

THE SYNTHETIC TEXTILES

AND
SILK INDUSTRY

IN
CANADA
1947

# DOMINION BUREAU OF STATISTICS 

DEPARTMENT OF TRADE AND COMMERCE

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AND<br>SILK INDUSTRY

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## THE SYMTHETIC IEXTIES AND SIEX INDUSTRY IN CANADA, 1947

This industry is identical with that previously entitled "Artificial and Real Silk". The term "Artificial" has been discarded in favour of the designation "Synthetic" which is considered more aptly descriptive of the processes used in and the products manufactured by the industry.

During 1947 the amount of silk used in this industry was, as in recent years, a negligible quantity and the statistics presented in this report are concerned almost entirely with the production of the three main types of synthetic yarms, namely, viscose rayon, acetate rayon and nylon, and the spinning and weaving operations of firms whose materials are largely these. Considerable quantities of continuous filament rayon yarn and rayon staple fibre are consumed by mills which, because their output is predominantly cotton yarn and fabric, have been assigned to the Cotton Yarn and Cloth Industry. Here the rayon staple fibre is spun into yarn on the cotton systems and the continuous filament and the spun rayon yarn woven into fabrics of all continuous filament rayon, all spun rayon, or a mixture of one or the other with cotton. The produc tion of the cotton mills is not included in this report, For total production of synthetic textiles in Canada reference should be made to the "Alphabetical List of Products Manufactured in Canada" which is shown as an appendix to all annual reports on the "Manufacturing Industries of Canada".

In 1947 reports were received from forty estabiishments, four more than in the previous year. Thirty of these were located in quebec, nine in Ontario, and one in New Brunswick.

The industry operated at a substantially higher level in the year under review than in 1946. Its gross value of production amounted to $\$ 84,869,922$, an increase of $\$ 19,348,855$ or 29,5 per cent as compared with the previous yearo Pmployment was furnIshed to 14,728 persons, 1,628 or 12.5 per cent more than in 1946 and the payroll, $\$ 24,284,463$, represented an additional disbursement of $\$ 5,394,342$ or 28.5 per cent. The cost of materials used, $\$ 32,659,919$, exceeded that reported for 1946 by $\$ 8,560,446$ or 35.5 per cent.

Woven fabrics were produced to the extent of $79,168,849$ yards worth $\$ 52,100,068$, thus accounting for 61,4 per cent of the gross value of production. labric woven entirely from continuous filament synthetic yam amounted to $55,914,795$ yards valued at $\$ 35,290,932$, a substantial increase over 1946 when production of the same item was reported as $51,586,742$ yards with a value of $\$ 28,485,906$. F'abrics of spun rayon (including spun rayon mixtures) were produced to a somewhat lesser amount in 1947 than in 1946 , the production of the two years being $12,542,051$ yards and $15,721,196$ yards, respect 1:ely.

Purchased yarn continued to be the leading material used by the industry and in 1947 was consumed in the following quantities: continuous filament viscose, acetate and bemberg, $11,340,980$ pounds worth $\$ 10,312,370$; spun rayon (including spun rayon mixtures), $4,266,915$ pounds worth $\$ 2,894,056 ;$ nylon, 355,907 pounds worth $\$ 1,192,487$; and cotton, $2,199,918$ pounds worth $\$ 1,722,064$ Rayon staple fibre was used to the extent of $6,995,614$ pounds having a value of $\$ 2,255,873$. Dyestuffs, chemicals, etc. used cost $\$ 3,342,418$, the large total being partly due to the use of chemicals in the conversion of wood pulp, etc., into synthetic fibre and yarn.

## THE SYTHETIC TEXTIL

In 1947 the imports of silk and synthetic fibres, yarns and fabrics totalled in value $\$ 34,054,925$, which amount was $\$ 11,068,692$ or 48.2 per cent in excess of the 1946 figure, The increase was largely attributable to the substantially enlarged importation of fabrics. Rayon staple fibre imports stood at 12,507,870 pounds worth $\$ 4,121,285$, this being an increase of $3,054,077$ pounds in the volume and $\$ 1,262,194$ in the value over the previous year.

