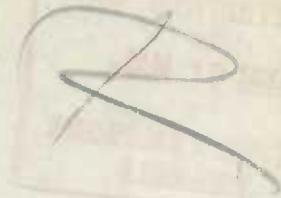


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Minister of Trade and Commerce.



CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

REPORT
ON THE
BUTTON, BUCKLE
AND FASTENERS INDUSTRY

IN

CANADA

1942



OTTAWA
1944

Price 15 cents

605-54

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH
OTTAWA - CANADA

Dominion Statistician: S. A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.
Chief, General Manufactures Branch: A. Cohen, B.Com.

THE BUTTON, BUCKLE, AND FASTENERS INDUSTRY IN CANADA, 1942.

There were twenty-seven establishments in Canada in 1942 engaged principally in the production of buttons, buckles, and fasteners, etc. Seventeen of these establishments were located in the province of Quebec and 10 in Ontario. The industry as a whole reported a capital investment in fixed and current assets of \$2,409,-739 and a value of production of \$3,665,111. Persons employed numbered 1,133 and salaries and wages paid \$1,197,572.

The output of the button industry was slightly higher in 1942. Compared with the previous year there was an increase of \$466,196 or 14 per cent in the gross value of production, and \$132,767 in the amount of salaries and wages paid, although there were actually 11 less persons employed. The physical volume of production was also higher, the output of buttons of all kinds having increased from 7,074,727 gross in 1941 to 7,361,872 gross in 1942.

Buttons, of plastic materials, to the value of \$858,891 was the most important single item of production in 1942. Moulded buttons valued at \$519,953 and metal buttons valued at \$462,844 comprised the other principal items. For details of products made, see Table 3.

Referring to Table 2 it may be noted that the 7 largest establishments represented a capital investment of \$1,995,030 or 83 per cent of the total. The output of these establishments was valued at \$3,078,183 or 84 per cent of the total and employed 849 persons or 75 per cent of the total number.

Employment in this industry is fairly uniform throughout the year, there being no marked seasonal variations. Of the wage-earners employed in 1942, 517 or 55 per cent were males, as compared with a male employment of 570 or 60 per cent of the total wage-earners in 1941. The average salary in 1942 amounted to \$1,761 being \$103 more than in 1941 and the average wage paid in 1942, \$915 was \$126 more than the 1941 average.

THE BUTTONS, BUCKLES AND FASTENERS INDUSTRY IN CANADA, 1942.

Table 1. - Principal Statistics of the Buttons, Buckles and Fasteners Industry,
1931 - 1942.

| Year and Province | Establishments Reporting | Capital Invested | Employees | Salaries and Wages | Cost of Materials Used | Gross Value of Production |
|-------------------|--------------------------|------------------|-----------|--------------------|------------------------|---------------------------|
| | | | | | | No. |
| 1931 | 11 | 1,177,573 | 413 | 353,105 | 217,510 | 773,710 |
| 1932 | 14 | 1,218,881 | 458 | 369,721 | 281,329 | 991,754 |
| 1933 | 18 | 1,326,745 | 568 | 434,561 | 389,858 | 1,135,624 |
| 1934 | 17 | 1,455,681 | 640 | 501,379 | 466,935 | 1,298,914 |
| 1935 | 17 | 1,429,340 | 699 | 542,015 | 477,788 | 1,370,706 |
| 1936 | 18 | 1,364,317 | 800 | 630,576 | 522,570 | 1,467,414 |
| 1937 | 21 | 1,432,343 | 839 | 670,814 | 634,647 | 1,590,442 |
| 1938 | 21 | 1,579,532 | 736 | 572,858 | 498,674 | 1,338,583 |
| 1939 | 24 | 1,850,892 | 811 | 662,403 | 598,352 | 1,697,788 |
| 1940 | 22 | 1,877,541 | 988 | 887,602 | 1,025,774 | 2,524,388 |
| 1941 | 25 | 2,312,517 | 1,144 | 1,064,805 | 1,274,223 | 3,198,915 |
| <u>1942</u> | | | | | | |
| Quebec | 17 | 1,044,177 | 659 | 654,761 | 903,632 | 2,095,964 |
| Ontario | 10 | 1,365,562 | 474 | 542,811 | 461,000 | 1,569,147 |
| CANADA | 27 | 2,409,739 | 1,133 | 1,197,572 | 1,364,632 | 3,665,111 |

Profits or losses cannot be estimated from Census figures as no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, advertising.

