles and wages
> Man-hours worked and paid
> Inventories
> Shipments or sales."

Each establishment is required to report on all the activities carried out within it's accounting boundaries (except income from investments such as rent, interest and dividends) and data on the different activities (manufacturing, trading in goods not of own manufacture, construction by own labour
force, revenue from services, etc.) are requested to be reported separately. It should be noted that the statistics for separate activities are not completely consistent since some respondents cannot distinguish, in their records, materials, shipments and inventories relating solely to their own manufacturing activities. For example, inventory of goods purchased for re-sale may not be distinguishable from inventory of own manufactured goods. Complete consistency, therefore, can be obtained only at the "all operations" (total activity) level and for studies or statistical measures requiring accurate coordinated data, the "total" statistics should be used.

The number of establishments represents the number of operating units that are principally engaged in the activities of the manufacturing industries to which they have been classified. These units do not necessarily represent the total number engaged in the production of a commodity mainly produced in a certain industry. Some commadities are produced as secondary products in other manufacturing and non-manufacturing industries. It should be noted that head offices and auxiliary units which are surveyed separately are not included in the establishment count, (see following notes on head offices and auxiliary units).

## Head Offices and Auxiliary Units

All head offices and auxiliary units of companies classified to the manufacturing industries such as sales offices, administrative offices, warehouses, laboratories, etc. are now surveyed as part of the Census of Manufactures.

These head offices and auxiliary units are either included in an establishment report or are surveyed by means of the head office questionnaire. The former is the most common case where a single establishment firm has its executive personnel, sales office, etc. located at the site of the manufacturing plant (establishment). The special head office questionnaire is generally used where a firm, regardless of the number of establishments, has separately located offices or auxiliary units. Such offices or units do not constitute establishments within the Census of Manufactures as they do not normally generate operational revenues, but give rise only to costs of operations (mainly salaries and wages) which are automatically included in the value of shipments or sales. Although not considered as establishments, and hence, not included in the "establishment" count for an industry, the operational costs are reflected in either the "Industry" statistics ( 3 or 4 digit level) or the "Major group" statistics (2 digit level) according to the following rules:
(a) In the case of single establishment firms, statistics for separately located offices and units are classified to the same industry ( 3 of 4 digit) as the establishment;
(b) In the case of multi-establishment tirms, the statistics for such offices and units are coded to the same industry as the establishments of the
firm, when all establishments are in the same industry ( 3 or 4 digit). When establishments of such firms are coded (1) to different industries within a major group, (2) to industries in different major groups or (3) to industries in different divisions of the Standard Industrial Classification, then the statistics are included in the major group totals (2 digit level) in which the major part of the company's operations are classified. Although this may result in some distortion of major group statistics in the case of (2) and (3) the statistics at the industry ( 3 or 4 digit) level in all cases will be left free of these company-wide data.

## Employees

## (a) Production and related workers-Manufacturing activity

In addition to those engaged in production and assembling activities, they include those employed in storing, inspecting, handling, packing, warehousing, etc. They also include employees engaged in maintenance, repair, janitorial and watchman services and line supervisors (working foremen) engaged in similar work to that of the employees they supervise. Production and related workers engaged in manufacturing activity are reported as those receiving pay during the last pay period of each month, an average for the year being obtained by summing the monthly figures and dividing by 12. This procedure is followed even though the establishment did not operate in all months in order to arrive at equivalent annual fulltime employment. The numbers are somewhat affected by turnover, in that employment is overstated when an employee changes employment during a pay period. The man-hours of production and related workers in manufacturing activity represent total man-hours paid (total hours at work during the calendar year plus hours not worked but nevertheless paid for, such as paid vacations, sick leave, statutory holidays, etc.). In reporting overtime hours, respondents are requested to report only hours actually at work. It should be noted that the division of hours paid into production and related workers payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.
(b) Production and related workers - Non-manufacturing activities
Such employees include those on manufacturing establishments" payrolls engaged in activities such as construction undertaken for the use of these establishments, some outside piece-workers employed in certain industries, logging employees who are reported as part of a sawmlling establishment and any other production workers who are not engaged in manufacturing-type operations.

## (c) Administrative and office employees

This category includes all executive and supervisory officials such as presidents, vicepresidents, comptrollers, secretaries, treasurers,
etc., together with managers, professional, technical and research employees, superintendents and factory supervisors above the line supervisot of working foreman level, and clerical staffs, Also included are employees in activities such as advertising, credit collections, purchasing, personnel, legal, medical, etc. It should be noted that prior to 1961 this category also included working owners and partners. Also included in this category are employees located at head offices or auxiliary units separately located from the establishment; these are generally included in the figures for the province in which they are located according to the rules outlined under "Head offlces and auxiliary units" above.