For complete details of imports and exports, reference should be made to Tables 13 and 14 of this report.

Table $l_{0}=$ Principal Statistics, Representative Years, 1923 to 194 ?

| Year | Estab-lishments | Capital <br> Invested | Employees | Salaries and Wages | Cost of Materials Used | Gross <br> Value of Production |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1923 | $\mathrm{NO}_{7}$ | $4 ; 594,313$ | $\begin{gathered} \mathrm{NO}_{\circ} \\ 1 ; 457 \end{gathered}$ | $1,224,036$ | $\begin{gathered} \$ \\ 2,677,229 \end{gathered}$ | $5,044 ; 968$ |
| 1929 | 23 | 28,278,657 | 4,372 | 3,825,796 | 6,091,124 | 14,476,080 |
| 1932 | 24 | 28,021,412 | 7,036 | 5,756,865 | 7,858,104 | 19,864,843 |
| 1935 | 33 | 35,063,023 | 10,088 | 8,371,037 | 10,946,739 | 28,045,340 |
| 1937 | 29 | 34,135,176 | 10,246 | 9,099,437 | 10,453,196 | 27,871,292 |
| 1938 | 28 | 31,780,203 | 8,922 | 8,147,841 | 8,882,157 | 23,871,992 |
| 1939 | 26 | 32,343,433 | 8,221 | 7,972,404 | 9,872,472 | 25,440,527 |
| 1940 | 27 | 38,615,058 | 8,512 | 8,757,474 | 11,662,908 | 31,207,809 |
| 1941 | 30 | 42,690,766 | 10,140 | 11,005,770 | 15,855,842 | 41,549,845 |
| 1942 | 33 | 50,279,255 | 11,088 | 13,039,579 | 18,339,710 | 48,055,557 |
| 1943 | 33 | 50,361,261 | 10,920 | 13,714,158 | 19,454,469 | 50,440,088 |
| 1944 | 32 | (1) | 11,315 | 14,963,589 | 19,824,898 | 52,367,357 |
| 1945 | 33 | (1) | 11,950 | 16,187,441 | 20,198,948 | 55,118,613 |
| 1946 |  |  |  |  |  |  |
| CANADA . | 36 | (1) | 13,100 | 18,890,121 | 24,099,473 | 65,521,067 |
| Quebec | 27 | = | 9,105 | 12,814,308 | 17,245,790 | 44,451,338 |
| Ontario and |  |  |  |  |  |  |
| New Brunswick. $1947$ | 9 | - | 3,995 | 6,075 | 6,853,683 | , |
| CANADA | 40 | (1) | 14,728 | 24,284,463 | 32,659,919 | 84,869,922 |
| Quebec........ | - 30 | - | 10,388 | 16,644,510 | 23,122,953 | 56,965,970 |
| Ontario and New Brunswick. | , 10 | - | 4.340 | 7.639 .953 | 9,536,966 | 27,903,952 |

## (1) Information has not been collected since 1943,

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

## SYNTHETIC TEXTILES AND SILK INDUSTRY IN CANADA, 1942

Table 2. - Comparison of Principal Statistics, 1946 and 1947

| Items |  | 1946 | 1947 |  | Increase Decrease |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Establishments reporting | No. | 36 | 40 | + | 4 |
| Employees on salaries: |  |  |  |  |  |
| Total | No, | 1,395 | 1,627 | + | 232 |
| Male | No. | 872 | 1,049 |  | 177 |
| Female | No. | 523 | 578 | + | 55 |
| Total salaries | \$ | 3,782,939 | 4,719,413 | + | 936,474 |

## Employees on wages:

| Monthly average | No. | 11,705 | 13,101 |  | 1,396 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Male | No. | 7.474 | 8,451 | + | 977 |
| Female | No. | 4,231 | 4,650 | + | 419 |
| Total wages | \$ | 15,107,182 | 19,565,050 | + | 4,457,868 |