Table 2. - Principal Statistics of the Buttons, Buckles and Fasteners Industry in Canada Grouped According to the Size of Establishment, 1942.

| Establishments having a production of | Establishments | Capital Invested | Employees | Salaries and Wages | Cost of Materials Used | Gross Value of Production | | | |
|---------------------------------------|----------------|------------------|-----------|--------------------|------------------------|---------------------------|----|-----|----|
| | | | | | | No. | \$ | No. | \$ |
| <u>1942</u> | | | | | | | | | |
| Under \$5,000 | 5 | 18,234 | 11 | 7,282 | 4,108 | 11,270 | | | |
| \$5,000 to \$25,000 .. | 6 | 100,424 | 34 | 30,769 | 31,792 | 79,525 | | | |
| \$25,000 to \$50,000 .. | 5 | 105,121 | 80 | 71,233 | 81,737 | 188,315 | | | |
| \$50,000 to \$100,000 .. | 4 | 190,930 | 159 | 125,973 | 84,822 | 307,818 | | | |
| \$100,000 to \$500,000 .. | 4 | 721,365 | 350 | 351,817 | 303,360 | 913,457 | | | |
| \$500,000 to \$1,000,000 .. | 3 | 1,273,665 | 499 | 610,498 | 858,813 | 2,164,726 | | | |
| TOTAL | 27 | 2,409,739 | 1,133 | 1,197,572 | 1,364,632 | 3,665,111 | | | |

THE BUTTONS, BUCKLES AND FASTENERS INDUSTRY IN CANADA, 1942.

Table 3. - Production, 1941 and 1942.

| Principal Products | Unit of Measure | 1941 | | 1942 | |
|---|-----------------|-----------|---------------|-----------|---------------|
| | | Quantity | Selling Value | Quantity | Selling Value |
| Buttons, moulded | Gross | (1) | (1) | 2,487,251 | 519,953 |
| " pearl and fresh | " | | | | |
| water pearl | " | 1,025,513 | 459,013 | 704,105 | 348,731 |
| " of plastic materials | " | 1,510,436 | 733,027 | 1,697,674 | 858,891 |
| " metal | " | 1,400,918 | 417,891 | 1,865,310 | 462,844 |
| " covered | " | 42,892 | 19,173 | 43,280 | 30,986 |
| " celluloid x | " | 50,045 | 71,219 | 63,930 | 125,551 |
| " all other, fibre, moulded, leather, vegetable ivcry, etc. | " | 3,044,923 | 676,238 | 500,322 | 292,248 |
| Buckles, of all kinds x | - | - | 56,129 | - | 63,060 |
| Fasteners, zipper x | - | - | 43,567 | (2) | (2) |
| Fasteners, all other x | - | - | 124,721 | - | 151,778 |
| Clips and other ornaments x .. | - | - | 39,820 | - | 43,568 |
| Pins | - | - | 99,531 | - | 33,500 |
| All other products | - | - | 266,420 | - | 271,494 |
| Amount received for custom work | - | - | 192,166 | - | 462,507 |
| TOTAL VALUE OF PRODUCTION | - | - | 3,198,915 | - | 3,665,111 |

x The figures in the above table do not represent the total production in Canada, as this product is also manufactured in other industries. For total production figures, see "Alphabetical List of Products Manufactured in Canada" published annually by the Bureau.

