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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

1939



OTTAWA
1941

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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, 1939

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 1939 reports were received from twenty-six establishments, two less than in 1938. Nineteen of these establishments were located in Quebec, and seven in Ontario.

While the spectacular advance of the artificial and real silk industry during the depression years did not continue beyond 1935, the fluctuations occurring since that time have left the industry still well above the 1929 level. The declines reported in 1938 which were of considerable proportions, were not entirely made up in 1939, although increases occurred in the latter year as compared with the former. The gross value of production in 1939, which amounted to \$25,440,527, represented an increase of \$1,568,535 or 6.6 per cent, and the cost of materials used, \$9,872,472, was greater by \$990,315 or 11.1 per cent. Employment did not follow the upward movement, the 8,221 persons reported being 701 or 7.9 per cent fewer than in the previous year, although the amount paid out in salaries and wages, \$7,972,404, was smaller by only \$175,437 or 2.2 per cent. Total capital invested, \$32,343,433, showed an increase of \$563,230 or 1.8 per cent.

The production of woven fabrics of continuous filament artificial silk and of mixtures containing artificial silk and real silk or cotton increased from 32,509,804 yards valued at \$13,713,026 in 1938 to 38,378,208 yards with a value of \$15,722,268 in 1939. All silk woven fabrics decreased from 4,166,669 yards worth \$1,854,366 in 1938 to 1,184,119 yards valued at \$740,937 in 1939. For a further breakdown of the above, and for such other items as may be shown, see table 3.

Continuous filament artificial yarn was the leading material used, 4,656,797 pounds worth \$2,935,014 being consumed in 1939. Chemicals and dyestuffs were an important item, the cost of these being reported as \$2,530,601. Reference should be had to table 4 for such details as can be published.

Considering wage-earners only, it may be noted that the average monthly employment of males was 4,747 and of females 2,634. June with 6,410 was the month of lowest employment and January with 8,132 was the highest. In a month of normal employment males worked an average of 49.3 hours per week and their average weekly earnings were \$20.47. For females the corresponding averages were 45.7 hours and \$13.24.

Imports of real and artificial silk and their manufactures totalled \$14,135,620 in 1939. Exports were valued at \$5,400,135, the main item being socks and stockings, wholly or in part of silk, of which 505,117 dozen pairs valued at \$3,038,349 were sent out of Canada.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 1. - Principal Statistics, 1920 to 1939.

Year	Estab- lish- ments	Capital Invested	Em- ployees	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
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	5,333	4,718,590	7,633,329	17,808,598
1931	23	32,205,207	6,273	5,758,395	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	7,535,372	9,553,932	25,879,059
<u>1 9 3 5</u>						
CANADA.....	33	35,063,023	10,033	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>1 9 3 6</u>						
CANADA.....	35	34,947,643	10,139	8,877,373	10,732,371	26,930,821
Quebec.....	24	24,125,165	7,203	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>1 9 3 7</u>						
CANADA.....	29	34,135,176	10,246	9,093,437	10,453,196	27,871,292
Quebec.....	19	23,382,045	7,056	6,150,405	7,706,233	19,556,018
Ontario.....	10	10,753,131	3,190	2,943,032	2,746,963	8,315,274
<u>1 9 3 8</u>						
CANADA.....	28	31,780,203	8,922	8,147,841	8,882,157	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	2,142,956	6,558,204
<u>1 9 3 9</u>						
CANADA.....	26	32,343,433	8,221	7,972,404	9,872,472	25,440,527
Quebec.....	19	19,987,848	5,631	5,321,748	7,237,731	18,751,820
Ontario.....	7	12,355,585	2,540	2,650,656	2,634,741	6,688,707

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, 1939.

Table 2. - Comparison of Principal Statistics, 1938 and 1939

Items	1 9 3 8	1 9 3 9	+ Increase - Decrease
Establishments reporting No.	28	26	- 2
Capital invested..... \$	31,780,203	32,345,433	+ 563,230
Employees on salaries -			
Total No.	826	840	+ 14
Male..... No.	566	584	+ 18
Female No.	260	256	- 4
Total salaries..... \$	1,586,394	1,607,696	+ 21,302
Employees on wages -			
Monthly average..... No.	8,096	7,381	- 715
Male..... No.	5,065	4,747	- 318
Female..... No.	3,031	2,634	- 397
Total wages..... \$	6,561,447	6,364,708	- 196,739
Power equipment -			
Units..... No.	20,826	26,215	+ 5,389
Horsepower capacity..... H.P.	22,362	25,639	+ 3,277
Cost of fuel and electricity.. \$	967,471	1,018,749	+ 51,278
Cost of materials used..... \$	8,882,157	9,872,472	+ 990,315
Gross value of production..... \$	23,871,992	25,440,527	+ 1,568,535

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 3. - Production, 1938 and 1939.