Power equipment:

| Units | No. | 28,797 | 30,099 | + | 1,302 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Horsepower capacity | H.P. | 49,177 | 54,731 | + | 5,554 |



## SYNTHETIC TEXTIUES AND SILK INDUSTRY IN CANADA, 1947

Table 3. - Production, 1946 and 1947

| Principal <br> Products | Unit of Measure | 1946 |  | 1947 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Quantity | Selling <br> Value at <br> Factory | Quantity | Selling Value at Factory |
| Woven Fabrics: |  |  | \$ |  | $\$$ |
| All silk \& mixtures containing silk | - Yd. | 33,098 | 73,176 | 91,580 | 151.450 |
| All continuous filament synthetic yarn <br> All spun ravon | . | $51,586,742$ $8,739,744$ | $28,485,906$ $3,911,569$ | $55,914,795$ $6,183,062$ | $\begin{array}{r} 35,290,932 \\ 3.134 .384 \end{array}$ |
| All spun rayon <br> All cotton | - | $8,739,744$ 787,154 | $3,911,569$ 594,761 | $6,183,062$ 817,404 | $\begin{array}{r} 3,134,384 \\ 763,64,6 \end{array}$ |
| Continuous filament synthetic yarn mixtures .... | . | 6,056,241 | 4,720,036 | 6,115,202 | 4,929,687 |
| Spun rayon mixtures ....... | . | 6,981,452 | 3,790,053 | 6,358,989 | 4,555,929 |
| All other woven fabrics ... | . | 1,984,085 | 1,420,712 | 3,687,817 | 3,274,040 |
| Yarn and thread: |  |  |  |  |  |
| Silk, including mixtures.. | - Lb. | 10,602 | 97,863 | 10,654 | 64,093 |
| Synthetic singles ......... |  | 14,252,825 | 12,727,313 | 16,952,277 | 16,451,635 |
| Rayon, thrown ............. | , | 542,779 | 587,477 | 3,098,645 | 3,111,420 |
| Nylon, thrown .............. | - " | 662,436 | 2,463,785 | 1,030,137 | 3,482,861 |
| Spun rayon, including mixtures | . 1 | 2,936,597 | 2,057,079 | 3,795,480 | 2,721,627 |
| All other yarns and threads | . | 219,570 | 301,706 | 953,188 | 1,597,373 |
| Waste | Lb, | 889,859 | 130,378 | 973,892 | 137,047 |
| All other products | . - | - | 2,282,849 | - | 2,852,234 |
| Custom and commission work ... | - | $=$ | 1,876,404 | - | 2,351,564 |
| Total value of products ... |  | - | 65,521,067 | - | 84,869,922 |

General Note:
The itens of production enumerated in the above table do not necessarily represent the entire output for the Lominion, as some of them are also manufactured in other industries, particularly in the Cotton Yarn and Cloth Industry. For the total Canadian production reference should be made to the Appendix to the publication entitled "The Manufacturing Induse tries of Canada", published annually by the Bureau.