Table 4. - Materials Used, 1941 and 1942.

| Principal Materials | Unit of Measure | 1941 | | 1942 | |
|--|-----------------|----------|------------------|-----------|------------------|
| | | Quantity | Cost Value | Quantity | Cost Value |
| | | \$ | \$ | | \$ |
| Pearl, shell | lb. | (x) | (x) | 32,231 | 12,799 |
| Vegetable ivory nuts | " | 957,707 | 32,351 | (x) | (x) |
| Plastic materials (artificial horn, galalith, lactoid, casein, bakelite, catalin). | " | 531,493 | 191,863 | 499,574 | 201,237 |
| Celluloid | " | 43,892 | 23,982 | 40,565 | 20,297 |
| Iron and metal | - | - | 105,659 | - | 87,488 |
| Flanks | gross | 846,999 | 178,846 | 1,029,380 | 157,062 |
| All other materials | - | - | 716,170 | - | 857,257 |
| Containers and shipping materials | - | - | 25,352 | - | 28,492 |
| TOTAL COST OF MATERIALS USED | - | - | 1,274,223 | - | 1,364,632 |

(x) Less than 3 establishments reporting - included under "All other Materials".

THE BUTTON, FUCLES AND FASTNERS INDUSTRY IN CANADA, 1942.

Table 5. - Capital Invested, 1931 to 1942.

| Year and Provinces | Fixed Capital | Working Capital | | Total Capital |
|--------------------------------|--|--|---|---------------|
| | Lend, buildings fixtures, machinery, tools, etc. | Stocks of raw materials and finished products on hand, goods in process, fuel and miscellaneous supplies, etc. | Cash, bills and accounts receivable, prepaid expenses, etc. | |
| 1931 | 721,885 | 300,446 | 155,242 | 1,177,573 |
| 1932 | 730,517 | 269,463 | 218,901 | 1,218,881 |
| 1933 | 716,803 | 324,972 | 284,970 | 1,326,745 |
| 1934 | 784,533 | 410,060 | 261,088 | 1,455,681 |
| 1935 | 874,811 | 361,031 | 193,498 | 1,429,340 |
| 1936 | 738,344 | 384,404 | 236,569 | 1,364,317 |
| 1937 | 757,389 | 501,720 | 173,234 | 1,432,343 |
| 1938 | 752,041 | 492,614 | 334,877 | 1,579,532 |
| 1939 | 760,579 | 588,614 | 501,699 | 1,850,892 |
| 1940 | 808,351 | 646,340 | 422,850 | 1,877,541 |
| <u>1941</u> | | | | |
| CANADA | 1,077,038 | 742,480 | 492,999 | 2,312,517 |
| Quebec | 390,251 | 364,657 | 176,197 | 931,105 |
| Ontario and British Columbia . | 686,787 | 377,823 | 316,802 | 1,381,412 |
| <u>1942</u> | | | | |
| CANADA | 1,123,114 | 750,217 | 536,408 | 2,409,739 |
| Quebec | 452,295 | 389,487 | 202,395 | 1,044,177 |
| Ontario | 670,819 | 360,730 | 334,013 | 1,365,562 |

Employment

Table 6. - Employees, Salaries and Wages, 1941 and 1942.

| | 1941 | | | 1942 | | |
|---|------|--------|--------------------|------|--------|--------------------|
| | Male | Female | Salaries and Wages | Male | Female | Salaries and Wages |
| | No. | No. | \$ | No. | No. | \$ |
| Employees on salaries | 141 | 45 | 308,423 | 143 | 47 | 334,603 |
| Employees on wages (average number) | 570 | 388 | 756,382 | 517 | 426 | 862,969 |
| TOTAL | 711 | 433 | 1,064,805 | 660 | 473 | 1,197,572 |

THE BUTTONS, BUCKLES AND FASTENERS INDUSTRY IN CANADA, 1942.

