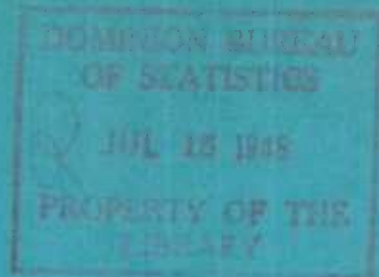


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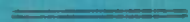
**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**+++ *Census of Industry* +++**

**GENERAL MANUFACTURING STATISTICS**



**REPORT**

**ON THE**

**ARTIFICIAL AND REAL SILK INDUSTRY**

**IN**

**CANADA**

**1946**



**OTTAWA  
1948**





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
MANUFACTURING STATISTICS  
OTTAWA - CANADA

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Dominion Statistician:	H. Marshall.
Director, Census of Industry and Merchandising:	W. H. Losee.
Chief, General Manufacturing Statistics:	A. Cohen.

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ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

During 1946 the amount of real 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 artificial yarns, namely, viscose rayon, acetate rayon and nylon, and the spinning and weaving operations of firms which are properly classifiable to the silk industry inasmuch as the materials used by them are chiefly silk. Considerable quantities of continuous filament artificial silk 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 resulting spun rayon yarn, together with the continuous filament artificial silk, is woven into fabrics of all artificial silk, all spun rayon, or a mixture of one or the other with cotton. The production of the cotton mills is not included in this report. For total silk production 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 connection with the production of artificial silk yarn, it is interesting to note the change that has taken place in the type of purified cellulose utilized for the production of rayon in both the viscose process and the acetate process. Originally, the major source of cellulose for the viscose process was wood pulp whereas that for acetate was cotton linters, this latter source yielding the most chemically pure cellulose of the two. The scarcity of cotton linters during the war and the improvement in the alpha cellulose content of wood pulp have, however, combined to effect a switch in the traditional sources of the two processes until today we find wood pulp supplying almost all of the cellulose utilized in the production of acetate yarn and substantial quantities of cotton linters being consumed in the production of viscose yarn. This increased usage of cotton linters, it is understood, has been occasioned by the development of high tenacity viscose yarn.

Of interest, too, is the fact that despite continually expanding production facilities, the bulk of rayon staple fibre consumed in Canada is of foreign origin and domestic production of continuous filament yarn and tire fabric yarns has still to be supplemented by substantial imports. There are also important imports of woven artificial silk fabrics and of real silk fabrics for neckties, scarves and mufflers, and for umbrella coverings, (See tables 13 and 14 for imports and exports items).

In the year at present under review, 1946, reports were received from thirty-six establishments. Twenty-seven of these were located in Quebec, eight in Ontario and one in New Brunswick.

The gross value of production consisting of fabrics, yarn and thread made for sale, etc., amounted to \$65,521,067, an increase of \$10,402,454 or 18.9 per cent as compared with the previous year. Employment was given to 13,100 persons, an increase of 1,150 or 9.6 per cent, while the payroll, \$18,890,121 represented an additional disbursement of \$2,702,680 or 16.7 per cent. Materials used cost \$24,099,473 an

increase of \$3,900,525 or 19.3 per cent.

Fabrics woven from artificial silk yarn, and from artificial silk mixed with other fibres, represented the greater part of the production of the artificial and real silk industry. Fabric woven entirely from continuous filament artificial silk yarn totalled 51,586,742 yards valued at \$28,485,906 in 1946 and 44,663,972 yards with a value of \$22,445,218 in 1945. The use of spun rayon is increasing and fabrics including spun rayon mixtures, spun from this type of artificial silk yarn were reported to the extent of 15,721,196 yards worth \$7,701,622 in 1946 as against 14,227,026 yards valued at \$7,620,021 in 1945.

