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DEPARTMENT OF TRADE AND COMMERCE

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GENERAL MANUFACTURING STATISTICS



REPORT

ON THE

ARTIFICIAL AND REAL SILK INDUSTRY

IN

CANADA

1945



OTTAWA  
1947

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

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ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1945.

The Silk Industry in Canada is divided into two branches, Real Silk and Artificial Silk. During the war, the Real Silk section of the industry ceased to be of importance, and the statistics presented in this report reflect essentially (1) the basic production of three types of artificial silk yarns, as follows: viscose, from wood pulp; acetate, from cotton linters and wood pulp; and nylon, from nylon flakes, and (2) the spinning and weaving operations of firms whose materials are largely artificial silk. It is unavoidable that there should be included minor hosiery and fabric knitting operations, but all firms entitled to be classified as knitters, whether using artificial silk or not, are assigned to the Hosiery and Knit Goods Industry, the statistics for which are given in a separate report.

With further regard to the problem of presenting statistics for the Silk Industry, which contains both the basic production of continuous filament artificial silk yarns, and their later consumption by weavers of artificial silk fabrics, it should be noted that imported rayon staple fibre is also spun into yarn and later used in weaving. This rayon staple fibre, which is produced in short lengths, and must be spun into yarn like natural textile fibres, is consumed not only by firms classified under the Silk Industry, but also to a very considerable extent by cotton mills. These mills spin largely for their own weaving needs, but a percentage of the spun rayon yarn they produce is sold to other establishments. Cotton mills also consume continuous filament artificial silk yarns, which they weave into fabrics, either alone or in mixtures. This means that important artificial silk yarn and fabric production is an integral part of the Cotton Industry. For this reason it has been thought desirable to show cotton mill production of this nature in a supplementary section following table 3 of this report. Table 3 gives in as much detail as possible the production of fabrics, yarns, etc. in the Silk Industry only.

It may also be interesting to note that, in addition to rayon staple fibre, it is necessary to import ordinary continuous filament yarns and tire fabric yarns to supplement home production. 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 import and export items).

In the year at present under review, 1945, reports were received from thirty-three establishments. Twenty-four 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 \$55,118,613, an increase of \$2,751,256 or 5.3 per cent as compared with the previous year. Employment was given to 11,950 persons, an increase of 635 or 5.6 per cent, while the payroll, \$16,187,441, represented an additional disbursement of \$1,223,852 or 8.2 per cent. Materials used cost \$20,198,948, an increase of \$374,050 or 1.9 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 44,663,972 yards valued at \$22,445,218 in 1945 and 45,272,739 yards with a value of \$21,814,519 in 1944. 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 14,227,026 yards worth \$7,620,021 in 1945 as against 12,212,426 yards valued at \$5,772,956 in 1944.

Rayon staple fibre was used to the extent of 4,761,699 pounds worth \$1,424,492. Under purchased yarns consumed, continuous filament viscose, acetate and bomberg together totalled 8,220,560 pounds worth \$6,590,215, spun rayon (including spun rayon mixtures) 2,445,857 pounds worth \$1,616,570, and cotton 2,166,268 pounds worth \$1,117,114. Dyestuffs, chemicals, etc., used cost \$3,281,670 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, 1945

Table 1. - Principal Statistics, 1923 to 1945

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
<u>1 9 4 4</u>						
CANADA ...	32	(1)	11,315	14,963,589	19,824,898	52,367,357
Quebec .....	23	-	7,571	9,682,855	13,116,235	34,959,717
Ontario and New Brunswick	9	-	3,744	5,280,734	6,708,663	17,407,640
<u>1 9 4 5</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