Table 7. - Wage-earners by Months, 1941 and 1942.

| | 1941 | | | 1942 | | |
|--|-------------|---------------|--------------|-------------|---------------|--------------|
| | Male No. | Female No. | Total No. | Male No. | Female No. | Total No. |
| January | 534 | 356 | 890 | 526 | 418 | 944 |
| February | 559 | 367 | 926 | 524 | 421 | 945 |
| March | 566 | 366 | 932 | 526 | 418 | 944 |
| April | 540 | 362 | 902 | 557 | 429 | 986 |
| May | 536 | 369 | 905 | 532 | 438 | 970 |
| June | 544 | 366 | 910 | 540 | 430 | 970 |
| July | 578 | 377 | 955 | 519 | 431 | 950 |
| August | 593 | 412 | 1,005 | 519 | 427 | 946 |
| September | 586 | 424 | 1,010 | 509 | 426 | 935 |
| October | 601 | 419 | 1,020 | 485 | 431 | 916 |
| November | 602 | 419 | 1,021 | 481 | 429 | 910 |
| December | 602 | 415 | 1,017 | 471 | 414 | 885 |
| Total | 6,841 | 4,652 | 11,493 | 6,189 | 5,112 | 11,301 |
| Average number employed during the year | 570 | 388 | 958 | 517 | 426 | 943 |

Table 8. - Average Weekly Earnings and Number of Wage-earners in the month of
Highest Employment, and their Regular Hours of Work, 1941 and 1942.

| Number of Hours Worked per Week | 1941 | | 1942 | |
|------------------------------------|-------------|---------------|-------------|---------------|
| | Male No. | Female No. | Male No. | Female No. |
| 30 hours or less | 12 | 8 | 15 | 12 |
| 31-43 hours | 38 | 25 | 16 | 32 |
| 44 hours | 18 | 19 | 7 | 21 |
| 45-47 hours | 36 | 92 | 16 | 74 |
| 48 hours | 163 | 126 | 171 | 148 |
| 49-50 hours | 32 | 12 | 39 | 47 |
| 51-54 hours | 57 | 27 | 31 | 3 |
| 55 hours | 163 | 85 | 146 | 88 |
| 56-64 hours | 82 | 30 | 18 | 4 |
| 65 hours and over | 16 | - | 130 | 38 |
| Average hours per week .. | 51.1 | 48.8 | 54.3 | 49.6 |
| Average weekly earnings .. | \$18.56 | \$13.13 | \$21.77 | \$13.41 |

THE BUTTONS, PUCKLES AND FASTNERS INDUSTRY IN CANADA, 1942.

Fuel Consumption

Table 9. - Fuel Consumption, 1941 and 1942.

| Kinds of Fuel | Unit of Measure | 1941 | | 1942 | |
|---|-----------------|-----------|------------|-----------|------------|
| | | Quantity | Cost Value | Quantity | Cost Value |
| | | | \$ | | \$ |
| Pituminous coal | Ton | 1,880 | 13,623 | 2,031 | 20,000 |
| Anthracite coal | " | 30 | 223 | - | - |
| Gasoline | Imp. Gal. | 2,250 | 703 | 30 | 10 |
| Fuel oil | " " | 42,183 | 3,972 | 12,366 | 1,340 |
| Gas | M. cu. ft. | 2,838 | 2,377 | 2,106 | 2,039 |
| Electricity | - | 1,864,776 | 25,983 | 1,599,750 | 25,979 |
| TOTAL COST OF FUEL AND ELECTRICITY | - | - | 46,881 | - | 49,368 |

Table 10. - Power Equipment, 1941 and 1942.