Rayon staple fibre was used to the extent of 6,622,366 pounds worth \$1,983,445. Under purchased yarns consumed, continuous filament viscose, acetate and bemberg together totalled 9,301,923 pounds worth \$7,657,853, spun rayon (including spun rayon mixtures) 3,803,073 pounds worth \$2,306,297, nylon yarns to the extent of 272,850 pounds worth \$1,015,026 were also used, and cotton 1,839,446 pounds worth \$1,054,678. Dyestuffs, chemicals, etc., used cost \$2,872,269, the large total being partly due to the use of chemicals in the conversion of wood pulp, etc., into artificial silk. Due to the fact that only one establishment in each case carries on basic production operations, it is impossible to show the consumption of wood pulp, cotton linters and nylon flakes.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

Table 1. - Principal Statistics, 1923 to 1946

Year	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1923 .....	7	4,594,313	1,457	1,224,036	2,677,229	5,044,968
1924 .....	10	5,744,502	1,210	978,686	2,486,845	4,381,234
1925 .....	11	9,224,224	1,727	1,364,857	3,361,035	5,483,363
1928 .....	16	26,159,703	3,933	3,441,549	4,638,717	10,897,273
1929 .....	23	28,278,657	4,372	3,825,796	6,091,124	14,476,080
1930 .....	25	30,506,060	5,393	4,718,590	7,633,329	17,808,598
1931 .....	23	32,205,207	6,273	5,758,995	6,482,197	18,187,492
1932 .....	24	28,021,412	7,036	5,756,865	7,858,104	19,864,843
1933 .....	29	30,192,870	7,801	6,138,532	7,795,542	22,754,969
1934 .....	29	34,192,892	9,220	7,535,932	9,553,932	25,879,059
1935 .....	33	35,063,023	10,088	8,371,037	10,946,739	28,045,340
1936 .....	35	34,947,643	10,189	8,877,373	10,732,371	26,930,821
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
<u>1945</u>						
CANADA .....	33	(1)	11,950	16,187,441	20,198,948	55,118,613
Quebec .....	24	-	7,926	10,392,527	13,697,721	36,835,222
Ontario and New Brunswick .	9	-	4,024	5,794,914	6,501,227	18,283,391
<u>1946</u>						
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	9	-	3,995	6,075,813	6,853,683	21,069,729

Three establishments with a combined gross value of production in excess of \$1,500,000 in 1940, and previously included under the real and artificial silk industry are now classified under the new primary textile industry "Narrow fabrics, laces, trimmings, etc."

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.

(1) Information not collected.



ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

Table 2. - Comparison of Principal Statistics, 1945 and 1946

Items		1 9 4 5	1 9 4 6	+Increase -Decrease
Establishments reporting .....	No.	33	36	+ 3
Employees on salaries:				
Total .....	No.	1,267	1,395	+ 128
Male .....	No.	763	872	+ 109
Female .....	No.	504	523	+ 19
Total salaries .....	\$	3,241,263	3,782,939	+ 541,676
Employees on wages:				
Monthly average .....	No.	10,683	11,705	+ 1,022
Male .....	No.	6,275	7,474	+ 1,199
Female .....	No.	4,408	4,231	- 177
Total wages .....	\$	12,946,178	15,107,182	+ 2,161,004
Power equipment:				
Units .....	No.	26,274	28,797	+ 2,523
Horsepower capacity .....	H.P.	43,565	49,177	+ 5,612
Cost of fuel and electricity .....	\$	1,826,504	1,870,932	+ 44,428
Cost of materials used .....	\$	20,198,948	24,099,473	+ 3,900,525
Gross value of production .....	\$	55,118,613	65,521,067	+10,402,454

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

Table 3. - Production, 1945 and 1946

Principal Products	Unit of Measure	1945		1946	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
<b>Woven Fabrics:</b>					
All silk & mixtures containing silk .....	Yd.	(1)	(1)	33,098	73,176
All continuous filament artificial silk .....	"	44,663,972	22,445,218	51,586,742	28,485,906
All spun rayon .....	"	6,373,252	3,218,266	8,739,744	3,911,569
All cotton .....	"	958,069	774,382	787,154	594,761
Continuous filament artificial silk and other mixtures .....	"	5,010,944	3,473,824	6,056,241	4,720,036
Spun rayon mixtures .....	"	7,853,774	4,401,755	6,981,452	3,790,053
All other woven fabrics ..	"	1,066,926	768,732	1,984,085	1,420,712
<b>Yarn and thread:</b>					
Real silk, including mixtures .....	Lb.	7,569	84,886	10,602	97,863
Artificial silk or nylon, singles .....	"	15,542,006	12,290,838	14,252,825	12,727,313
Artificial silk, thrown ..	"	374,495	637,784	542,779	587,477
Nylon, thrown .....	"	193,572	739,568	662,436	2,463,785
Spun rayon, including mixtures .....	"	2,295,569	1,605,812	2,936,597	2,057,079
All other yarns and threads .....	"	215,889	409,634	219,570	301,706
Waste .....	Lb.	1,061,053	127,121	889,859	130,378
All other products .....	-	-	2,017,088	-	2,282,849
Custom and commission work ..	-	-	2,123,705	-	1,876,404
<b>TOTAL VALUE OF PRODUCTS ..</b>	<b>-</b>	<b>-</b>	<b>55,118,613</b>	<b>-</b>	<b>65,521,067</b>

(1) Included under "All other woven fabrics".