## SYNHHEIIC TLXTILES ARLS SILK INLUSTRY IN CANALA, 1947 <br> Table 4. - Materials Used, 1946 and 1947

| Principal Materials | Unit of Measure | 1946 |  | 1947 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Quantity | Cost Value at Factory | Quantity | Cost Value At Factory |
|  |  |  | \% |  | \$ |
| Silk, raw | Pound | 21,357 | 120,931 | 8,147 | 52,928 |
| Rayon staple fibre | 11 | 6,622,366 | 1,0,83,445 | 6,995,614 | 2,255,873 |
| Other raw stock | " | - | 3,386,556 | - | 5,819,917 |
| Yarns: |  |  |  |  |  |
| $\begin{aligned} & \text { Silk, real .................. } \\ & \text { Rayon (continuous filament) } \end{aligned}$ | " | $\begin{array}{r} 9,189 \\ 9,301,0,23 \end{array}$ | $\begin{array}{r} 31,874 \\ 7,657,853 \end{array}$ | $\begin{array}{r} 15,631 \\ 11,340,080 \end{array}$ | $\begin{array}{r} 84,56,8 \\ 10,312,370 \end{array}$ |
|  | " | (1) | (I) | (1) | (1) |
| Spun rayon (including spun rayon mixtures) | " | 3,803,073 | 2,306,297 | 4,266,915 | 2,894,056 |
| Nylon | " | 272,850 | 1,015,026 | 355,907 | 1,192,487 |
| Cotton | 1 | 1,839,446 | 1,054,678 | 2,199,918 | 1,722,064 |
| All other | 1 | 167,567 | 261,023 | 121,528 | 314,998 |
| Chemicals and dyestuffs | - | - | 2,872,269 | - | 3,342,418 |
| All other materials and supplies | - | - | 1,145,095 | - | 1,722,792 |
| Custom weaving, throwing, etc.......... | - | - | 461,454 | - | 613,888 |
| Dyeing and printine, charges | - | - | 1,450,053 | - | 1,890,186 |
| ```Packing and shipping materials``` | - | - | 352,919 | - | 441,374 |
| TOTAL COST OF MATERIALS USLid. | - | - | 24,099,473 | - | 32,659,919 |

(1) Included in "Yarns, Nll Other".

## SYNTHETIC TEXTILSS ADD SILK INLUSTRY IN CANADA, 1247

T'able 5. - Capital Invested, 1927 to 1943.

| Year and Provinces | Fixed Capital | Working Capital |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Land, buildings, fixtures, machinery, tools, etc. | Naterials on hand, stocks in process, finistied products, fuel and miscellaneous supplies, etc. | Cash, bills <br> accoun receiv prepaid et | Total Capital] |
|  | \$ | \$ | \$ | \$ |
| Canada, 1927 | 13,348,083 | 2,600,098 | 6,379,637 | 22,327,818 |
| 11928 | 16,797,259 | 3,656,489 | 5,705,955 | 26,159,703 |
| 1929... | 17,795,190 | 4,360,403 | 6,123,064 | 28,278,657 |
| 1930... | 18,047,649 | 5,029,017 | 6,529,394 | 30,506,060 |
| 1931 | 21,754,419 | 4,810,674 | 5,640,114 | 32,205,207 |
| 1932 | 18,131,911 | 4,894,436 | 4,995,065 | 28,021,412 |
| 1533 | 18,844, 213 | 4,060,272 | 7,288,385 | 30,192,870 |
| 1934 | 22,247,906 | 4,917,200 | 7,027,786 | 34,192,892 |
| 1935 | 21,444,973 | 5,757,971 | 7,860,079 | 35,063,023 |
| 1936 | 19,735,561 | 6,185,698 | 9,026,384 | 34,947,643 |
| 1937.0 | 19,489,080 | 6,957,891 | 7,688,205 | 34,135,176 |
| 1938. | 20,847,100 | 6,898,935 | 4,034,168 | 31,780,203 |
| 1939 . | 21,010,070 | 6,009,278 | 5,324,085 | 32,343,433 |
| " 1940.00 | 20,786,432 | 7,337,537 | 10,491,089 | 38,615,053 |
| $1941 \ldots$ | 20,498,502 | 7,650,394 | 14,541,870 | 42,690,766 |
| 1942 |  |  |  |  |
| CANADA.. | 27,531,272 | 8,878,249 | 13,869,734 | 50,279,255 |
| Quebec ......... | 13,379,897 | 6,151,517 | 8,447,180 | 27,978,594 |
| Ontario and New Brunswick | 14, 151,375 | 2,726,732 | 5,422,554 | 22,300,661 |
| 1943 |  |  |  |  |
| CMunos ..... | 26,723,529 | 2,44,5,535 | 25,292,287 | $50,363,268$ |
| Quebed ........ | 13,089,635 | $5.957,999$ | $2,309,3 \times 5$ | 27, $4.6,059$ |
| Ontario and New Brunswick | 13,633,894 | 2,487,646 | 6,292,762 | 22,414,302 |

This information has not been collected since 1943.