| Classes of Power | Ordinarily in Use | | In Reserve or Idle | |
|--|-----------------------|--|-----------------------|--|
| | Number of Units | Manufacturer's Rating of Horse-power Capacity | Number of Units | Manufacturer's Rating of Horse-power Capacity |
| <u>1941</u> | | | | |
| Steam engines and steam turbines | 1 | 6 | - | - |
| Hydraulic turbines or water wheels | 7 | 42 | - | - |
| Electric motors operated by purchased power | 356 | 1,136 | 5 | 11 |
| TOTAL POWER USED IN MANUFACTURING | 364 | 1,184 | 5 | 11 |
| Boiler installation | 7 | 290 | 1 | 60 |
| <u>1942</u> | | | | |
| Steam engines and steam turbines | 1 | 6 | - | - |
| Hydraulic turbines or water wheels | - | - | - | - |
| Electric motors operated by purchased power | 348 | 1,125 | 10 | 68 |
| TOTAL POWER USED IN MANUFACTURING | 349 | 1,131 | 10 | 68 |
| Boiler installation | 6 | 320 | 2 | 110 |

THE BUTTONS, FICKLES AND FASTENERS INDUSTRY IN CANADA, 1942.

APPENDIX

Firms Manufacturing Buttons, Buckles and Fasteners in Canada, 1942.

QUEBEC

| | | |
|---|--|------------|
| Canadian Buttons Limited | 1850 St. Antoine Street, Montreal | B. & O. P. |
| Ginn Brothers, Reg'd. | 686 Notre Dame Street West, Montreal | B. & F. |
| Governor Fastener Co. Reg'd. | 1030 St. Alexander Street, Montreal | F. |
| Ideal Button Company | Rm. 23, 1193 Phillips Place Bldg., Montreal | B. & F. |
| Jiffy Join Inc. | 649 Notre Dame St. West, Montreal | F. |
| Modern Art Works | 51 St. Andre St., Longueuil | F. & O. P. |
| Mack Molding, Limited | 33 Taylor Street, Waterloo | B. & O. P. |
| Meteor Manufacturing Ltd. | 1170 St. Antoine Street, Montreal | F. |
| Montreal Ornament & Button Mfg. Co. | 2025 St. Lawrence Blvd., Montreal | B. & O. P. |
| New Ornament and Jewellery Co. | 58 Mount Royal East, Montreal | O. P. |
| Patent Button Company Limited | 2210 Parthenais Street, Montreal | D. |
| Pearl Button Manufacturing Company of Canada Limited | Ste. Therese | |
| Premier Button & Buckle Co. | 1485 Bleury Street, Montreal | B. & F. |
| Rapid Button Service Co. | 1408 Bleury Street, Montreal | B. |
| Stein Button Company | 745 St. Maurice Street, Montreal | B. |
| Universal Ornament & Buckle Mfg. Co., Limited | 540 Beaudry Street, Montreal | B. |
| United Buckle and Ornament Mfg. Co. | 333 Notre Dame St. East, Montreal | B. & O. P. |

ONTARIO

| | | |
|--|--------------------------------|------------|
| Button Sales Limited | 125-33 Niagara Street, Toronto | B. |
| Capital Ornament Co. | 116 Spadina Avenue, Toronto | F. & O. P. |
| Dominion Button Manufacturers Ltd. | 57 Water St. North, Kitchener | B. |
| Dominion Fastener of Canada | 1040 Shaw Street, Toronto | F. |
| Kitchener Buttons Limited | 70 Victoria St., N., Kitchener | B. & O. P. |
| Mitchell Button Company Limited | 97 Victoria Street, Kitchener | B. |
| Schnarr, Geo. | 141 King St. East, Kitchener | B. & F. |
| Toronto Button Company Limited | 110 Spadina Avenue, Toronto | B. & O. P. |
| Universal Button Fastening & Button Company of Canada Limited | 1076 Walker Road, Walkerville | B. & F. |
| York Button Company | 604 King Street West, Toronto | B. |

Code for Products Made

B - Buttons

F - Fasteners and Buckles

O.P. -- Other Products

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