Principal Products	Unit of Measure	1938		1939	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Woven fabrics -					
All silk.....	Yd.	4,166,669	1,854,366	1,184,119	740,937
All continuous filament artificial silk.....	"	27,867,883	11,353,248	32,366,467	12,679,151
All spun rayon.....	"	(1)	(1)	482,196	177,143
Real silk mixed with artificial silk.....	"	3,863,683	1,724,842	4,737,670	2,017,277
Continuous filament artificial silk and cotton mixtures.....	"	778,238	634,936	1,274,071	1,025,840
All other woven fabrics.....	"	511,035	520,839	562,636	573,499
Yarn and thread -					
Real silk, including mixtures.....	Lb.	208,310	545,755	200,459	545,507
Artificial silk, singles....	"	7,277,792	4,387,430	7,756,552	4,652,894
All other artificial silk, including mixtures.....	"	49,396	35,085	-	-
All other yarns and threads.	"	173,344	383,573	183,345	352,910
All other products, including ribbons, braids, tapes, hosiery (2), shoe and corset laces, waste, knitted fabrics, cellophane bags and cellophane paper for insulation.....					
	-	-	1,554,284	-	1,874,268
Custom and commission work....	-	-	877,634	-	801,101
TOTAL VALUE OF PRODUCTS.....	-	-	23,871,992	-	25,440,527

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

(2) Only a small amount of hosiery is included here. Firms producing hosiery are classified under the Hosiery and Knitted Goods Industry, and recourse may be had to that publication for figures showing the production of real and artificial silk hosiery.

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, 1939.

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 1939 is given below:

Products	Lineal yards	Selling value at factory
		\$
All continuous filament artificial silk -		
Piece dyed.....	6,890,251	2,046,322
Other.....	4,818,686	1,185,874
All spun rayon (including mixtures)....	5,148,146	1,218,444
Cotton and continuous filament artificial silk mixed -		
Grey.....	183,915	30,621
Bleached.....	148,012	37,936
Piece dyed.....	2,660,393	943,654
Other.....	118,812	33,721

Table 4. - Materials Used, 1938 and 1939.

Principal Materials	Unit of Measure	1938		1939	
		Quantity	Cost value at Factory	Quantity	Cost Value at Factory
			\$		\$
Silk, raw.....	Pound	571,335	963,957	376,916	833,688
Rayon staple fibre.....	"	(1)	(1)	559,083	279,131
Yarns -					
Silk, real.....	"	32,021	76,446	22,141	58,428
Artificial silk (continuous filament)...	"	4,024,201	2,529,656	4,356,797	2,935,014
Spun silk.....	"	24,054	50,036	30,978	56,461
Cotton.....	"	585,241	300,392	826,422	397,141
All other.....	"	314,333	377,255	441,141	425,708
Chemicals and dyestuffs.....	-	-	2,388,126	-	2,530,601
All other materials and supplies (2).....	-	-	1,260,217	-	1,458,005
Custom weaving, throwing, etc.	-	-	13,847	-	16,885
Dyeing and printing charges..	-	-	713,847	-	681,210
Packing and shipping materials.....	-	-	207,873	-	200,200
TOTAL COST OF MATERIALS USED.	-	-	8,882,157	-	9,872,472

(1) Not specified in 1938.

(2) Includes raw cotton, cotton pulp, wood pulp, woven fabrics, etc.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 5. - Capital Invested, 1927 to 1939.

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 miscellaneous 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	4,560,403	6,123,064	28,278,657
1930	18,247,649	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
<u>1 9 3 6</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>1 9 3 7</u>				
CANADA...	19,489,080	6,957,691	7,688,205	34,135,176
Quebec.....	13,389,828	5,194,474	4,797,743	23,382,045
Ontario.....	6,099,252	1,763,217	2,890,462	10,753,131
<u>1 9 3 8</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
<u>1 9 3 9</u>				
CANADA...	21,010,070	6,009,278	5,324,085	32,343,433
Quebec.....	13,019,611	4,460,338	2,507,899	19,987,848
Ontario.....	7,990,459	1,548,940	2,816,186	12,355,585

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 6. - Size of Establishments, 1937 and 1938.(x)

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.....)	193,465	136	115,477	89,220	243,132
\$100,000 to \$500,000...	2)					
\$500,000 to under \$1,000,000.....	12	2,774,756	1,076	734,629	1,453,222	2,923,212
\$1,000,000 and over....	6	3,089,837	1,524	1,227,587	2,126,563	3,889,080
	6	28,077,118	7,510	7,021,744	6,784,191	20,815,868
TOTAL.....	29	34,135,176	10,246	9,099,437	10,453,196	27,871,292
<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.....)				*	
\$100,000 to under \$500,000.....	3)					
\$500,000 to under \$1,000,000.....	13	3,870,843	1,408	1,174,398	1,598,235	3,433,306
\$1,000,000 and over....	6	3,374,540	1,428	1,187,024	2,143,626	3,959,915
	4	24,295,919	5,961	5,672,885	5,008,200	16,179,435
TOTAL.....	28	31,780,203	8,922	8,147,841	8,882,157	23,871,992

(x) Not available for 1938 at date of publication.