## SYNTHETIC TEXTILES AND SILK INDUSTRY IN CANADA, 1947

Table 6. - Size of Eistablishments, 1946 and 1947


Takle 7. - Jmployees, by sex and remuneration Salaried ismployees (Monthly Averages)

Salaries and Wages

|  | Male | Fe- <br> male | Total Salaries | Male | Fe- <br> male | Total Wages | Male | $\begin{aligned} & \mathrm{Fe}- \\ & \text { male } \end{aligned}$ | Salaries and Wages |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1946 | No. | No, | \$ | No. | No. | \$ | No. | No. | \$ |
| CANALA | 872 | 523 | 3,782,939 | 7,474 | 4,231 | 15,107,182 | 8,346 | 4,754 | 18,890,121 |
| Quebec..... Ontario and | 657 | 413 | 2,880,658 | 5,352 | 2,683 | 9,933,650 | 6,009 | 3.096 | 12,814,308 |
| New Brunswick .....o. | 215 | 110 | 902,281 | 2,122 | 1,548 | 5,173,532 | 2,337 | 1,658 | 6,075,813 |
| 1947 |  |  |  |  |  |  |  |  |  |
| CANADA | 049 | 578 | 4,719,413 | 8,451 | 4,650 | 19,565,050 | 9,500 | 5,228 | 24,284,463 |
| Quebec ..... | 801 | 445 | 3,656,503 | 6,080 | 3,062 | 12,988,007 | 6,881 | 3,507 | 16,644,510 |

Ontario and
New Bruns-
wick $\ldots 0.248 \quad 133 \quad 1,062,910 \quad 2,371 \quad 1,588 \quad 6,577,043 \quad 2,619 \quad 1,721 \quad 7,639,953$

Table 8. = Monthly Employment of Wage-earners, 1945, 1946 and 1947

| Male | Female | Total | Male | Female | Total | Male | Female | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No. | No. | No. | No. | No. | No. | No. | No. | No. |
| January $\therefore 6,085$ | 4,535 | 10,620 | 7,174 | 4,320 | 11,494 | 8,332 | 4,406 | $12,738$ |
| February - 6,111 | 4,584 | 10,695 | 7,369 | 4,346 | 11,715 | 8,399 | 4,547 | 12,946 |
| March .... 6,118 | 4,533 | 10,651 | 7,420 | 4,301 | 11,721 | 8,1,35 | 4,611 | 13,046 |
| April .... 6,037 | 4,466 | 10,503 | 7,279 | 4,236 | 11,515 | 8,342 | 4,620 | 12,962 |
| May . . . . . 6,061 | 4,468 | 10,529 | 7,327 | 4,138 | 11,465 | 8,381 | 4,562 | 12,943 |
| June . . . . 6,098 | 4,336 | 10,434 | 7,434 | 4,147 | 11,581 | 8,329 | 4,541 | 12,870 |
| July ...... 6,164 | 4,344 | 10,508 | 7,331 | 4,064 | 11,395 | 8,442 | 4,523 | 12,965 |
| August ... 6,297 | 4,304 | 10,601 | 7,544 | 4,056 | 11,600 | 8,471 | 4,628 | 13,099 |
| September。6,346 | 4,2,2 | 10,638 | 7,528 | 4,112 | 11,640 | 8,412 | 4,726 | 13,138 |
| October . 6,472 | 4,359 | 10,831 | 7,556 | 4,121 | 11,677 | 8,571 | 4,788 | 13,359 |
| November 0,697 | 4,401 | 11,098 | 7,736 | 4,151 | 11,887 | 8,642 | 4,932 | 13,574 |
| Necember - 6,830 | 4,24,0 | 11,070 | 7,933 | 4,165 | 12,098 | 8,670 | 4,886 | 13,556 |
| MONTHLY AVEIRAGE 6,275 | 4,408 | 10,683 | 7,474 | 4,231 | 11,705 | 8,451 | 4,650 | 13,101 |