General Note: This report covers only those establishments which manufacture principally artificial and real silk fabrics, yarns, embroidery, thread, etc. and statistics for specific products are, therefore, not to be regarded as total production in Canada. For the total Canadian production reference should be made to the Appendix to "The Manufacturing Industries of Canada."

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

Table 4. - Materials Use, 1945 and 1946

Principal Materials	Unit of Measure	1 9 4 5		1 9 4 6	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Silk, raw .....	Found	15,352	58,667	21,357	120,931
Rayon staple fibre .....	"	4,761,699	1,424,492	6,622,366	1,983,445
Other raw stock .....	"	-	3,043,626	-	3,386,556
Yarns:.					
Silk, real .....	"	(1)	(1)	9,189	31,874
Artificial silk (continuous filament) ..	"	8,220,560	6,590,215	9,301,923	7,657,853
Spun silk .....	"	(1)	(1)	(1)	(1)
Spun rayon (including spun rayon mixtures).....	"	2,445,857	1,616,570	3,803,073	2,306,297
Nylon .....	"	(1)	(1)	272,850	1,015,026
Cotton .....	"	2,166,268	1,117,114	1,839,446	1,054,678
All other .....	"	206,335	351,137	167,567	261,023
Chemicals and dyestuffs ...	-	-	3,281,670	-	2,872,269
All other materials and supplies (2) .....	-	-	996,733	-	1,145,095
Custom weaving, throwing, etc. ....	-	-	381,033	-	461,454
Dyeing and printing, charges .....	-	-	1,038,470	-	1,450,053
Packing and shipping materials .....	-	-	299,221	-	352,919
<b>TOTAL COST OF MATERIALS USED.</b>	-	-	<b>20,198,948</b>	-	<b>24,099,473</b>

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

(2) Includes woven greige fabric, etc.



ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

Table 5. - Capital Invested, 1927 to 1943.

Year and Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Inventory value of Materials on hand, stock in process, finished products, fuel and miscellaneous supplies on hand	Operating Capital cash, bills, and accounts receivable prepaid expenses, etc.	
	\$	\$	\$	\$
Canada, 1927 ....	13,348,083	2,600,098	6,379,637	22,327,818
" 1928 ....	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 ....	18,947,649	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
" 1933 ....	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 ....	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 ....	20,786,432	7,337,537	10,491,089	38,615,058
" 1941 ....	20,498,502	7,650,394	14,541,870	42,690,766
<u>1 9 4 2</u>				
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
<u>1 9 4 3</u>				
CANADA .....	26,723,529	8,445,585	15,192,147	50,361,261
Quebec .....	13,089,635	5,957,939	8,899,385	27,946,959
Ontario and New Brunswick ...	13,633,894	2,487,646	6,292,762	22,414,302

This information was not collected since 1943.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

Table 6. - Size of Establishments, 1945 and 1946

Establishments having a production of -	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	No.	\$	\$	\$
<u>1945</u>					
Under \$25,000 .....	1 )	71	97,139	55	146,914
\$50,000 to under \$100,000 ..	2 )				
\$100,000 to under \$500,000 .	11	875	1,055,982	1,121,709	2,941,667
\$500,000 to under \$1,000,000	8	1,396	1,767,257	2,964,784	6,504,752
\$1,000,000 to under \$5,000,000 .....	8	3,250	4,187,264	8,919,756	17,960,355
\$5,000,000 and over .....	3	6,358	9,079,799	7,192,644	27,564,925
TOTAL .....	33	11,950	16,187,441	20,198,948	55,118,613
<u>1946</u>					
Under \$25,000 .....	-	-	-	-	-
\$50,000 to under \$100,000 ..	2 )				
\$100,000 to under \$500,000 .	14 )	1,084	1,342,138	1,854,864	4,089,875
\$500,000 to under \$1,000,000 .....	4	718	874,839	1,213,937	2,660,128
\$1,000,000 to under \$5,000,000 .....	12	4,053	5,497,229	11,963,091	23,959,691
\$5,000,000 and over .....	4	7,245	11,175,915	9,067,581	34,811,373
TOTAL .....	36	13,100	18,890,121	24,099,473	65,521,067

