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## THE DYEING AND FINISHING OF TEXTILE GOODS INDUSTRY

1958


Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

Industry and Merchandising Division

## PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a serles of industry reports which are released each year as the compllations are completed. Reports for industries classifled to the Textlle Mills Major Group are listed below, along with current and annual publications of related Interest. Simllar 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, of from the Queen's Printer, Ottawa.
A - Annual Q - Quarterly M - Monthly
Catalogue Title ..... Price number
34-201 General Review of Textile Mills (A) ..... 50
34-202 Awning, Tent and Sall Industry (A) ..... 50
34-203 Cordage, Rope and Twine Industry (A) ..... 50
34-204 Cotton and Jute Bag Industry (A) ..... 50
34-205 Cotton Textile Industries (A) ..... 50
34-206 Dyeing and Finlshing of Textlle Goods Industry (A) ..... 25
34-207 Narrow Fabrics Industry (A) ..... 50
34-208 Synthetic Textiles and Silk Industry (A) ..... 50
34-209 Wool Textile Industries (A) ..... 50
34-210 Miscellaneous Textile Industries (A) ..... 50
34-215 Hosiery and Knitted Goods Industries (A) ..... 50
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34-213 Fur Goods and Fur Dressing Industry (A) ..... 50
34-214 Hat and Cap Industry (A) ..... 50
34-215 Hosiery and Knitted Goods Industries (A) ..... 50
34-216 Men's Factory Clothing Industry (A) ..... 50
34-217 Women's and Childien's Factory Clothing Industries (A) ..... 75
34-218 Miscellaneous Clothing Industries (A) ..... 50
34-001 Quarterly Production of Garments (Q) per year ..... 1.00
31-001 Inventorles, Shipments and Orders in Manufacturing Industries (M) per year ..... 4.00
31-201 General Review of the Manufacturing Industries (A) ..... 2.00
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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 Fon-arded to the Information Services Division, Dominion Bureau of Statistics. or to the Queen's Prinier, Ottawa, Canada.

## EXPLANATORY NOTES

This report is one in a series of ahont 130 publications which present the resulss of the 1958 Census of Manufactures. Most reports in this serles pefer 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, inventories and value added by manufacturing. Details of materials 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 year, if at all possible, and most reports are on this basis. Financlal year reports for perlods differing 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 lirm 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 or more establishments when it carries out operations classlifable to different industries and when separate accounting records are avallable. 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 retall activities carrled on at the plant locatlon, etc., are not included. Plants engaged solely in repair work (except in the case of furniture. shipbuilding, boat bullding, aifcraft and rallway rolling stock industrles) are not included but plants occupled in assembling parts into complete units are included.

## Employees

Administrative and office employees include all executives and supervisory officials 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.

Protuction and rehted 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 retall or wholesale operations, on outside plece 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 not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basts.

## 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 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 frelght, 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 of received 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 of recelved 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 or received 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 received in payment for work done on materials owned by others are included.

In a few industries such as shipbullding, 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 inventorles owned and held at the reporting plant. Figures include inventories held in warehouses of 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 figure is sometimes referred to as net production. ${ }^{1}$

## Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified 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 detall. A modified or short form was introduced in 1949 asking for the total value of shipments only, or 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 curfent 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 industrles 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 DYEING AND FINISHING OF TEXTILE GOODS INDUSTRY 

## 1958

This industry comprises only those establishments whose primary occupation is the dyeing and finishing of textile goods. It does not include manufacturers, who operate a dyeing and finishing plant in connection with their own manufacturing operations.

In 1958 the Dyeing and Finishing of Textile Goods Industry recorded a higher level of activity than in the previous year. The value of work performed amounted to $\$ 15,955,090$, up 5.3 per cent from the $\$ 15,153,396$ reported in 1957. The cost of materials and supplies used by the industry rose 10.3 per cent to $\$ 4,723,232$ in 1958 from the comparable 1957 figure of $\$ 4,282,128$. The number of employees was virtually unchanged, 2,022 in the year under review compared to 2,027 the year before.

Dyeing and finishing of textile fabrics is the principal activity of the industry, and in 1958 this accounted for $\$ 9,238,337$ or 57.9 per cent of the total value of work performed. Bleaching, shrinking, sponging and all other work amounted to $\$ 2,616,515$ or 16.4 per cent; and printing and painting on textile fabrics for $\$ 2,064,262$ or 12.9 per cent. Other activities included dyeing, finishing and mercerizing of
yarns; dyeing and finishing of other products; and rubberizing, mercerizing and waterproofing fabrics.