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, 1945

Table 2. - Comparison of Principal Statistics, 1944 and 1945

Items	1 9 4 4	1 9 4 5	+ Increase - Decrease
Establishments reporting ..... No.	32	33	+ 1
Capital invested ..... \$	(1)	(1)	
Employees on salaries:			
Total ..... No.	1,112	1,267	+ 155
Male ..... No.	647	763	+ 116
Female ..... No.	465	504	+ 39
Total salaries ..... \$	2,867,044	3,241,263	+ 374,219
Employees on wages:			
Monthly average ..... No.	10,203	10,683	+ 480
Male ..... No.	5,829	6,275	+ 446
Female ..... No.	4,374	4,408	+ 34
Total Wages ..... \$	12,096,545	12,946,178	+ 849,633
Power equipment:			
Units ..... No.	25,911	26,274	+ 363
Horsepower capacity ..... H.P.	41,555	43,565	+ 2,010
Cost of fuel and electricity .... \$	1,879,722	1,826,504	- 53,218
Cost of materials used ..... \$	19,824,898	20,198,948	+ 374,050
Gross value of production ..... \$	52,367,357	55,118,613	+ 2,751,256

(1) Information not collected.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1945

Table 3. - Production, 1944 and 1945

Principal Products	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
<b>Woven Fabrics:</b>					
All real silk .....	Yd.	(1)	(1)	(1)	(1)
All continuous filament artificial silk .....	"	45,272,739	21,814,519	44,663,972	22,445,218
All spun rayon .....	"	6,875,449	3,261,725	6,373,252	3,218,266
All Cotton .....	"	1,262,444	665,039	958,069	774,382
Continuous filament artificial silk and other mixtures .....	"	4,529,481	3,616,802	5,010,944	3,473,824
Spun rayon mixtures .....	"	5,336,977	2,511,231	7,853,774	4,401,755
All other woven fabrics ..	"	1,983,339	1,312,374	1,066,926	768,732
<b>Yarn and thread:</b>					
Real silk, including mixtures .....	Lb.	5,584	56,582	7,569	84,886
Artificial silk or nylon singles .....	"	13,112,750	9,104,304	15,542,006	12,290,838
All other artificial silk, including mixtures .....	"	1,950,312	4,083,490	568,067	1,377,352
Spun rayon, including mixtures .....	"	2,022,985	1,366,227	2,295,569	1,605,812
All other yarns and threads .....	"	218,112	483,591	215,889	409,634
Waste .....	Lb.	1,156,732	153,136	1,061,053	127,121
All other products .....	-	-	2,043,467	-	2,017,088
Custom and commission work .	-	-	1,894,870	-	2,123,705
TOTAL VALUE OF PRODUCTS ...	-	-	52,367,357	-	55,118,613

(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, 1945

The weaving of artificial silk yarns into fabric is also carried on in cotton mills, and the production of specified fabrics in the Cotton Yarn and Cloth Industry during the year 1945 is given below.

Products	Lineal Yards	Selling value at factory
		\$
All artificial silk, continuous filament:		
Piece dyed and printed .....	3,947,407	1,203,242
Grey bleached, etc. ....	3,348,334	762,638
All spun rayon (including mixtures) ...	10,552,676	2,839,389
Cotton and continuous filament artificial silk mixed		
Grey and bleached .....	63,971	17,835
Piece dyed .....	1,938,795	864,491

Table 4. - Materials Used, 1944 and 1945

Principal Materials	Unit of Measure	1944		1945	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Silk, raw .....	Pound	6,404	27,367	15,352	58,667
Rayon staple fibre .....	"	4,844,454	1,597,302	4,761,699	1,424,492
Other raw stock .....	"	-	3,487,634	-	3,043,626
Yarns:					
Silk, real .....	"	(1)	(1)	(1)	(1)
Artificial silk (continuous filament) ....	"	7,544,062	6,061,468	8,220,560	6,590,215
Spun silk .....	"	(1)	(1)	(1)	(1)
Spun rayon (including spun rayon mixtures) .....	"	1,747,259	1,179,161	2,445,857	1,616,570
Cotton .....	"	1,941,215	956,637	2,166,268	1,117,114
All other .....	"	335,694	573,179	206,335	351,137
Chemicals and dyestuffs .....	-	-	3,232,059	-	3,231,670
All other materials and supplies (2) .....	-	-	973,025	-	996,733
Custom weaving, throwing, etc.	-	-	473,874	-	381,033
Dyeing and printing, etc., charges .....	-	-	950,703	-	1,038,470
Packing and shipping materials .....	-	-	312,489	-	299,221
<b>TOTAL COST OF MATERIALS USED.</b>	-	-	<b>19,824,898</b>	-	<b>20,198,948</b>

(1) Less than three establishments reporting. Included in "Yarns, All Other".  
 (2) Includes woven greige fabric, etc.



ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1945

Table 5. - Capital Invested, 1927 to 1945

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 in 1944 and 1945.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1945

Table 6. - Size of Establishments, 1944 and 1945

Establishments having a production of -	Estab-	Em-	Salaries	Cost of	Gross
	lish-ments	ployees	and Wages	Materials Used	Value of Production
	No.	No.	\$	\$	\$
<u>1944</u>					
\$25,000 to under \$50,000	-	-	-	-	-
\$50,000 to under \$100,000	5	112	147,509	89,476	353,122
\$100,000 to under \$500,000 .....	10	913	1,063,428	1,555,383	3,255,575
\$500,000 to under \$1,000,000 .....	6	1,087	1,312,714	2,443,133	4,778,952
\$1,000,000 to under \$5,000,000 .....	8	3,130	4,045,556	8,538,432	17,161,215
\$5,000,000 and over .....	3	6,073	8,394,382	7,198,474	26,818,493
<b>TOTAL .....</b>	<b>32</b>	<b>11,315</b>	<b>14,963,589</b>	<b>19,824,898</b>	<b>52,367,357</b>
<u>1945</u>					
Under \$25,000 .....	1 )				
\$50,000 to under \$100,000	2 )	71	97,139	55	146,914
\$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
<b>TOTAL .....</b>	<b>33</b>	<b>11,950</b>	<b>16,187,441</b>	<b>20,198,948</b>	<b>55,118,613</b>

Table 7. - Employees, by sex and remuneration

	Salaried Employees			Wage-earners (Monthly Averages)			Total Employees Salaries and Wages		
	Fe-	Total	Total	Fe-	Total	Total	Fe-	Total	Total
	Male	Salaries		Male	male		Male	male	
	No.	No.	\$	No.	No.	\$	No.	No.	\$
<u>1944</u>									
<u>CANADA</u>	647	465	2,867,044	5,829	4,374	12,096,545	6,476	4,839	14,963,589
Quebec .....	456	326	2,020,683	4,057	2,732	7,662,172	4,513	3,058	9,682,855
Ontario and New Brun- swick .....	191	139	846,361	1,772	1,642	4,434,373	1,963	1,781	5,280,734
<u>1945</u>									
<u>CANADA</u>	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 Brun- swick .....	208	157	963,181	1,939	1,720	4,831,733	2,147	1,877	5,794,914

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1945

Table 8. - Monthly Employment of Wage-earners, 1943, 1944 and 1945

	1 9 4 3			1 9 4 4			1 9 4 5		
	Male No.	Female No.	Total No.	Male No.	Female No.	Total No.	Male No.	Female No.	Total No.
January ...	5,748	4,284	10,032	5,743	4,373	10,116	6,085	4,535	10,620
February ..	5,716	4,176	9,892	5,799	4,456	10,255	6,111	4,584	10,695
March .....	5,707	4,203	9,910	5,829	4,446	10,275	6,118	4,533	10,651
April .....	5,671	4,047	9,718	5,833	4,443	10,276	6,037	4,466	10,503
May .....	5,587	4,150	9,737	5,801	4,351	10,152	6,061	4,468	10,529
June .....	5,608	4,245	9,853	5,773	4,303	10,076	6,098	4,336	10,434
July .....	5,598	4,169	9,767	5,836	4,291	10,127	6,164	4,344	10,508
August ....	5,565	4,209	9,774	5,826	4,238	10,064	6,297	4,304	10,601
September .	5,444	4,255	9,699	5,762	4,290	10,052	6,346	4,292	10,638
October ...	5,479	4,331	9,810	5,841	4,388	10,229	6,472	4,359	10,831
November ..	5,525	4,313	9,838	5,953	4,478	10,431	6,697	4,401	11,098
December ..	5,551	4,275	9,826	5,959	4,413	10,372	6,830	4,240	11,070
<b>MONTHLY AVERAGE</b>	<b>5,600</b>	<b>4,223</b>	<b>9,823</b>	<b>5,829</b>	<b>4,374</b>	<b>10,203</b>	<b>6,275</b>	<b>4,408</b>	<b>10,683</b>

