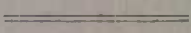


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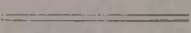
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**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**CENSUS OF INDUSTRY**  
**GENERAL MANUFACTURES BRANCH**



**REPORT**  
**ON THE**  
**ARTIFICIAL AND REAL SILK INDUSTRY**  
**IN**  
**CANADA**  
**1938**



OTTAWA  
1940

Price 25 cents



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

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ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

The silk industry in Canada is divided into two distinct branches - real silk and artificial silk - but, owing to the fact that the manufacture of the latter is largely concentrated in a few establishments, it is necessary to combine these statistics in order to avoid disclosing individual information. It is also necessary to show production on rather broad lines, and some individual items cannot be shown at all but have to be grouped with others, or under "all other products", if the disclosure of individual figures is to be avoided.

In 1938 reports were received from twenty-eight establishments, one less than in the previous year. The provinces of Quebec and Ontario were responsible for all the manufacturing activities in the industry.

The gross value of production in the artificial and real silk industry during 1938 amounted to \$25,871,992, this being a decrease of \$3,999,300 or 14.3 per cent as compared with the previous year. The amount of capital declined by \$2,354,973 or 6.9 per cent to \$31,780,203. Employment was furnished to 8,922 persons, 1,324 or 12.9 per cent fewer than in 1937 and the \$8,147,841 paid out in salaries and wages was less by \$951,596 or 14.1 per cent. The cost of raw and other materials used, totalling \$8,882,157, decreased by \$1,571,039 or 15.0 per cent. It should be noted, however, that although the principal statistics show a decline from the 1937 totals and, indeed, are lower in all items except salaries and wages paid than in any year since 1933, the spectacular expansion of the artificial and real silk industry during the depression years leaves it still well in advance of 1929. In 1938 the industry stood above the 1929 level by 12.4 per cent in the capital invested, 113.0 per cent in salary and wage payments, 45.8 per cent in the cost of materials used and 64.9 per cent in the gross value of production.

All woven fabrics produced in the artificial and real silk industry in 1938 totalled 37,187,508 yards valued at \$16,088,231. Of this total, all continuous filament artificial silk fabrics accounted for 27,867,883 yards worth \$11,353,248, representing about 70 per cent of the whole, and real silk fabrics were produced to the extent of 4,166,669 yards valued at \$1,854,366. The production of fabrics of real and artificial silk mixed was 3,863,683 yards worth \$1,724,842. Under the heading "yarn and thread", artificial silk, singles, was the dominant item with a production of 7,277,792 pounds valued at \$4,387,430. For further details of such items as can be shown separately, see table 3.

Yarns of all kinds represented the leading material used and their consumption in 1938 amounted to 4,980,350 pounds valued at \$3,334,285, continuous filament artificial silk yarns being responsible for the greater part of this total. Raw silk was used to the extent of 571,335 pounds worth \$963,957. See table 4 for further details.

By referring to table 6 it may be observed that four establishments with a yearly production valued at \$1,000,000 or over accounted for 68 per cent of the gross value of production of the industry as a whole, 67 per cent of the employment given and 76 per cent of the capital invested.

The average number of male wage-earners employed during 1938 was 5,065, and of females, 3,031. The month of highest employment of all wage-earners was February, with 8,714 reported, and June, with 7,530, represented the lowest.

In 1938 imports of real silk and its manufactures totalled \$6,817,000. On the same basis artificial silk imports were valued at \$3,749,327. Exports of real silk were worth \$5,522,152, the main item being socks and stockings, wholly or in part of silk, 515,082 dozen pair valued at \$3,112,803. Exports of artificial silk amounted to \$2,269,722

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 1. -- Principal Statistics, 1920 to 1938.