The industry is located almost entirely in Quebec and Ontario. In 1958, as in 1957, there were 56 firms reporting in the industry, but the provincial distribution was changed somewhat. In Quebec 35 plants were in operation, three less than in 1957; in Ontario 20, three more than the previous year; the remaining firm was located in British Columbia in both years. The firms in Quebec were responsible for the major share of work done with $\$ 11,045,991$ or 69.2 per cent of the total, and with employees numbering 1,487 or 73.5 per cent of all persons so employed.

Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses has been collected as part of the annual Census of Industry. This data was formerly collected by a separate survey. The summarized results for this industry may be found in Table 2.

Table 9A gives details of power installations for this industry for 1958 , representing the results of a special survey made every five years.

TABLE 1. Principal Statistics, Representative Years, 1929-58

| Year and province | Estab-lishments | Employees | Salaries and wages | Cost at factory of fuel and electrici1.y | Cost at factory of materials used | Value added by manufacture | Gross value of work performed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | number |  | dollars |  |  |  |  |
| 1929 | 40404041444547 | 967 | 1.021,752 | 246, 548 | 1,053,505 | 2, 217,454 | 3,517,507 |
| 1932 |  | 762 | 804, 100 | 171, 971 | -619,662 | 1, 745, 715 | 2, 537, 348 |
| 1935 |  | 997 | 1,008, 600 | 241,801 | 1,560,868 | 2,202,065 | 4, 004, 734 |
| 1937 |  | 1,071 | 1, 019, 391 | 231, 610 | 1,535, 898 | 2, 026,808 | 3,794, 316 |
| 1938 |  | 980 | ¢58,698 | 220,644 | 1. 208, 261 | 1,901,375 | 3,330, 280 |
| 1939 |  | 1,082 | 1, 150,668 | 244,037 | 1,667, 878 | 2,015,553 | 3, 927. 468 |
| 1940 |  | 1. 210 | 1, 379, 114 | 294, 600 | 2,010,841 | 2,579,597 | 4, 885, 038 |
| 1941 |  | 1. 587 | 1. 919, 906 | 414, 376 | 3, 226,086 | 3.596, 856 | 7.237. 318 |
| 1942 |  | 1,693 | 2, 274, 715 | 467. 198 | 2, 799, 331 | 4, 830,037 | 8,096,566 |
| 1943 |  | 1,656 | 2, 446, 760 | 517, 124 | 2,981,932 | 5, 509, 861 | 9,008,917 |
| 1944 |  | 1.667 | 2, 516,012 | 547, 036 | 1,266,430 | 5, 137, 881 | 6, 951, 347 |
| 1945 |  | 1.922 | 2, 923,684 | 552, 334 | 1, 581,984 | 6, 196, 990 | 8, 331, 308 |
| 1946 |  | 2. 188 | 3, 409, 389 | 630, 598 | 1, 790,674 | 6, 785,972 | 9, 207, 244 |
| 1947 |  | 2,418 | 4, 504, 975 | 813, 788 | 2, 156,938 | 7,513,908 | 10,484, 634 |
| 1948 |  | 2,713 | 5, 518, 371 | 1, 019,954 | 2, 546,670 | 9, 252, 313 | 12.818,937 |
| 1949 |  | 2,511 | 5, 347, 344 | 877, 333 | 2, 606, 844 | 9, 274, 711 | 12,758, 888 |
| 1950 |  | 2,459 | 5,481,251 | 910, 531 | 2,974,977 | 8, 468, 122 | 12, 353,630 |
| 1951 |  | 2,462 | 5,997,036 | 927, 441 | 3, 492, 222 | 9, 710, 233 | 14, 129,896 |
| 1952 |  | 2,331 | 5, 965, 882 | 957, 133 | 3, 749, 848 | 9, 899, 623 | 14, 606, 604 |
| 1953 |  | 2, 255 | 6, 153, 225 | 844, 294 | 3, 165, 944 | 9, 094, 314 | 13, 104, 552 |
| 1954 |  | 1,940 | 5, 403,283 | 735, 071 | 3,029,934 | 7, 866,533 | 11, 631, 538 |
| 1955 |  | 2,062 | 6, 058,936 | 754, 879 | 4, 121, 238 | 9,496,406 | 14, 281,378 |
| 1956 |  | 2,055 | 6, 131,227 | 861,185 | 4. 275,761 | 9,954,451 | 15, 017, 121 |
| Canada ${ }^{1957}$ |  |  |  |  |  |  |  |
|  | 56 | 2,027 | 6, 393, 066 | 876,396 | 4,282, 128 | 10, 394, 347 | 15, 153, 396 |
| Quebec ............................. | $\begin{aligned} & 38 \\ & 18 \end{aligned}$ | $\begin{array}{r} 1.542 \\ 485 \end{array}$ | $\begin{aligned} & 4,820,142 \\ & 1,572,924 \end{aligned}$ | $\begin{aligned} & 724,573 \\ & 151,823 \end{aligned}$ | $\begin{aligned} & 3,068,058 \\ & 1.214,070 \end{aligned}$ | $\begin{aligned} & 7,697,151 \\ & 2,697,196 \end{aligned}$ | $\begin{array}{r} 11,062,324 \\ 4,091,072 \end{array}$ |
| 1958 |  |  |  |  |  |  |  |
| Canada | 56 | 2,022 | 6,670,997 | 932,521 | 4, 723, 232 | 10, 301, 746 | 13, 935, 090 |
| Quebec | 35 | 1,487 | 4, 938,076 | 749, 594 | 3,003,463 | 7.387, 691 | 11.045, 991 |
| Ontario and British Columbia | 21 | 535 | 1,732, 921 | 182,927 | 1, 719, 769 | 2,914,055 | 4,909,099 |