Table 9. - Number of Wage-earners in One Week of the Month of Hiphest Employment with their Hours of Work per week and Average Weekly Larnings, 1944 and 1945 (x)

| Number of Hours Worked per Week | 1944 |  | 1945 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Male | Female | Male | Female |
|  | No. | No. | No. | No. |
| 30 hours or less | 270 | 400 | 271 | 375 |
| 31-43 hours .. | 549 | 710 | 609 | 710 |
| 44 hours .... | 113 | 185 | 172 | 307 |
| 45-47 hours | 443 | 594 | 329 | 477 |
| 48 hours | 742 | 689 | 856 | 581 |
| 49-50 hours | 1,582 | 1,175 | 1,341 | 1,162 |
| 51 - 54 hours | 596 | 243 | 1,227 | 522 |
| 55 hours .... | 487 | 472 | 528 | 300 |
| 56-64 hours | 1,011 | 76 | 1,163 | 120 |
| 65 hours and over | 342 | 32 | 289 | 2 |
| Average hours per week | 50.4 | 45.6 | 50.5 | 45.6 |
| Average weekly earnings | \$28.08 | \$17,08 | \$29,11 | \$18.42 |

(x) Information not collected since 1945.

## SYNTHETIC TEXTIIES ARH SILK INUUSTRY IN CANAUA, 1947

Table 10. - Power Equipment 1946 and 1947

| Classes of Power | 1946 |  | 1947 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number <br> of <br> Units | Manufacturers Rating of Horsepower Capacity |  | Manufacturers Rating of Horsepower Capacity |
| Steam engines and steam turbines: |  |  |  |  |
| In use | 19 | 5,655 | 20 | 5,803 |
| IdJ.e | 5 | 515 | 5 | 560 |
| Gasoline, gas and oil engines |  |  |  |  |
|  |  |  |  |  |
| Idle .......... | 5 | 340 |  | 375 |
| Hydraulic turbines or water wheels |  |  |  |  |
| In use | 5 | 3,725 | 5 | 3,725 |
| Idle | 3 | 1,000 | 3 | 1,000 |
| Electric motors operated by |  |  |  |  |
| purchased power - In use ,...... |  | 33,988 | 28,330 | 39,290 |
| Idle ......... | $1,731$ | 2,909 | 1,726 | 2,933 |
| TOTAL POHER AVAILABLE FOR |  |  |  |  |
| Electric motors operated by power generated in the establishment |  |  |  |  |
| $\begin{aligned} & \text { - } \\ & \text { - In use } \\ & \text { Idle }\end{aligned}$ | $\begin{array}{r} 1,764 \\ 200 \end{array}$ | $\begin{array}{r} 8,283 \\ 700 \end{array}$ | $\begin{array}{r} 1,782 \\ 200 \end{array}$ | $\begin{array}{r} 8,370 \\ 700 \end{array}$ |
| Total Electric Motors | 30,720 | 45,880 | 32,038 | 51,293 |
| Boiler installation - In use ...... | 26 | 10,445 | 31 | 10,712 |
| Idle | 2 | 360 | 2 | 235 |