Year	Estab- lish- ments	Capital Invested	Em- plovees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1920 .....	5	4,901,679	1,165	817,440	3,438,792	5,376,751
1921 .....	5	4,559,909	932	719,845	1,890,171	3,536,513
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
1926 .....	12	10,019,519	2,423	1,985,000	3,472,965	8,507,153
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
<u>1934</u>						
CANADA .....	29	34,192,892	9,220	7,535,972	9,553,932	25,879,059
Quebec .....	19	23,442,426	6,654	5,103,364	7,147,587	18,092,687
Ontario .....	10	10,750,466	2,566	2,432,608	2,406,345	7,786,372
<u>1935</u>						
CANADA .....	33	35,063,023	10,088	8,371,037	10,946,739	28,045,340
Quebec .....	22	23,639,442	7,100	5,627,454	8,043,862	19,329,540
Ontario .....	11	11,423,581	2,988	2,743,583	2,902,877	8,715,800
<u>1936</u>						
CANADA .....	35	34,947,643	10,189	8,877,373	10,732,371	26,930,821
Quebec .....	24	24,125,165	7,208	6,265,944	8,180,115	19,685,667
Ontario .....	11	10,822,478	2,981	2,611,429	2,552,256	7,245,154
<u>1937</u>						
CANADA .....	29	34,135,176	10,246	9,099,437	10,453,196	27,871,292
Quebec .....	19	23,382,045	7,056	6,150,405	7,706,231	19,556,018
Ontario .....	10	10,753,131	3,190	2,949,032	2,746,965	8,315,274
<u>1938</u>						
CANADA .....	28	31,780,203	8,922	8,147,841	8,882,151	23,871,992
Quebec .....	19	19,965,856	5,806	5,381,241	6,739,201	17,313,788
Ontario .....	9	11,814,347	3,116	2,766,600	2,142,950	6,558,204

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.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 2. - Comparison of Principal Statistics, 1937 and 1938.

Items	1937	1938	+ Increase - Decrease
Establishments reporting .....No.	29	28	- 1
Capital invested ..... \$	34,135,176	31,780,203	- 2,354,973
Employees on salaries -			
Total ..... No.	1,022	826	- 196
Male ..... No.	678	566	- 112
Female ..... No.	344	260	- 84
Total salaries ..... \$	2,016,630	1,586,394	- 430,236
Employees on wages -			
Monthly average ..... No.	9,224	8,096	- 1,128
Male ..... No.	5,579	5,065	- 514
Female ..... No.	3,645	3,031	- 614
Total wages ..... \$	7,082,807	6,561,447	- 521,360
Power equipment -			
Units ..... No.	20,210	20,826	+ 616
Horsepower capacity ..... H.P.	19,307	22,362	+ 3,055
Cost of fuel and electricity ... \$	1,010,714	967,471	- 43,243
Cost of materials used ..... \$	10,453,196	8,882,157	- 1,571,039
Gross value of production ..... \$	27,871,292	23,871,992	- 3,999,300

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 3. - Production, 1937 and 1938.

Principal Products	Unit of Measure	1937		1938	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Woven fabrics -					
All silk .....	Yd.	4,010,684	2,100,023	4,166,669	1,854,366
All continuous filament artificial silk (x) .....	"	28,848,322	11,952,657	27,867,882	11,353,248
Real silk mixed with artificial silk .....	"	3,177,307	1,596,851	3,863,683	1,724,842
Continuous filament artificial silk and cotton mixtures(x) .....	"	1,232,441	871,951	778,238	634,936
All other woven fabrics .....	"	163,197	196,821	511,035	520,839
Yarn and thread -					
Real silk, including mixtures	Lb.	225,737	637,224	208,310	545,755
Artificial silk, singles .....	"		)	7,277,792	4,387,430
All other artificial silk, including mixtures .....	"	10,412,126	5,989,226		
All other yarns and threads...	"	246,945	627,809	49,396	35,085
				173,344	303,573
All other products, including ribbons, braids, tapes, hosiery, shoe and corset laces, waste, knitted fabrics, cellophane bags and cellophane paper for insulation .....	-	-	3,002,515	-	1,554,284
Custom and commission work .....	-	-	896,215	-	877,634
TOTAL VALUE OF PRODUCTS .....	-	-	27,871,292	-	23,871,992

(x) In 1937 includes all artificial silk, and not only continuous filament.