Table 7. - Employees by Sex and Remuneration and by Provinces, 1938 and 1939.

		CANADA	QUEBEC	ONTARIO
<u>1938</u>				
Salaried Employees -				
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
Wage-earners -				
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
All Employees -				
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

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 7. - Employees by Sex and Remuneration and by Provinces, 1938 and 1939-Concl'd.

		CANADA	QUEBEC	ONTARIO
<u>1939</u>				
Salaried Employees -				
Total.....	No.	310	626	214
Male.....	No.	584	429	155
Female.....	No.	286	197	59
Total salaries.....	\$	1,607,696	1,141,577	466,119
Wage-earners -				
Monthly average.....	No.	7,381	5,055	2,326
Male.....	No.	4,747	3,634	1,123
Female.....	No.	2,634	1,431	1,203
Total wages.....	\$	6,364,708	4,130,171	2,184,537
All Employees -				
Total.....	No.	8,221	5,681	2,540
Male.....	No.	5,331	4,053	1,278
Female.....	No.	2,830	1,628	1,262
Total salaries and wages.....	\$	7,972,404	5,321,748	2,650,656

Table 8. - Monthly Employment of Wage-earners, 1937, 1938 and 1939.

Months	1937			1938			1939		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January.....	5,562	3,527	9,089	5,360	3,225	8,585	5,137	2,995	8,132
February.....	5,687	3,657	9,344	5,442	3,272	8,714	4,130	2,952	7,082
March.....	5,687	3,645	9,330	5,132	3,117	8,249	4,801	2,820	7,621
April.....	5,678	3,691	9,369	5,067	3,010	8,077	4,680	2,612	7,292
May.....	5,633	3,634	9,267	5,004	2,869	7,873	4,568	2,511	7,079
June.....	5,373	3,530	8,903	4,780	2,764	7,530	4,297	2,113	6,410
July.....	5,445	3,611	9,056	4,833	2,834	7,717	4,260	2,222	6,482
August.....	5,610	3,714	9,330	4,853	3,004	7,857	4,484	2,411	6,895
September.....	5,603	3,687	9,290	5,074	3,035	8,169	4,633	2,046	7,279
October.....	5,511	3,625	9,136	5,072	3,061	8,133	4,883	2,937	7,820
November.....	5,471	3,671	9,142	5,110	3,053	8,166	5,002	2,837	7,839
December.....	5,622	3,653	9,280	5,068	3,013	8,087	5,102	2,844	7,946
MONTHLY AVERAGE...	5,579	3,645	9,224	5,065	3,031	8,096	4,747	2,634	7,381

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 9. - Number of Wage-earners in Month of Normal Employment with Their Regular Hours of Work per Week and Average Weekly Earnings, 1939.

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	105	125	51 - 54 hours	237	147
31 - 43 hours.....	291	524	55 hours.....	279	122
44 hours.....	196	81	56 - 64 hours.....	461	36
45 - 47 hours.....	186	544	65 hours and over.	45	1
48 hours.....	765	182	Average hours per week.....	49.3	45.7
49 - 50 hours.....	2,414	1,060	Average weekly earnings.....	\$20.47	\$13.24

The above table does not include overtime.

Table 10. - Power Equipment, 1938 and 1939.

Classes of Power	1938		1939	
	Number of Units	Manufacturers' Rating of Horsepower Capacity	Number of Units	Manufacturers' Rating of Horsepower Capacity
Steam engines and steam turbines-In use	115	3,490	13	3,470
Idle	3	650	3	650
Gasoline, gas and oil engines -In use	-	-	2	70
other than diesel..... Idle	1	125	1	125
Electric motors operated by -In use	20,620	17,821	25,956	20,976
purchased power..... Idle	187	276	240	348
TOTAL POWER AVAILABLE FOR MANUFACTURING PURPOSES.....	20,826	22,362	26,215	25,639
Electric motors operated by power generated in the establishment.....	1,432	3,633	1,439	3,606
Total Electric Motors.....	22,239	21,730	27,635	24,930
Boiler installation.....-In use	33	21,194	33	21,043
Idle	4	635	4	635

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 11. - Consumption of Fuel and Electricity, 1938 and 1939.