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

Number of Hours Worked per Week	1 9 4 4		1 9 4 5	
	Male No.	Female No.	Male No.	Female 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
<b>Average hours per week .....</b>	<b>50.4</b>	<b>45.6</b>	<b>50.5</b>	<b>45.6</b>
<b>Average weekly earnings .....</b>	<b>\$28.08</b>	<b>\$17.08</b>	<b>\$29.11</b>	<b>\$18.42</b>

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1945

Table 10. - Power Equipment 1944 and 1945

Classes of Power	1 9 4 4		1 9 4 5	
	Number of Units	Manufacturers' Rating of Horsepower Capacity	Rating of Units	Manufacturers' Rating of Horsepower Capacity
Steam engines and steam turbines:				
In use .....	20	5,605	20	5,600
Idle .....	2	360	2	360
Diesel engines .....	1	800	1	800
Gasoline, gas and oil engines ....				
other than diesel - In use .....	-	-	-	-
Idle .....	6	320	6	320
Hydraulic turbines or water wheels				
In use .....	4	3,500	6	3,725
Idle .....	3	1,000	3	1,000
Electric motors operated by				
purchased power - In use .....	24,906	28,232	24,538	28,912
Idle .....	969	1,738	1,698	2,848
TOTAL POWER AVAILABLE FOR MANUFACTURING PURPOSES .....	25,911	41,555	26,274	43,565
Electric motors operated by power generated in the establishment -				
In use .....	1,747	8,140	1,768	8,145
Idle .....	178	560	186	600
Total Electric Motors .....	27,800	38,670	28,190	40,505
Boiler installation - In use .....	28	10,893	32	11,298
Idle .....	2	1,275	3	1,360

Table 11. - Consumption of Fuel and Electricity, 1944 and 1945

Kind of Fuel	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -	Ton		\$		\$
Bituminous .....	(2000 lb.)	109,261	972,787	96,289	869,386
Anthracite .....	"	20,064	163,698	16,559	135,509
Lignite .....	"	24	548	-	-
Gasoline + .....	Imp. Gal.	27,405	8,246	33,166	9,926
Kerosene .....	" "	335	60	138	24
Fuel or diesel oil .....	" "	748,672	57,839	1,007,846	76,504
Wood .....	Cord	500	1,500	625	1,875
Gas, manufactured .....	M cu. ft.	210	221	220	275
Other .....	-	-	3,126	-	1,561
TOTAL COST OF FUEL .....	-	-	1,208,025	-	1,095,060
Electricity purchased including service charges	Kw.H.	107,926,246	671,697	142,482,902	731,444
TOTAL COST OF FUEL AND ELECTRICITY .....	-	-	1,879,722	-	1,826,504

+ Gasoline used includes that used in cars and trucks.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1945

Table 12. - Mechanical Equipment, 1944 and 1945

	1 9 4 4	1 9 4 5
	<u>Number</u>	<u>Number</u>
Spindles -		
Throwing .....	88,948	87,609
Winding .....	34,210	34,502
Doubling and twisting .....	61,472	58,419
Spinning .....	148,603	166,581
Re-drawing .....	11,111	10,445
Reeling .....	2,171	3,559
Cone winding .....	6,875	9,314
Quill winding .....	10,618	10,141
All other .....	5,614	5,936
Warpers .....	142	138
Slashers .....	34	34
Looms - 40 inches and under .....	-	8
41 - 48 inches .....	1,085	1,487
49 - 56 inches .....	3,039	2,831
57 inches and over .....	1,200	1,263
Velvet .....	44	44
Jacquard machines in place on the above looms ..	138	262
Dobbies in place on the above looms .....	3,601	3,984
Knitting machines .....	166	166
Braiding machines .....	2	2