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 Manufacture Industries of Canada".

Below are given figures for certain related fabrics manufactured in the cotton yarn and cloth industry.

Production of Specified Fabrics in the Cotton Yarn and Cloth Industry, 1938.

	Lineal yards	Selling value at factory
All continuous filament artificial silk -		\$
Grey, bleached and printed .....	2,701,994	1,385,057
Piece dyed .....	5,362,545	1,652,547
All spun rayon (including mixtures) .....	3,589,633	797,409
Cotton and continuous filament artificial silk mixed -		
Grey .....	34,603	6,458
Bleached .....	116,856	26,196
Piece dyed .....	1,140,991	426,457
Other .....	69,385	19,179

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 4 - Materials Used, 1937 and 1938

Principal Materials	Unit of Measure	1937		1938	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Silk, raw .....	Pound	579,880	\$ 1,069,391	571,335	\$ 963,957
Yarns -					
Silk real .....	"	341,589	539,973	32,021	76,446
Artificial silk (continuous filament) ..	"	4,040,965	2,635,255	4,024,201	2,529,656
Spun silk .....	"	42,155	72,747	24,054	50,036
Cotton .....	"	844,554	453,523	585,241	300,892
All other .....	"	334,618	478,306	(1) 314,833	(1) 377,255
Chemicals and dyestuffs .....	-	-	2,880,653	-	2,388,126
All other materials .....	-	-	1,277,221	-	1,260,217
Custom weaving .....	-	-	252,362	-	(2) 727,694
Dyeing and printing charges .....	-	-	566,483	-	-
Spools and paper cones .....	-	-	26,643	(3)	(3)
Packing and shipping materials .....	-	-	200,639	-	207,878
TOTAL COST OF MATERIALS USED .....	-	-	10,453,196	-	8,882,157

(1) Includes wool, spun rayon, lastex, rubber, metallic, etc.

(2) Includes also custom throwing, designing and sketching.

(3) Included in "all other materials".

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 5. - Capital Invested, 1927 to 1938.

Year and Provinces	Fixed Capital		Working Capital		Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Inventory value of materials on hand, stocks in process, finished products, fuel and miscel- laneous supplies on hand	Operating Capital, cash, bills and accounts receivable, prepaid expenses, etc.		
	\$	\$	\$	\$	
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
<u>1935</u>					
CANADA .....	21,444,973	5,757,971	7,860,079		35,063,023
Quebec .....	14,932,340	4,387,414	4,319,688		23,639,442
Ontario .....	6,512,633	1,370,557	3,540,391		11,423,581
<u>1936</u>					
CANADA .....	19,735,561	6,185,698	9,026,384		34,947,643
Quebec .....	14,086,569	4,968,066	5,070,530		24,125,165
Ontario .....	5,648,992	1,217,632	3,955,854		10,822,478
<u>1937</u>					
CANADA .....	19,489,080	6,957,891	7,688,205		34,135,176
Quebec .....	13,389,828	5,194,474	4,797,743		23,382,045
Ontario .....	6,099,252	1,763,417	2,890,462		10,753,131
<u>1938</u>					
CANADA .. ....	20,847,100	6,898,935	4,034,168		31,780,203
Quebec .....	12,760,200	5,135,389	2,070,267		19,965,856
Ontario .....	8,086,900	1,763,546	1,963,901		11,814,347



ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 6. - Size of Establishments, 1937 and 1938.