Table 7. - Employees, by sex and remuneration

	Salaried Employees			Wage-earners (Monthly Averages)			Total Employees Salaries and Wages		
	Male	Fe-male	Total Salaries	Male	Fe-male	Total Wages	Male	Fe-male	Salaries and Wages
	No.	No.	\$	No.	No.	\$	No.	No.	\$
<u>1945</u>									
CANADA	763	504	3,241,263	6,275	4,408	12,946,178	7,038	4,912	16,187,441
Quebec .....	555	347	2,278,082	4,336	2,688	8,114,445	4,891	3,035	10,392,527
Ontario and New Brunswick	208	157	963,181	1,939	1,720	4,831,733	2,147	1,877	5,794,914
<u>1946</u>									
CANADA	872	523	3,782,939	7,474	4,231	15,107,182	8,346	4,754	18,890,121
Quebec .....	657	413	2,880,658	5,352	2,683	9,933,650	6,009	3,096	12,814,308
Ontario and New Brunswick .....	215	110	902,281	2,122	1,548	5,173,532	2,337	1,658	6,075,813

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

Table 8. - Monthly Employment of Wage-earners, 1944, 1945 and 1946

	1944			1945			1946		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January ..	5,743	4,373	10,116	6,085	4,535	10,620	7,174	4,320	11,494
February ..	5,799	4,456	10,255	6,111	4,584	10,695	7,369	4,346	11,715
March ....	5,829	4,446	10,275	6,118	4,533	10,651	7,420	4,301	11,721
April ....	5,833	4,443	10,276	6,037	4,466	10,503	7,279	4,236	11,515
May .....	5,801	4,351	10,152	6,061	4,468	10,529	7,327	4,138	11,465
June .....	5,773	4,303	10,076	6,098	4,336	10,434	7,434	4,147	11,581
July .....	5,836	4,291	10,127	6,164	4,344	10,508	7,331	4,064	11,395
August ...	5,826	4,238	10,064	6,297	4,304	10,601	7,544	4,056	11,600
September.	5,762	4,290	10,052	6,346	4,292	10,638	7,528	4,112	11,640
October ..	5,841	4,388	10,229	6,472	4,359	10,831	7,556	4,121	11,677
November .	5,953	4,478	10,431	6,697	4,401	11,098	7,736	4,151	11,887
December .	5,959	4,413	10,372	6,830	4,240	11,070	7,933	4,165	12,098
MONTHLY AVERAGE	5,829	4,374	10,203	6,275	4,408	10,683	7,474	4,231	11,705

Table 9. - Number of Wage-earners in Month of Highest Employment with their Hours of Work per week and Average Weekly Earnings, 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	1
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 in 1946.



ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

Table 10. - Power Equipment 1945 and 1946

Classes of Power	1945		1946	
	Number of Units	Manufacturers' Rating of Horsepower Capacity	Number of Units	Manufacturers' Rating of Horsepower Capacity
Steam engines and steam turbines:				
In use .....	20	5,600	19	5,655
Idle .....	2	360	5	515
Diesel engines .....	1	800	1	800
Gasoline, gas and oil engines other than diesel - In use .....	-	-	3	245
Idle .....	6	320	5	340
Hydraulic turbines or water wheels In use .....	6	3,725	5	3,725
Idle .....	3	1,000	3	1,000
Electric motors operated by purchased power - In use .....	24,538	28,912	27,025	33,988
Idle .....	1,698	2,848	1,731	2,909
<b>TOTAL POWER AVAILABLE FOR MANUFACTURING PURPOSES .....</b>	<b>26,274</b>	<b>43,565</b>	<b>28,797</b>	<b>49,177</b>
Electric motors operated by power generated in the establishment - In use ..	1,768	8,145	1,764	8,283
Idle ....	186	600	200	700
<b>Total Electric Motors .....</b>	<b>28,190</b>	<b>40,505</b>	<b>30,720</b>	<b>45,880</b>
Boiler installation - In use .....	32	11,298	26	10,445
Idle .....	3	1,360	2	360