In 1944 a change was made in the method of compiling the value of materials used and the value of work performed. In that and all subsequent years, the value of materials purchased on own account
has been eliminated from both the value of materials used as well as the products made, the amount received for processing such materials only being considered as the value of products made.

TABLE 2. Inventories, ${ }^{1} 1958$

|  | Raw materials and supplies | $\begin{aligned} & \text { Goods } \\ & \text { in } \\ & \text { process } \end{aligned}$ | Finished goods of own manufacture | Total |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | ars |  |
| Opening: ${ }^{2}$ |  |  |  |  |
| Quebec | 593,000 | 687.825 | 1, 145,851 | 2,426,676 |
| Ontario | 179, 180 | 58,451 | 209,949 | 447,580 |
| Canada. | 772, 180 | 746,276 | 1,355, 800 | $2,874,256$ |
| Closing: |  |  |  |  |
| Quebec | 602, 749 | 601, 743 | 1,326,690 | 2,531,182 |
| Ontario | 224, 164 | 57, 121 | 118,931 | 400,216 |
| Canada | 826,913 | 658,864 | 1,445,621 | 2,931, 398 |

[^1]TABLE 3. Value of Work Performed, 1957 and 1958

| Principal juthes | 1957 | 1958 |
| :---: | :---: | :---: |
|  | Value at plant | Value at plant |
|  | dollars |  |
| Dyeing and finishing of textile fabrics | 8,648,194 | 9,238,337 |
| Dyeing and finishing of yarns | 838.747 | 234,201 |
| Printing and painting on textile fabrics | 1,974,138 | 2,064,262 |
| Dyeing and finishing of other products | 812,804 | $1,368,143$ |
| Rubberizing, mercerizing and waterproofing of fabrics | 301, 464 | 433,632 |
| Bleaching, shrinking, sponging and all other work ........................................ | 2,578,049 | 2,616,515 |
| Total value of work performed | 15,153,396 | 15,955, 090 |