Establishments having a production of -	Estab-lish-ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
<u>1937</u>						
\$5,000 to under \$25,000	2)					
\$25,000 to under \$50,000	1)					
\$50,000 to under \$100,000	2)	193,465	136	115,477	89,220	243,132
\$100,000 to \$500,000	12	2,774,756	1,076	734,629	1,453,222	2,923,212
\$500,000 to under \$1,000,000	6	3,089,837	1,524	1,227,587	2,126,563	3,889,080
\$1,000,000 and over	6	28,077,118	7,510	7,021,744	6,784,191	20,815,868
<b>TOTAL</b>	<b>29</b>	<b>34,135,176</b>	<b>10,246</b>	<b>9,099,437</b>	<b>10,453,196</b>	<b>27,871,292</b>
<u>1938</u>						
\$5,000 to under \$25,000	1)					
\$25,000 to under \$50,000	1)	238,901	125	113,534	132,096	299,336
\$50,000 to under \$100,000	3)					
\$100,000 to under \$500,000	13	3,870,843	1,408	1,174,398	1,598,235	3,433,306
\$500,000 to under \$1,000,000	6	3,374,540	1,428	1,187,024	2,143,626	3,959,915
\$1,000,000 and over	4	24,295,919	5,961	5,672,885	5,008,200	16,179,435
<b>TOTAL</b>	<b>28</b>	<b>31,780,203</b>	<b>8,922</b>	<b>8,147,841</b>	<b>8,882,157</b>	<b>23,871,992</b>

Table 7. - Employees by Sex and Remuneration and by Provinces, 1937 and 1938.

		CANADA	QUEBEC	ONTARIO
<u>1937</u>				
<b>Salaried Employees -</b>				
Total	No.	1,022	830	192
Male	No.	678	544	134
Female	No.	344	286	58
Total salaries	\$	2,016,630	1,609,442	407,188
<b>Wage-earners -</b>				
Monthly average	No.	9,224	6,226	2,998
Male	No.	5,579	4,147	1,432
Female	No.	3,645	2,079	1,566
Total wages	\$	7,082,807	4,540,963	2,541,844
<b>All Employees -</b>				
Total	No.	10,246	7,056	3,190
Male	No.	6,257	4,691	1,566
Female	No.	3,989	2,365	1,624
Total salaries and wages	\$	9,099,437	6,150,405	2,949,032

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 7. - Employees by Sex and Remuneration and by Provinces, 1937 and 1938 - Concl'd.

		CANADA	QUEBEC	ONTARIO
<u>1938</u>				
<b>Salaried Employees -</b>				
Total .....	No.	826	611	215
Male .....	No.	566	417	149
Female .....	No.	260	194	66
Total salaries .....	\$	1,586,394	1,129,625	456,769
<b>Wage-earners -</b>				
Monthly average .....	No.	8,096	5,195	2,901
Male .....	No.	5,065	3,659	1,406
Female .....	No.	3,031	1,536	1,495
Total wages .....	\$	6,561,447	4,251,616	2,309,831
<b>All Employees -</b>				
Total .....	No.	8,922	5,806	3,116
Male .....	No.	5,631	4,076	1,555
Female .....	No.	3,291	1,730	1,561
Total salaries and wages ...	\$	8,147,841	5,381,241	2,766,600

Table 8. - Monthly Employment of Wage-earners, 1936, 1937 and 1938.

Months	1936			1937			1938		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January .....	5,618	3,553	9,171	5,562	3,527	9,089	5,360	3,225	8,585
February .....	5,764	3,581	9,345	5,687	3,657	9,344	5,442	3,272	8,714
March .....	5,703	3,551	9,254	5,687	3,643	9,330	5,132	3,117	8,249
April .....	5,746	3,512	9,258	5,678	3,691	9,369	5,067	3,010	8,077
May .....	5,703	3,390	9,093	5,633	3,634	9,267	5,004	2,869	7,873
June .....	5,564	3,387	8,951	5,373	3,590	8,963	4,766	2,764	7,530
July .....	5,485	3,278	8,763	5,445	3,611	9,056	4,833	2,884	7,717
August .....	5,674	3,375	9,049	5,616	3,714	9,330	4,853	3,004	7,857
September .....	6,639	3,515	10,154	5,603	3,687	9,290	5,074	3,095	8,169
October .....	5,741	3,541	9,282	5,511	3,625	9,136	5,072	3,061	8,133
November .....	5,782	3,552	9,334	5,471	3,671	9,142	5,110	3,056	8,166
December .....	5,808	3,518	9,326	5,622	3,658	9,280	5,068	3,019	8,087
<b>MONTHLY AVERAGE</b>	5,687	3,481	9,168	5,579	3,645	9,224	5,065	3,031	8,096