Table 11. - Consumption of Fuel and Electricity, 1946 and 1947

| Kind of Fuel | $\begin{gathered} \hline \text { Unit } \\ \text { of } \\ \text { Measure } \end{gathered}$ | 1946 |  | 1947 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Quantity | Cost Value at Factory | Quantity | Cost Value at Factory |
| Coal - | Ton |  | ator |  | ¢ |
| Bituminous | (2000 1b.) | 89,252 | 806:190 | 112,259 | 1,064,058 |
| Anthracite | " | 19,458 | 159,827 | 18,690 | 158,222 |
| Gasoline + | Imp, Gal. | 22,545 | 6,392 | 34,111 | 10,631 |
| Kerosene |  | 203 | 35 | 193 | 40 |
| Fuel oil | " " | 2,365,820 | 169,645 | 2,308,459 | 196,599 |
| Vood | Cord |  | 278 |  | 182 |
| Gas, manufactured ....... | M cu.ft. | 1,160 | 1,413 | - | - |
| Other | - | - | 12,467 | - | 17,363 |
| TOTAL COST OF FULL ....... | - | - | 1,156,247 | - | 1,447,095 |
| Electricity purchased including service charges 。 | Kwor. | 115,301,189 | 714,685 | 169,284, 879 | 953,430 |
| TOTAL COST OF FUEL AND ELHCTRICITY | - | -- | 1,870,932 | - - | 2,400,525 |

[^1]
## SXNTHETIC TEXTIIFS AMD SIIK INDUSTRY IN CANAUA, 1947

Table 12. - Mechanical Equipment, 1946 and 1947
1246
Number
1947
Number
Spindles -

| Thr | 104,242 | 129,310 |
| :---: | :---: | :---: |
| Winding | 33,075 | 30,915 |
| Double and twi | 52,206 | 49,614 |
| Spinning | 180,752 | 182,332 |
| Re-drawing | 8,719 | 9,1.89 |
| Reeling | 3,525 | 3,336 |
| Cone winding | 11,456 | 13,384 |
| Quill winding | 12,689 | 13,441 |
| All other | 6,768 | 8,938 |

Warpers ..... 150 ..... 146
Slashers ..... 39 ..... 37
Looms - 40 inches and under ..... -
$41=48$ inches 1,603 ..... 1,916
49-56 inches 3,377

$$
3,457
$$

$$
57 \text { inches and over }
$$

1,600
Velvet

$$
44
$$

$$
1,665
$$

$\qquad$
Jaccuard machines in place on the above looms ..... 180231
Dobbien in place on thes above loods 14.080 5.064
initting mactanes ..... 169

$$
\text { SNTHETIC THXTIIES AMD SILK INUUSTHY IN CANADA, } 1947
$$

Tabie 13. = Imports of Silk and Synthetic Fibres, Yarns and Piece Coods


## SYNTHETIC TIXXTIEX AND UILK INUUSTRY IN CANADA, 1947

Table 13. - Imports of Silk and Synthetic Fibres, Yarns and Piece Goods, Cont'd.

| Synthetic Textiles (Concl'd.) | Unit | 1946 |  | 1947 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | quantity | Value | Quantity | Value |
| Yarns, rayon, acetate, singles, not coloured, not more than seven turns to the inch ...... | 18. | 2,005,121 | 1.735,375 | 1,965,186 | 1,852,47 |
| Yarns, synthetic, singles, n.o.p., not coloured, not more than seven turns to the inch | " | 2,387,136 | 2,608,196 | 2,574,346 | 2,762,354 |
| Yarns, threads, cords or twist, rayon, and yarns, rayon, covered with metallic strip, produced from cellulose acetate 。 | " | 25,325 | 46,144 | 20,479 | 44,334 |
| Yarns, threads, cords or twist, synthetic, and yarns, synthetic, covered with metallic strip, | " | 756,049 | 824,546 | 819,938 | 949,168 |
| Yarns, synthetic, not coloured, for cut pile fabrics ......... | " | 15,819 | 14,729 | 34,652 | 26,335 |
| Yarns of synthetic fibres, produced from polyamides (nylon). | " | 11,900 | 71,903 | 42,978 | 141,997 |
| Yarns, synthetic, for tire fabric..........,............ | " | 2,673,521 | 1,243,852 | 3,776,309 | 1,982,807 |
| Knitted fabrics of synthetic yarn | " | 715,670 | 1,861,539 | 810,010 | 2,250,765 |
| Woven fabric of synthetic yarn, not to contain wool, not including fabrics in chief part by weight of silk, n.o.p..... | " | 3,182,757 | 6,968,198 | 5,061,368 | 12,716,791 |
| Woven fabrics, of symthetic yarn, not exceeding twelve inches in width, generally known as ribbons | " | - | 1,002,934 | - - | 1,177,312 |
| TOTAL |  | - | 22,986,233 | - | 34,054,925 |