TABLE 4. Materials Used, 1957 and 1958

| Principal materials | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Cost value at plant | Quantity | Cost value at plant |
|  |  | \$ |  | \$ |
| Analine and other dyes: |  |  |  |  |
| Sulphur colours $\qquad$ pound | 7,418 | 7, 005 |  | $49,105$ |
| Direct colours ........................................... | 199,008 | 536,532 128,484 | 182,828 | 476,999 64,084 |
| Indirect colours ...................................... | 47,616 149,038 | 128,484 290 | 15.277 154.226 | 64,084 313,798 |
| Colours used in printing ........................... | 33,421 | 102,922 | 154,256 44,559 | 142,557 |
| Other colours and dyes ........................... | 107,813 | 311,451 | 140,320 | 308,547 |
| Epsom salts ................................................ |  |  | 5,750 | 229 |
| Common salt .............................................. | 3,902,081 | 46,898 | 3,401,099 | 46,501 |
| Glauber's salt | 547, 597 | 20,221 | 523, 769 | 19,264 |
| Soda ash | 795,001 | 20,275 | 785,151 | 18,130 |
| Washing soda | 426,221 | 134, 060 | 4.115 409,075 | 107 719 |
| Soaps .............................................................. | 426,221 | 134,060 | 409,075 | 107,029 |
| Starch ........................................................ | 75,986 | 14,149 | 31,139 | 4,858 |
| Other weighting materials ........................... | 124.212 | 252,937 | - | 246, 063 |
|  | 124,212 | 13,894 | 125,266 | 14, 150 |
| Liquid chlorine ........................................... ${ }^{\text {a }}$ | 16,820 | 3.337 | 10,400 | 1.676 |
| Gasoline and benzine ................................ gallon | 1,885 | 2,699 | 1,075 | 1.200 |
| Alcohol ..................................................... prf. gal. | 5,072 | 5,819 | 635 | 661 |
| Hydrogen peroxide ...................................... pound | 251,214 | 55,639 | 362,043 | 81, 455 |
| Sulphuric acid 660 Bé .................................... | 94,581 | 4,971 | 104,794 | 4,220 |
| Acetic acid | 307.178 | 40,548 | 260,141 | 41,240 |
| Formic acid | 27, 286 | 4,304 | 30,866 | 4,863 |
| Muriatic acid | 98,212 | 3,937 | 76,941 | 3,516 |
| Sulphonated olls ......................................... | 202,624 | 42,386 | 225,524 | 48,108 |
| Carbon Tetrachloride .................................. | 17.794 | 3,458 | 22,875 | 5,122 |
| Trisodium phosphate .................................. | 49,905 | 5,835 | 76. 288 | 24,562 |
| Naphtha ..................................................... gallon |  |  | 29,056 | 7,260 |
| Caustic soda .............................................. ${ }^{\text {a }}$ pound | 274,974 | 17, 102 | 206,983 | 13,907 |
| Other chemicals, not specified | - | 497,932 | - | 629,129 |
| Rubberizing materials ..... | - | 29,748 | - | 37, 114 |
| All other materials ..................................... | - | 1, 496, $179{ }^{3}$ | - | 1,810, $481^{3}$ |
| Packing and shipping materials ................. | - | 189,273 | - | 196,685 |
| Total cost of materials used .............. | - | 4,282,128 | - | 4,723,232 |

[^2]TABLE 5. Employees and their Earnings, by Provinces, 1957 and 1938

|  | Employees |  |  |  |  | Earnings |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Supervisory and office employees |  | Production workers |  | Total | Supervisory and office employees | Production workers | Total |
|  | Male | Female | Male | Female |  |  |  |  |
|  | number |  |  |  |  | dollars |  |  |
| Quebec | 241 | 65 | 1,067 | 169 | 1,542 | 1,419,936 | 3, 400, 206 | 4.820,142 |
| Ontario and British Columbia ..... | 55 | 25 | 1,314 | 91 | , 485 | 420,446 | 1,152,478 | 1.572,924 |
| Canada .................................... | 296 | 90 | 1,381 | 260 | 2,027 | 1,840,382 | 4,552,684 | 6.393,066 |
| 1958 |  |  |  |  |  |  |  |  |
| Quebec $\qquad$ Ontario and British Columbia | 268 66 | 82 29 | 983 334 | 154 | $\begin{array}{r} 1.487 \\ 535 \end{array}$ | $\begin{array}{r} 1,608,916 \\ 449,212 \end{array}$ | $\begin{aligned} & 3,329,160 \\ & 1,283,709 \end{aligned}$ | $\begin{aligned} & 4,938,076 \\ & 1,732,921 \end{aligned}$ |
| Canada ..................................... | 334 | 111 | 1,317 | 260 | 2,022 | 2.058,128 | 4,612,869 | 6,670,997 |