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 9. - Number of Wage-earners in Month of Normal Employment with Their Regular Hours of Work per Week and Average Weekly Earnings.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	Male	Female		Male	Female
30 hours or less ....	127	139	51 - 54 hours ....	384	169
31 - 43 hours .....	348	760	55 hours .....	516	257
44 hours .....	68	605	56 - 64 hours ....	545	84
45 - 47 hours .....	162	222	65 hours and over.	217	3
48 hours .....	873	217	Average hours per week .....	50.4	44.7
49 - 50 hours .....	1,854	603	Average weekly earnings .....	\$20.11	\$12.20

The above table does not include overtime.

Table 10. - Power Equipment, 1937 and 1938.

Classes of Power	1937		1938	
	Number of Units	Manufacturers' Rating of Horsepower Capacity	Number of Units	Manufacturers' Rating of Horsepower Capacity
Steam engines and steam turbines-In use	13	3,370	15	3,490
Idle	2	600	3	650
Gasoline, gas and oil engines other than diesel .....	-	-	-	-
-In use	-	-	-	-
Idle	1	125	1	125
Electric motors operated by purchased power .....	20,109	15,029	20,620	17,821
-In use	85	183	187	276
Idle	85	183	187	276
TOTAL POWER AVAILABLE FOR MANUFACTURING PURPOSES.....	20,210	19,307	20,826	22,362
Electric motors operated by power generated in the establishment .....	1,365	3,313	1,432	3,633
Total Electric Motors .....	21,474	18,342	22,239	21,730
Boiler installation .....	34	8,403	33	21,194
-In use	5	605	4	635
Idle	5	605	4	635

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 11. - Consumption of Fuel and Electricity, 1937 and 1938.

Kinds of Fuel	Unit of Measure	1937		1938	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -	Ton		\$		\$
Bituminous .....	(2000 lb.)	32,911	187,762	31,240	179,580
Anthracite .....	"	10,553	38,633	9,030	35,172
Gasoline .....	Imp. Gal.	5,913	1,692	5,911	1,532
Fuel or diesel oil .....	" "	4,873,689	263,453	4,998,038	264,044
Gas, natural .....	M cu ft.	88	67	57	44
Other .....	-	-	-	-	143
TOTAL COST OF FUEL.....	-	-	491,607	-	480,515
Electricity purchased including service charges .....	Kw.H.	116,416,135	519,107	105,119,085	486,956
TOTAL COST OF FUEL AND ELECTRICITY .....	-	-	1,010,714	-	967,471

Table 12. - Mechanical Equipment, 1938.

	Number
Spindles -	
Throwing .....	62,842
Winding .....	33,105
Doubling and twisting .....	17,508
Spinning .....	71,626
Re-drawing .....	11,292
Reeling .....	150
Cone winding .....	2,151
Quill winding .....	3,237
Other .....	-
Warpers .....	124
Slashers .....	17
Looms -	
40 inches and under .....	46
41 -- 48 inches .....	413
49 -- 56 inches .....	2,477
57 inches and over .....	853
Velvet .....	24
Ribbon .....	102
Other .....	45
Jacquard machines in place on the above looms .....	349
Dobbies in place on the above looms .....	2,139
Braiding machines .....	1,671
Hosiery knitting machines .....	110

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 13. -- Imports of Real and Artificial Silk and Their Manufactures, 1937 and 1938.