## (d) Sales and distribution worters

This category includes office personnel whose salaries are charged to selling expense, travelling salesmen, driver salesmen, truckdrivers and their helpers, etc. It may also include some sales employees who are reported as part of a manufacturing establishment but are not working at the establishment's location. These are generally broken down by province in cases where more than 15 employees are involved in any one province. The figures exclude persons working on a commission basis who are not considered regular employees of the establishment.

## (e) Total Employees

This total comprises the foregoing categories including employees located at separately located head offices and auxiliary units. The numbers of employees included under categories (b), (c) and (d) are reported in the form of annual averages and represent as closely as possible full time employment; adjustments are made when reported figures indicate the existence of part time or seasonal employment. In all the above categories, figures on employment refer to the calendar year whether or not other establishment statistics can only be reported on a fiscal year other than the calendar year.

## Working Owners or Partners

These are not now included in the statistics of employees and salaries and wages. There is some duplication in numbers when a person owns more than one establishment and is reported as a working owner on each Census return. Withdrawals of working owners defined as amounts withdrawn by owners or partners for normal living expenses excluding withdrawals for payment of income tax.

## Salarles and Wages

Salaries and wages refer to gross earnings of employees before deductions for income tax and employees contributions to social services such as sickness, accident and unemployment insurance, penslons, etc. They include all salaries, wages, bonuses, profits shared with employees, the value of room and board where provided, commissions (paid to regular employees only) as well as any
other allowance forming part of the worker's earnings. Payments for over-time are included. Figures on salaries and wages refer to the calendar year.

## Fuel and Electricity

Figures for fuel refer to amounts actually used (including fuel used in cars, trucks, locomotives, etc.), not to purchases unless the quantities are substantially the same. Any fuel and electricity produced by establishments for internal consumption are not included in the total cost. Values represent laid down cost at the establishment including freight, duty, etc. Although fuel and electricity used is considered part of manufacturing activity it should be noted that it also includes relatively small amounts used in non-manufacturing activities since these cannot be reported separately.

## Materials and Supplies

## (a) Manufacturing activites

Figures represent quantities and laid down cost values, at the establishment, of materials, supplies and purchased components owned and used during the year in manufacturing activities and related processes. These statistics represent only commodity items or physical goods (cost of services or overhead charges such as advertising, insurance, depreciation, etc. are not included) whether purchased from others or received as transfers (in the form of materials, components or semi-processed goods) from other establishments of the reporting company. Included are maintenance and repair supplies not chargeable to fixed assets accounts and any amounts charged by other establishments for work done on materials owned by the reporting establishment. Cost of repairs of maintenance done by outside contractors and cost of returnable containers are not included.
(b) Non-manulacturing activities

## 1. Purchases for re-sale as such

Figures represent cost of materials or products purchased from others by the reporting establishment (or received as transfers from other establishments of the reporting company) for re-sale as such in the same condition as purchased. Included are any tinished products received on consignment from other countries.
2. Other materials and supplies used

Figures represent the cost of materials and supplies, if any, used in new construction and in the production of machinery and equipment (for the use of the reporting establishment) by the establishment's own employees. Included are materials used for any capital repairs and alterations carried out by the establishment's employees. Amounts paid to outside contractors for construction and repair work are not included nor is the cost of purchased machinery and equipment. Also included is the cost of office supplies not chargeable io
fixed assets accounts and the cost of such other items of materials and supplies used as food. beverages and supplies for establishment-operated cafeterias and lunch counters, first aid and medical supplies, laboratory supplies, etc.

## Shipments

## (a) General

The figures represent revenue from all production, sales, services and related activities of reporting establishments with shipments valued in Canadian dollars at the point at which the establishment relinquishes control. The unsold portion at year end of consignment shipments in Canada is treated as inventory and not as shipments but all shipments to foreign countries for which the form B13 "Customs Canada Export Entry" has been completed, are treated as shipments.