TABLE 6. Production Workers, by Months, 1957 and 1958

|  | 1957 |  |  | 1958 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Male | Female | Total | Male | Female | Total |
|  |  |  | nur |  |  |  |
| January ., | 1.422 |  | 1,670 | 1,264 | 202 | 1,466 |
| February | 1,435 | 240 | 1,675 | 1.260 | 216 | 1,476 |
| March ... | 1,399 | 234 | 1,633 | 1,281 | 218 | 1.499 |
| A pril .............................................................. | 1,365 | 239 | 1,604 | 1.275 | 235 | 1,510 |
| May ............................................................. | 1,369 | 247 | 1,616 | 1.278 | 244 | 1,522 |
| June ............................................................................ | 1,357 | 260 | 1,617 | 1.289 | 259 | 1,548 |
| July ............................................................ | 1.316 | 245 | 1,561 | 1. 283 | 261 | 1.544 |
| August | 1,378 | 255 | 1,633 | 1,347 | 273 | 1,620 |
| September ......................................................... | 1,363 | 280 | 1,643 | 1.362 | 287 | 1,649 |
| October ............................................................ | 1,376 | 295 | 1,671 | 1,370 | 308 | 1,678 |
| November .................................................... | 1,392 | 286 | 1,678 | 1,397 | 313 | 1.710 |
| December ..................................................... | 1,368 | 246 | 1,614 | 1,404 | 303 | 1.707 |
| Average | 1,381 | 260 | 1,641 | 1,317 | 260 | 1,577 |

TABLE 7. Principal Statistics of the Dyeing and Finishing of Textile goods in Canada for 1957 and 1958 grouped according to the Size of Establishments


TABLE 8. Capital, Repair and Maintenance Expenditures, 1946-58

|  |  | Capital expenditures |  |  | Repatr and maintenance expenditures |  |  | Catpital repair and maintenance expenditures |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Year | Construction | $\begin{aligned} & \text { Machinery } \\ & \text { and } \\ & \text { equipment } \end{aligned}$ | Subtotal | Construction | $\begin{gathered} \text { Machinery } \\ \text { and } \\ \text { equipment } \end{gathered}$ | Subtotal | Construction | $\begin{aligned} & \text { Machinery } \\ & \text { and } \\ & \text { equipment } \end{aligned}$ | Total |
|  |  | thousands of dollars |  |  |  |  |  |  |  |  |
| 1946 |  | 102 | 387 | 489 | 415 | $1-1$ | 415 | 517 | 387 | 904 |
| 1947 |  | 422 | 1,261 | 1,683 | 135 | 518 | 653 | 557 | 1,779 | 2,336 |
| 1948 | .... | 385 | 1,074 | 1,459 | 248 | 630 | 878 | 633 | 1,704 | 2,337 |
| 1949 |  | 545 | 1,326 | 1,871 | 103 | 591 | 694 | 648 | 1,917 | 2,565 |
| 1950 |  | . . | . | 819 | . | . . | 616 | 156 | 1,279 | 1,435 |
| 1951 |  | . | . | 1.065 | . | .. | 514 | 245 | 1,334 | 1.579 |
| 1952 |  | . | $\cdots$ | 784 | . | -. | 590 | 130 | 1,244 | 1.374 |
| 1953 |  | . | . | 578 | . | . | 553 | . | . | 1,131 |
| 1954 |  | .. | - | 400 | $\cdots$ | . | 438 | 158 | 659 | 817 |
| 1955 |  | - | .. | 562 | $\cdots$ | . | 580 | 167 | 975 | 1,142 |
| 1956 |  | - | $\cdots$ | 530 | . | . | 426 | . |  | 956 |
| 1957 |  | . | . | 427 | . | $\cdots$ | 532 | . $\cdot$ | $\cdots$ | 959 |
| 1958 | .............. | 144 | 1,053 | 1,197 | 141 | 705 | 846 | 285 | 1,758 | 2,043 |

. Figures not available.