	1937		1938	
	Quantity Pounds	Value \$	Quantity Pounds	Value \$
<b>REAL SILK AND MANUFACTURES -</b>				
Silk cocoons, raw silk not more advanced than singles, not to include material wholly or partially degummed .....	2,445,871	4,831,824	2,507,683	4,305,859
Garnetted material, wholly of silk, artificial silk or similar synthetic fibres, produced by chemical processes, obtained by disintegrating cocoons, yarns or fabrics prepared for use; filaments or loose fibres, wholly of silk, not more advanced than in the form of sliver, waste portion of unused fabrics, wholly of silk, artificial silk or similar synthetic fibres, n.o.p., not to include remnants nor mill ends (included loose fibre in the staple lengths, wholly of artificial silk, prior to April 1, 1938.) .....	1,200,117	269,839	530,977	112,521
Yarns and warps, wholly of thrown silk in the gum, n.o.p. ....	466	845	94	256
Rovings, yarns and warps, wholly of spun silk, generally known as schappe and bourette, not more advanced than singles, n.o.p. ...	2,336	4,190	320	318
Rovings, yarns and warps, wholly or in part of silk, n.o.p., including threads, cords or twist for sewing, embroidering or other purposes .....	-	44,558	-	41,023
Yarns and warps, wholly of thrown silk, in the gum, rovings, yarns and warps, wholly of spun silk, not coloured, imported by manufacturers for use exclusively in their own factories for knitting underwear, for weaving, or for the manufacture of silk thread ..	43,971	78,031	27,257	53,159

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1937 and 1938 - (Cont'd.)

	Unit of Measure	1937		1938	
		Quantity	Value \$	Quantity	Value \$
<b>REAL SILK AND MANUFACTURES-</b>					
Silk yarns wholly or partially covered with metallic strip, one pound of which shall contain not less than 10,000 yds. (From Feb. 26, 1937)	-	-	1,449	-	-
Woven fabrics, wholly or in chief part by weight of silk, in the gum, not degummed nor bleached, not less than 20 inches in width, weighing not more than 7 pounds per 100 yards, imported for the purpose of being degummed, dyed and finished in Canada .....	Yard	81,158	13,064	87,917	11,652
Woven fabrics, wholly or in part of silk, not to contain wool, not including fabrics in chief part by weight of artificial silk, n.o.p. ....	"	390,857	322,429	270,911	226,707
Woven fabrics, wholly of silk, 26 inches in width or less, n.o.p. ....	"	151,532	28,640	77,242	16,586
Woven fabrics with cut pile, generally known as velvets and plushes, with pile wholly of silk or artificial silk, but not containing wool, exceeding 24 inches in width .	"	295,668	272,655	410,899	310,744
Woven fabrics with cut pile, generally known as velvets and plushes, with pile wholly of silk or artificial silk, but not containing wool, 24 inches in width or less, n.o.p. ....	"	91,187	45,037	92,541	33,268
Woven fabrics not exceeding 12 inches in width, generally known as "ribbons", whether with cut pile or not, wholly or in part of silk, but not containing wool .....	-	-	126,888	-	82,237

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1937 and 1938 - (Cont'd.)

	Unit of Measure	1937		1938	
		Quantity	Value \$	Quantity	Value \$
<b>REAL SILK AND MANUFACTURES</b>					
Bolting cloth, not made up .....	-	-	46,501	-	39,601
Woven fabrics, of a kind not made in Canada, wholly or in chief part, by weight of silk or artificial silk, or both, imported in the web in lengths of not less than 5 yards each by manufacturers of neckties, scarves or mufflers, for use exclusively in the manufacture of such articles in their own factories...	-	-	997,175	-	895,067
Irish poplin composed wholly of silk and wool, not exceeding 25 inches in width, imported in the web in lengths of not less than 5 yards each by manufacturers of neckties, scarves or mufflers, for use exclusively in the manufacture of such articles in their own factories .....	-	-	94	-	9
Umbrella covering fabrics of a kind not made in Canada, whether or not specially treated but not further manufactured than with hemmed selvages, when imported in lengths of not less than ten yards each, with or without natural selvages, when imported for the manufacture of umbrellas, parasols and sun-shades .....	-	-	79,350	-	87,527
Knitted fabrics, wholly or in part of silk .....	Pound	325	731	717	1,271
Blouses and shirtwaists, silk.....	Oz.	6,866	4,245	3,313	3,272
Corsets of silk .....	"	402	145	418	424
Shirts, silk .....	"	1,065	301	565	543
Socks and stockings, wholly or in part of silk .....	Doz.Pr	742	10,830	2,059	16,099
Underwear, knitted, silk .....	Pound	144	364	1,293	1,860
Clothing, silk, n.o.p. ....	Oz.	1,066,992	725,446	686,039	488,450
Handkerchiefs, silk .....	"	142,060	59,628	125,559	48,748
Articles made from woven fabrics and all textile manufactures, n.o.p., of which silk is the component of chief value .....	"	154,212	56,060	120,005	39,799

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 13.- Imports of Real and Artificial Silk and Their Manufactures, 1937 and 1938 - (Cont'd.)