Table 14. - Exports of Synthetic Yarn and Fabrics

|  | Unit | 1946 |  | 1947 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Quantity | Value | Quantity | Value |
|  |  |  | \$ |  | \$ |
| Synthetic thread and yarn | - | - | 86,105 | - | 2,154,007 |
| Fabrics of synthetic yarn | Yd。 | 4,080,309 | 2,940,124 | 7,741,308 | 6,835,764 |

NEv！BRUNSWICK
Canadian Cottons Limited，I＇illtown，N．Bo

## QUEBEC

Acton Vale Silk Mills Ltd．，
Laurentian Silk Mills Ltd．，（2 establishments）
Coaticook Textiles Ltd．，
Bruck Silk Kills，Ltd ，
Canadian Celanese Ltd．，
Louis Roessel \＆Co．Ittd，
Eruck Silk liills Ltd．，
British Anerican Silk Mills Ltd．，
Verney Mills of Canada，Ltd．，
Iberville Drapery Mills Lt，d．，
Associated Textiles of Canada，Ltd．，
L．\＆L．Textiles Ltd．，
M．L．Binz Co．，Ltd。，
＂Aux Tissages Francais＂Ltée．．
Dominion Thread Mills，
Zephyr Textiles Limited， Victoria Silk Mills，Ltd．， Dionne Spinning Mills Con， Canadian Silk Textiles Reg＂d．， Consolidated Textiles Ltd．， Duplex Textiles Limited， Belding－Corticelli Ltd。，
J．B．Martin Co，Ltd．，
Dominion Spinners Ltd．， Soieries P．H．Boell，Ltd， Bruck Silk Kills，Ltd．，
Dominion Burlington Mills Ltdo， Sutton Silk Mills Ltd．， Valleyfield Silk Mills Ltdo，

Acton Vale，Que，
Cap de la Madeleine，Que． 330 Water St。，Coaticook，Que． Cowansville，Que．
Drummondville，Quebec．
628 Heriot St．，Drummondville，Que．
45 St．Patrick St．，Farmham．
Granby，Quebec．
Granby，Cuebec．
62 － 4 th Ave．，Iberville，Que．
Louiseville，Que．
Magog，que．
Montmagny，Que，
7260 St．Urbain St．，Montreal，Que．
52 Nazareth St．，Montreal，Que．
Ormstown，Quebec．
Ilessisville，Que，
St，George，Que．
St．Hyacinthe，Que．
St．Hyacinthe，Que．
Sit．Hyacinthe，Que．
Rich 1 lieu St．，St．Johns，Que．
445 St．James St．，St．Johns，Que．
130 Gregoire St．，St．Johns，Que．
St，Johns，Que．
100 Woodward Ave．，Sherbrooke，Que．
Sherbrooke，Que．
Sutton，Que．
Valleyfield，Que．

## ONTARIO

Singsby Minufacturing Co．Ltd．
Courtaulds（Canada）Ltd．．
Newlands \＆Co，Ltd．
Cinadian Industries Ltd．，
Riverside Silk Nills Ltd。，
Fine Silk Ltd．，
Riverside Silk lills Ltd．， Dominion Silk Mills Ltd，
Grout＇s Limited，

Grand River Ave．，Brantford，Ont． Cornwall，Ont．
Ainslie Sit．S．，Galt，Ont．
Kingston，Ont。
Kiel ville St．，Galt，Ont．
Midland，Ont．
Mitchell，Ont．
2 Mark St．，Toronto 2，Ont．
Welland Ave．，St．Catnarines，Ont．


[^0]:    This report is a part of the anntial Censtus of Industry and Merchandising. prepared in the General Manufactures Section, Dominion Bureau of Statistics, Ottawa

[^1]:    + Gasoline used includes that used in cars and trucks.