In those industries where work on principal products extends over a relatively long period, (Fabricated Structural Metal Industry, Aircraft and Parts Manufacturers, Railroad Rolling Stock Industry and Shipbuilding and Repair Industry) the value of production rather than the value of shipments is recorded. There are certain establishments in other industries which also operate on a basis of progress payments. For these establishments, shipments are also adjusted to work put in place on the basis of the net change in progress payments over the year.
(b) Shipments of goods of own manufacture

These figures represent shipments of goods made from own materials either in the reporting establishments or by other manufacturers on the basis of a charge to the reporting establishments for work done. Included are revenue from repair and custom work, amounts received in payment for work done on materials owned by other establishments and the cost (book value) of any goods shipped on a rental basis.

All products and by-products of own manufacture shipped from the establishment are covered, including transfer shipments to sales outlets, distributing warehouses or to other manufacturing plants of the reporting firm, when such units are treated as separate establishments. The value of shipments are net of returned goods, discounts, returns, allowances, sales tax and excise taxes and duties, retumable containers and charges for outward transportation by common or contract carriers. Transportation or delivery expense incurred by the reporting establishment's own carriers are included.

Shipments of goods of own manufacture of establishments which are coded to some other division of the Standard Industrial Classification (on the basis of principal activity) but which are engaged in manufacturing as a subsidiary activity are collected by means of the Commodity questionaaire referfed to eallier. Such shipments together
with shipments of goods of own manufacture of establishments forming the universe of manufacturing industries are compiled and recorded in the various industry publications.
(c) Shipments of goods not of own manufacture

These figures represent the net selling value at establishment (net of discounts, returns, allowances, sales taxes and excise duties and taxes and transportation charges by common or contract carriers) of all products or materials (including products transferred from other establishments of the reporting firm) sold as such in the same condition as purchased or received as transfers. For those industries which ship such goods on a rental basis, the value of shipments represents the book value of these goods. All sales of consignment goods from other countries are included.

## (d) Other revenue

Figures represent the book value of fixed assets, if any, (new construction and machinery and equipment including major repairs, alterations, additions, modifications, installation and assembly work) produced during the year for the use of reporting establishments by the establishment's own employees and for which depreciation accounts are maintained. Included also are any revenues from the sale of electricity and from any operations performed by the establishment's own employees, such as revenue from goods produced or purchased for rental (the book value of such goods are included as part of shipments of goods of own manufacture or shipments of goods not of own manufacture), servicing revenues, commissions on sales (when not included in value of sales), revenue for companyoperated cafeterias and lunch counters and revenue from outside installation or construction work not related to the establishment's own products, sale of used materials (excluding sale of used fixed assets) research and development work, etc. As mentioned previously the figures do not include non-operating revenue such as rent, dividends, interest, etc.

## inventories

## (a) Manufacturing activities

Values represent the book values of manufacturing inventory owned in Canada. Inventories held for which progress payments have been received are not included. Where progress payment accounts are maintained, the change in these accounts is treated as a net adjustment to shipments. Figures consist of inventory owned at the plant and at warehouses or selling outlets which are treated as extensions of establishments for the purpose of reporting shipments. Inventory owned in transit in Canada or on consignment in Canada is included. Goods shipped abroad and held in inventory are included in shipments. Opening inventories may differ from the closing inventories of the previous year because of changes in classification, the
receipt of revised data, the inclusion of new establishments and the removal of establishments which did not operate during the survey year.
(b) Non-manufacturing activities

Figures represent the book value of inventory of goods purchased for re-sale as such without further processing, owned by the reporting establishments and held at plants and at any warehouses or selling outlets which are treated as extensions of establishments. Other characteristics are the same as in (a) above.

## Value Added

(a) By manufacturing activities

Figures are compiled by deducting the cost of materials and fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process).
(b) By mon-manufacturing activities

The figures are compiled by deducting the the cost of goods purchased for re-sale (adjusted for changes in the value of inventories of goods
purchased for re-sale) and the cost of other materials and supplies used from the value of shipments of goods not of own manufacture, plus other revenue.
(c) By Total activities

The figures consist of value added by manufacturing activities plus value added by non-manufacturing activities. This total value added figure may, in some cases, be less than value added by manufacturing activities as a result of expenditures associated with non-manufacturing exceeding revenues from such activities or because of a decrease in inventory of goods not of own manufacture exceeding the mark-up on the sale of such goods. "Value added" is sometimes referred to as net production. However, to arrive at the National Accounts concept of net production, or Gross Domestic Product at "Factor cost" it would be necessary to subtract also the cost of advertising, insurance and other business expenses which are not collected as part of the annual Census of Manufactures. "Value added" ligures for the primary industries, manufacturing and construction are published in DRS publication Catalogue No. 61-202, "Survey of Production'".


[^0]:    ${ }^{1}$ Excludes children's waists.