	Unit of Measure	1937		1938	
		Quantity	Value	Quantity	Value
ARTIFICIAL SILK AND ITS MANUFACTURES -					
Loose fibres in staple lengths wholly of artificial silk (rayon) of similar synthetic fibres not more advanced than in the form of sliver, for the manufacture of spun yarns. (from April 1st, 1938)	Pound	-	-	804,342	163,893
Rovings, yarns and warps wholly of artificial silk or similar synthetic fibres, produced by chemical processes, not more advanced than singles, not coloured, with not more than seven turns to the inch, produced from cellulose acetate	"	424,407	366,986	366,484	282,433
Rovings, yarns and warps, wholly of artificial silk or similar synthetic fibres, produced by chemical processes, not more advanced than singles, not coloured, with not more than seven turns to the inch, n.o.p. ....	"	1,177,112	654,003	976,856	439,122
Rovings, yarns and warps, wholly or in part of artificial silk or similar synthetic fibres produced by chemical processes, n.o.p., including threads, cords or twist for sewing, embroidering or other purposes, not to contain silk; artificial silk yarns wholly or partially covered with metallic strip, one pound of which shall contain not less than 10,000 yards produced from cellulose acetate	"	8,011	9,637	10,588	9,558



ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 13. -- Imports of Real and Artificial Silk and Their Manufactures, 1937 and 1938 - (Cont'd.)

	Unit of Measure	1937		1938	
		Quantity	Value \$	Quantity	Value \$
<b>ARTIFICIAL SILK AND ITS MANUFACTURES -</b>					
Rovings, yarns and warps, wholly or in part of artificial silk or similar synthetic fibres produced by chemical processes, n.o.p., including threads, cords or twist for sewing, embroidering or other purposes, not to contain silk; artificial silk yarns wholly or partially covered with metallic strip, one pound of which shall contain not less than 10,000 yards, n.o.p. ....	Pound	294,030	224,243	255,799	196,228
Rovings, yarns and warps, wholly of spun artificial silk or similar synthetic fibres, produced by chemical processes, not coloured, imported by manufacturers for use exclusively in the manufacture of cut pile fabrics in their own factories	"	118,584	61,838	149,086	70,523
Woven fabrics, wholly or in part of artificial silk or similar synthetic fibres, produced by chemical processes, not to contain wool, not including fabrics in chief part by weight of silk, n.o.p. ....	"	1,859,822	1,950,975	1,772,226	1,681,517
Woven fabrics, not exceeding twelve inches in width, generally known as "ribbons", whether with cut pile or not, wholly or in part of artificial silk or similar synthetic fibres, produced by chemical processes, but not containing silk or wool .....	-	-	158,065	-	194,458

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1937 and 1938 - (Concl'd.)

	Unit of Measure	1937		1938	
		Quantity	Value	Quantity	Value
			\$		\$
<u>ARTIFICIAL SILK AND ITS MANUFACTURES -</u>					
Knitted fabrics, wholly or in part of artificial silk .....	Pound	64,802	83,779	53,617	56,391
Socks and stockings, wholly or in part of artificial silk	Doz.Pr.	1,611	3,736	803	2,129
Corsets of artificial silk ...	Oz.	965	531	311	234
Clothing and wearing apparel, chiefly of artificial silk, n.o.p. ....	"	1,142,686	473,388	1,305,325	576,533
Handkerchiefs, artificial silk	"	13,617	2,476	30,168	3,848
Articles made from woven fabrics and all textile manufactures, n.o.p., wholly or partially manufactured; of which the component of chief value is artificial silk or similar synthetic fibres, produced by chemical processes .....	"	605,324	85,352	526,247	72,460
Total Imports of Real and Artificial Silk and Their Manufactures .....	-	-	12,095,328	-	10,566,327
Real Silk .....	-	-	8,020,319	-	6,817,000
Artificial Silk (Rayon) .....	-	-	4,075,009	-	3,749,327

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

Table 14. - Exports of Real and Artificial Silk and Their Manufactures, 1937 and 1938.