Table 11. - Consumption of Fuel and Electricity, 1945 and 1946

Kind of Fuel	Unit of Measure	1945		1946	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -	Ton		\$		\$
Bituminous.....	(2000 lb.)	96,289	869,386	89,252	806,190
Anthracite .....	"	16,559	135,509	19,458	159,827
Gasoline + .....	Imp. Gal.	33,166	9,726	22,545	6,392
Kerosene .....	" "	138	24	203	35
Fuel oil .....	" "	1,007,846	76,504	2,365,820	169,645
Wood .....	Cord	625	1,875	27	278
Gas, manufactured .....	M. cu. ft.	220	275	1,160	1,413
Other .....	-	-	1,561	-	12,467
<b>TOTAL COST OF FUEL .....</b>	-	-	<b>1,095,060</b>	-	<b>1,156,247</b>
Electricity purchased including service charges ..	Kw.H.	142,482,902	731,444	115,301,189	714,685
<b>TOTAL COST OF FUEL AND ELECTRICITY .....</b>	-	-	<b>1,826,504</b>	-	<b>1,870,932</b>

+ Gasoline used includes that used in cars and trucks.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

Table 12. - Mechanical Equipment, 1945 and 1946

	<u>1 9 4 5</u>	<u>1 9 4 6</u>
	<u>Number</u>	<u>Number</u>
Spindles -		
Throwing .....	87,609	104,242
Winding .....	34,502	33,075
Double and twisting .....	58,419	52,206
Spinning .....	166,581	180,752
Re-drawing .....	10,445	8,719
Reeling .....	3,559	3,525
Cone winding .....	9,314	11,456
Quill winding .....	10,141	12,689
All other .....	5,936	6,768
Warpers .....	138	150
Slashers .....	34	39
Looms - 40 inches and under .....	8	-
41 - 48 inches .....	1,487	1,603
49 - 56 inches .....	2,831	3,377
57 inches and over .....	1,263	1,600
Velvet .....	44	44
Jacquard machines in place on the above looms ..	262	180
Dobbies in place on the above looms .....	3,984	4,080
Knitting machines .....	166	169
Braiding machines .....	2	2

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

Table 13. - Imports of Real and Artificial Silk Fibres, Yarns and Piece Goods

	Unit	1 9 4 5		1 9 4 6	
		Quantity	Value	Quantity	Value
<u>Real Silk</u>			\$		\$
Raw Silk and cocoons, not degummed .....	Lb.	-	-	22,893	190,624
Yarn, thread, cord and twist ..	-	-	6,477	-	50,314
Bolting cloth, not made up .....	-	-	82,612	-	121,329
Woven fabrics, silk, not to contain wool, not including fabrics in chief part by weight of artificial silk n.o.p.	yd.	10,417	41,782	104,209	338,895
Woven fabrics with cut pile, whether or not coated or impregnated, wholly or in part of silk or artificial silk, but not containing wool, n.o.p. ....	"	45,672	83,675	125,782	228,163
Woven fabrics, not exceeding 12 inches in width, ribbons, silk .....	-	-	2,842	-	8,318
Woven fabrics, not made in Canada, silk or artificial silk in the web, in lengths of not less than 5 yards, for neckties, scarves and mufflers .....	-	-	1,735,688	-	2,538,356
Umbrella covering fabrics, not made in Canada, with hemmed selvages, when imported in lengths of not less than ten yards each for umbrellas.....	-	-	96,221	-	157,738
<u>Artificial Silk</u>					
Loose fibres in staple lengths, wholly of artificial silk (rayon) or similar synthetic fibres, not more advanced than in the form of <b>sliver</b> , for the manufacture of spun yarns .....	lb.	6,841,301	2,017,368	9,453,793	2,859,091
Artificial silk (rayon) tops.....	"	34,216	13,569	11,096	5,007
Garnetted material and waste portions of unused fabrics, filaments and loose fibres, wholly of artificial silk, n.o.p., not to include remnants nor mill ends .....	"	36,104	21,127	99,752	110,982



ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

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

Artificial Silk	Unit	1945		1946	
		Quantity	Value \$	Quantity	Value \$
Yarns, artificial silk, acetate, singles, not coloured, not more than seven turns to the inch ....	lb.	4,923,305	4,033,257	2,005,121	1,735,375
Yarns, artificial silk, singles, n.o.p., not coloured, not more than seven turns to the inch ....	"	2,143,651	2,231,889	2,387,136	2,608,196
Yarns, threads, cords or twist, artificial silk, and yarns, artificial silk, covered with metallic strip, produced from cellulose acetate .....	"	7,755	20,380	25,325	46,144
Yarns, threads, cords or twist, artificial silk, and yarns, artificial silk, covered with metallic strip, n.o.p. ....	"	509,530	555,372	756,049	824,546
Yarns, artificial silk, not coloured, for cut pile fabrics ..	"	13,112	12,921	15,819	14,729
Yarns of synthetic fibres, produced from polyamides (nylon) ...	"	2,732	12,060	11,900	71,903
Yarns, artificial silk, for tire fabric, .....	"	6,354,531	3,032,527	2,673,521	1,243,852
Knitted fabrics, artificial silk	"	387,195	1,159,835	715,670	1,861,539
Woven fabrics, artificial silk, not to contain wool, not including fabrics in chief part by weight of silk, n.o.p. ....	"	4,154,759	6,564,817	3,182,757	6,968,198
Woven fabrics, artificial silk, not exceeding twelve inches in width, generally known as ribbons .....	"	-	685,192	-	1,002,934
TOTAL .....		-	22,409,611	-	22,986,233

Table 14. - Exports of Artificial Silk Yarns and Fabrics

	Unit	1945		1946	
		Quantity	Value \$	Quantity	Value \$
Artificial silk thread and yarn .	-	-	(1)	-	86,105
Artificial silk fabrics .....	Yd.	2,663,232	1,643,538	4,080,309	2,940,124

(1) Not available.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1946

NEW BRUNSWICK

Canadian Cottons Limited

Milltown, N. B.

QUEBEC

Acton Vale Silk Mills Ltd.,  
Laurentian Silk Mills Ltd.,  
Mason Spinning Mills Ltd.,  
Coaticook Textiles Ltd.  
Bruck Silk Mills, Ltd.  
Canadian Celanese Ltd.  
Louis Roessel & Co. Ltd.  
British American Silk Mills Ltd.  
Verney Mills of Canada, Ltd.  
Iberville Drapery Mills Ltd.  
Associated Textiles of Canada, Ltd.  
L. & L. Textiles Ltd.  
M.E. Binz Co. Ltd.  
"Aux Tissages Francais" Ltee.  
Dominion Thread Mills  
Zephyr Textiles Limited  
Dionne Spinning Mills Co.  
Canadian Silk Textiles Reg'd.  
Consolidated Textiles Ltd.  
Duplex Textiles Limited.  
Belding-Corticelli Ltd.  
J.B. Martin Co. Ltd.  
Dominion Spinners Ltd.  
Soieries F.H. Boell Enrg.  
Dominion Burlington Mills Ltd.  
Sutton Silk Mills Ltd.  
Valley field Silk Mills Ltd.

Acton Vale, Que.  
Cap de la Madeleine, Que.  
Cap de La Madeleine, Que.  
380 Water St., Coaticook, Que.  
Cowansville, Que.  
Drummondville, Quebec.  
628 Heriot St., Drummondville, Que.  
Granby, Quebec.  
Granby, Quebec.  
61 - 4th Ave., Iberville, Que.  
Louiseville, Que.  
Magog, Que.  
Montmagny, Que.  
7260 St. Urbain St., Montreal, Que.  
52 Nazareth St., Montreal, Que.  
Orsstown, Quebec...  
St. George, Que.  
St. Hyacinthe, Que.  
St. Hyacinthe, Que.  
St. Hyacinthe, Que.  
St. Johns, Que.  
445 St. James St., St. Johns, Que.  
130 Gregoire St., St. Johns, Que.  
St. Johns, Que.  
Sherbrooke, Que.  
Sutton, Que.  
Valleyfield, Que.

ONTARIO

Slingsby Manufacturing Co. Ltd.  
Courtaulds (Canada) Ltd.  
Newlands & Co. Ltd.  
Canadian Industries Ltd.  
Riverside Silk Mills Ltd.  
Fine Silk Ltd.  
Dominion Silk Mills Ltd.  
Grout's Limited.

Grand River Ave., Brantford, Ont.  
Cornwall, Ont.  
Ainslie St. S., Galt, Ont  
Kingston, Ont.  
Melville St., Galt, Ont.  
Midland, Ont.  
2 Mark St., Toronto 2, Ont.  
Welland Ave., St. Catharines, Ont.







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