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1945

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

	Unit	1 9 4 4		1 9 4 5	
		Quantity	Value \$	Quantity	Value \$
<u>Real Silk</u>					
Raw Silk .....	-	-	-	-	-
Yarn, thread, cord and twist	-	-	13,027	-	6,477
Bolting cloth, not made up ...	-	-	85,717	-	82,612
Woven fabrics, silk, not to contain wool, not including fabrics in chief part by weight of artificial silk n.o.p. ....	yd.	5,811	17,947	10,417	41,782
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. ....	"	14,300	23,989	45,672	83,675
Woven fabrics, not exceeding 12 inches in width, ribbons, silk, .....	-	-	957	-	2,842
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 .....	-	-	1,216,859	-	1,735,688
Umbrella covering fabrics, not made in Canada, with hemmed selvages, when imported in lengths of not less than ten yards each for umbrellas .....	-	-	108,285	-	96,221
<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 sliver, for the manufacture of spun yarns. ....	lb.	6,975,803	2,164,200	6,841,301	2,017,368
Artificial silk (rayon) tops.	"	93,785	42,059	34,216	13,569
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 .....	"	278,214	64,133	36,104	21,127

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1945

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

	Unit	1944		1945	
		Quantity	Value	Quantity	Value
<u>Artificial Silk</u>					
Yarns, artificial silk, acetate, singles, not coloured, not more than seven turns to the inch ..	lb.	4,129,578	3,504,675	4,923,305	4,033,257
Yarns, artificial silk, singles, n.o.p., not coloured, not more than seven turns to the inch ..	"	2,438,817	2,424,214	2,143,651	2,231,889
Yarns, threads, cords or twist, artificial silk, and yarns, artificial silk, covered with metallic strip, produced from cellulose acetate .....	"	5,092	13,228	7,755	20,380
Yarns, threads, cords or twist, artificial silk, and yarns, artificial silk, covered with metallic strip, n.o.p. ....	"	368,285	435,171	509,530	555,372
Yarns, artificial silk, not coloured, for cut pile fabrics	"	27,370	26,933	13,112	12,921
Yarns of synthetic fibres, produced from polyamides (nylon)	"	378	2,070	2,732	12,060
Yarns, artificial silk, for tire fabric, (From Oct. 1, 1943) ..	"	3,192,238	1,523,676	6,354,531	3,032,527
Knitted fabrics, artificial silk	"	428,559	1,257,462	387,195	1,159,835
Woven fabrics, artificial silk, not to contain wool, not including fabrics in chief part by weight of silk, n.o.p. ....	"	2,686,936	4,663,376	4,154,759	6,564,817
Woven fabrics, artificial silk, not exceeding twelve inches in width, generally known as ribbons. ....	"	-	638,134	-	695,192
TOTAL .....		-	18,226,112		22,406,769

Table 14. - Exports of Real and Artificial Silk Fabrics

	Unit	1944		1945	
		Quantity	Value	Quantity	Value
Artificial silk fabrics .....	Yd.	1,562,957	916,840	2,663,232	1,643,538

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1945

NEW BRUNSWICK

Canadian Cottons Limited

Milltown, N.B.

QUEBEC

Acton Vale Silk Mills Ltd.  
Laurentian Silk 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  
Dionne Spinning Mills Co.  
Canadian Silk Textiles Reg'd.  
Consolidated Textiles Ltd.  
Duplex Textiles Ltd.  
Belding-Corticelli Ltd.  
J. B. Martin Co. Ltd.  
Dominion Spinners Ltd.  
Soisries P. H. Boell Enrg.  
Sutton Silk Mills Ltd.  
Valleyfield Silk Mills Ltd.

Acton Vale, Que.  
Cap de la Madeleine, Que.  
Water St., Coaticook, Que.  
Cowansville, Que.  
Drummondville, Que.  
628 Heriot St., Drummondville, Que.  
Granby, Que.  
Granby, Que.  
61 - 4th Ave., Iberville, Que.  
Louiseville, Que.  
Magog, Que.  
Montmagny, Que.  
7260 St. Urbain St., Montreal, Que.  
52 Nazareth St., Montreal, Que.  
St. George West, 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.  
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 Ltd.

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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