	Unit of Measure	1937		1938	
		Quantity	Value \$	Quantity	Value \$
<u>REAL SILK AND ITS MANUFACTURES -</u>					
Socks and stockings wholly or in part of silk .....	Doz.Pr.	487,234	2,962,201	315,082	3,112,803
Silk clothing and other silk and manufactures of, n.o.p. (To March 31, 1937) .....	-	-	54,552	-	-
Silk clothing, n.o.p. (From April 1, 1937) .....	-	-	72,600	-	41,689
Silk and manufactures of, n.o.p. (From April 1, 1937)...	-	-	81,347	-	97,938
<u>ARTIFICIAL SILK AND ITS MANUFACTURES -</u>					
Artificial silk fabrics (From April 1, 1938) .....	Yd.	-	-	1,455,459	639,514
Artificial silk underwear....	-	-	91,616	-	119,221
Artificial silk clothing, n.o.p., and artificial silk and manufactures of, n.o.p. (To March 31, 1937) .....	-	-	361,608	-	-
Artificial silk clothing, n.o.p. (From April 1, 1937).	-	-	852,126	-	1,242,692
Artificial silk and manufactures of, n.o.p. (From April 1, 1937) (Excludes "Artificial silk fabrics from April 1, 1938") .....	-	-	394,797	-	268,295
Total Exports of Real and Artificial Silk and Their Manufactures .....	-	-	4,870,847	-	5,522,152
Real silk .....	-	-	3,170,700	-	3,252,430
Artificial silk .....	-	-	1,700,147	-	2,269,722

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1938.

A P P E N D I X

Firms Engaged in the Artificial and Real Silk Industry in Canada, 1938.

QUEBEC

Acton Vale Silk Mills Limited,  
Laurentian Silk Mills Limited,  
Associated Textiles of Canada Ltd.,  
(Eastern Textiles Division)  
Belding-Corticelli Limited,  
Bruck Silk Mills Limited,  
M. E. Binz Silk Company of Danville Limited,  
Canadian Celanese Limited,  
Louis Roessel & Company Limited,  
British American Silk Mills Limited,  
Carl Stohn of Canada Limited,  
Stark Brothers Ribbon Corporation of Canada  
Limited  
Associated Textiles of Canada Limited,  
M. E. Binz Company Limited,  
Belding-Corticelli Limited,  
Dominion Thread Mills,  
Albert-Godde Bedin Limited,  
Belding-Corticelli Limited,  
J. B. Martin Company Limited,  
Valleyfield Silk Mills Limited,

Acton Vale  
Cap de la Madeleine  
  
Coaticook  
Coaticook  
Cowansville  
Danville  
Drummondville  
Drummondville  
Granby  
Granby  
  
Granby  
Louiseville  
Montmagny  
1455 Shearer St., Montreal  
361 Craig St. West, Montreal  
St. Johns  
St. Johns  
St. Johns  
Valleyfield

ONTARIO

Slingsby Silks Limited,  
Courtaulds (Canada) Limited,  
Newlands & Company Limited,  
Riverside Silk Mills Limited,  
The Canada Hair Cloth Company Limited,  
Grouts' Limited,  
Dominion Silk Mills Limited,  
Dominion Rayon Weaving Company Limited,  
L. & L. Textiles Limited,

Brantford  
Cornwall  
Galt  
Galt  
St. Catharines  
Welland Avenue, St. Catharines  
2 Mark Street, Toronto  
Leaside  
221 Sterling Road, Toronto.



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