TABLE 9. Consumption of Fuel and Electricity, 1957 and 1858

| kinds of fuel | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Cost value at factory | Quantity | Cost value at factory |
|  |  | \$ |  | \$ |
| Bituminous coal ...................................................... ${ }^{\text {c. }}$ to. | 18,805 | 247,845 | 14,586 | 226,161 |
| Gasoline (including gasoline used in cars and trucks) Imp. gal. | 43,743 | 24,222 | 66. 436 | 28,152 |
| Fuel oil .................................................................... | 3,295,981 | 371.796 | 3,742,633 | 353,246 |
| Natural gas ............................................................. M cu. ft. | 2,688 | 1,656 | 18,608 | 8,222 |
| Other fuel | - | 31.538 | - | 51,631 |
| Total cost of fuel | - | 677,057 | - | 667,412 |
| Electricity purchased (including service charges).... kwh. | 12,952,992 | 199.339 | $22,418,505$ | 265.109 |
| Total cost of fuel and electricity .......................... | - | 876,396 | - | 932,521 |

TABLE 9A. Power Installation, 1958

| Type of equipment | Not driving generators |
| :---: | :---: |
|  | horsepower |
| Prime movers: |  |
| Steam engines | 300 |
| Steam turbines | 120 |
| Casoline, gas and oil engines, other than diesel engines | 100 |
| Electric: motors (one-quarter horse-power and over) | 9,954 |
| Tutals | 10,474 |

## APPENDIX

## List of Firms in the Dyeing and Finishing of Textile Goods Industry. 1958



## Ontario:

Ajax Textile Processing Co. Ltd.
Armstrong Dye Works
Atlas (Toronto) Sponging Ltd.
Canadiana Textile Print Works Ltd
Continental Dye Works Ltd
Cutler Designs Ltd.
Duncan Textile Mills
Farquhar \& Son Textile Printing
Gibson Dyers \& Converters Ltd
Hespeler Fabricators Ltd
Holdsworth and Adam Cloth Finishers Ltd.
Hughes \& Co. Ltd.
Kroy Unshrinkable Wools, Ltd.
Matthewman \& Son, R.W. Ltd.
Resin - Tex Ltd
Summit Dyeing Co. Ltd.
Textral Fibres Ltd.
Toronto Dyeing and Finishing Works Ltd.
Toronto Pile Fabric Blenders
Trenton Dyeing \& Finishing Co. Ltd.

## Pritish Columbia:

Suda Textile Printing

358 St. Peter St., Montreal 372 St. Catherine St. West, Montreal 144C Laurier St., St. Johns Huntingdon
372 St. Catherine St. West, Montreal 95 Port Royal, W. , Montreal
4790 St. Ambroise St., Montreal
(Head office 400 Ontario St., Montreal)
35 Heriot St., Drummondville
423 Mayor St., Montreal
9774-57th AVe., Riviére-des-Ptairies
2100 Victoria St., Lachine
6901 Jeanne-Mance St., Montreal
74 Turgeon St., Montreal
3575 St. Lawrence Blvd., Montreal
9075 st. Urbain St., Montreal
5514 St. Dominique, Montreal
2050 Bleury St. . Montreal
50 Port Royal W., Montreal 12
140 Mercier St., St. Johns, Iberville Co.
1245 St. Urbain St., Montreal
25 Aristide St.. St. Hyacinthe
$425-21$ st Ave., Lachine
10 Ontario St. West, Montreal
Huntingdon
9500 St. Lawrence Blvd., Montreal
4030 Notre Dame St. W., Montraa:
251 St. Pierre St. N., Joliette
987 Coté St., Montreal
4821 Rouen St., Montreal
8031 - 18th Ave., Ville St-Mi hat
990 Morison St., St. Hyacinthe
425 River St., Montreal
425 River St., Verdun
2050 Bleury St., Montreal
475 Fortune St., Montreal

First Street, Ajax
84 Simcoe Street, West Hamilton
48 Abell st. Toronto 3
801 King St. W., Toronto 2B
58 Jarvis St., Toronto
126 Geary Ave., Toronto
Ceylon
107 Front St. E., Toronto
1319 Davenport Rd. . Toronto
215 Queen St. W., Hespeler
48 Abell St. Toronto
786 King Street West, Toronto 2 B 53 Shew St., Toronto
227 Sterling Road, Toronto 3
40 Phelps St., St. Catharines
471 Adelaide St. W., Toronto
(Head office 590 King St. W., Toronto) 20 Arthur St. N., Elmira
Rear, 376 Dufferin St., Toronto
469 King St. W., Toronto 2B
52 Film Street, Trenton

151 West Hastings, 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. publication 61-202, Survey of Production.

[^1]:    ${ }^{1}$ 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 inclusion of new firms and the removal of figures for firms which did not operate during 1958.

[^2]:    ' Included in "Other weighting materials".
    2 Included in "Other chemicals, not specified"

    - Includes, operating, maintenance and repair supplies.