Kind of Fuel.	1 9 3 8		1 9 3 9	
	Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -		\$		\$
Bituminous(2000 lb.)	31,240	179,580	37,707	211,704
Anthracite..... "	9,030	35,172	10,481	49,012
Gasoline..... Imp.Gal.	5,911	1,532	8,405	2,507
Fuel or diesel oil.... " "	4,998,038	264,044	4,911,788	248,247
Gas, natural..... M cu. ft.	57	44	-	-
Other..... -	-	143	-	-
TOTAL COST OF FUEL.... -	-	480,515	-	511,470
Electricity purchased including service charges..... Kw.H.	105,113,085	486,956	111,383,125	507,279
TOTAL COST OF FUEL AND ELECTRICITY..... -	-	967,471	-	1,018,749

Table 12. - Mechanical Equipment, 1939.

	Number
Spindles -	
Throwing.....	64,712
Winding.....	33,603
Doubling and twisting.....	23,823
Spinning.....	67,071
Re-drawing.....	11,424
Reeling.....	266
Cone winding.....	4,240
Quill winding.....	3,965
Warpers.....	123
Slashers.....	23
Looms -	
41 - 48 inches.....	389
49 - 56 inches.....	2,542
57 inches and over.....	726
Velvet.....	24
Jacquard machines in place on the above looms.....	157
Dobbies in place on the above looms.....	2,518
Braiding machines.....	1,661
Hosiery knitting machines.....	110

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Tabl3 13. - Imports of Real and Artificial Silk and Their Manufactures, 1938 and 1939.

	1 9 3 8		1 9 3 9	
	Quantity Pounds	Value \$	Quantity Pounds	Value \$
REAL SILK AND MANUFACTURES -				
Silk cocoons, raw silk not more advanced than singles, not to include material wholly or partially degummed.....	2,507,683	4,305,853	2,304,618	6,340,725
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). (Included "Artificial Silk Tops" and "Garnetted Material, etc. of artificial silk" prior to April 1st, 1939).....	530,977	112,521	36,928	13,760
Yarns and warps, wholly of thrown silk in the gum, n.o.p.....	94	256	173	471
Rovings, yarns and warps, wholly of spun silk, generally known as schappe and bourette, not more advanced than singles, n.o.p.....	320	318	1,816	1,215
Rovings, yarns and warps, wholly or in part of silk, n.o.p., including threads, cords or twist for sewing, embroidering or other purposes. (Included "Silk yarns, n.o.p." prior to April 1, 1939)....	-	41,023	-	41,321

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1938 and 1939 - (Cont'd.)

	Unit of Measure	1938		1939	
		Quantity	Value	Quantity	Value
REAL SILK AND MANUFACTURES -					
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.....	Pounds	27,257	53,159	36,132	77,708
Silk yarns wholly or partially covered with metallic strip, one pound of which shall contain not less than 10,000 yds.....	-	-	-	-	2,022
Yarns, silk, n.o.p. (From April 1st, 1939).....	-	-	-	-	4,028
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	87,917	11,652	60,607	9,607
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.....	"	270,911	226,707	250,773	204,856
Woven fabrics, wholly of silk, 26 inches in width or less, n.o.p....	"	77,242	16,586	55,115	15,798
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.....	"	410,899	310,744	309,829	252,368

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1938 and 1939 - (Continued).

	Unit of Measure	1938		1939	
		Quantity	Value	Quantity	Value
REAL SILK AND MANUFACTURES -					
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.....	Yard	92,541	\$ 33,268	55,624	\$ 26,518
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.	-	-	82,237	-	84,189
Bolting cloth, not made up.....	-	-	39,601	-	88,078
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.....	-	-	895,067	-	880,889
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.....	-	-	9	-	26
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.....	-	-	87,527	-	74,648

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1938 and 1939 - (Continued).

	Unit of Measure	1938		1939	
		Quantity	Value	Quantity	Value
			\$		\$
REAL SILK AND MANUFACTURES -					
Knitted fabrics, wholly or in part of silk.....	Pound	717	1,271	1,385	2,935
Blouses and shirtwaists, silk, (To March 31st, 1939).....	Oz.	3,313	3,272	6,504	5,753
Corsets of silk (To March 31st, 1939).....	"	418	424	123	85
Shirts, silk (To March 31st, 1939).	"	535	543	24	10
Socks and stockings, wholly or in part of silk.....	-	-	13,099	-	12,930
Underwear, knitted, silk.....	Pound	1,293	1,860	240	680
Dresses, silk, women's and children's (From April 1, 1939).	Oz.	-	-	106,621	91,803
Clothing, silk, n.o.p., women's and children's (From April 1, 1939).....	"	-	-	231,653	95,348
Clothing, silk, n.o.p. (Included "Women's and children's silk clothing prior to April 1, 1939).	"	686,039	488,450	420,892	259,003
Handkerchiefs, silk.....	"	125,559	48,748	106,756	43,455
Articles made from woven fabrics and all textile manufactures, n.o.p., of which silk is the component of chief value.....	"	120,005	39,799	142,749	48,233
ARTIFICIAL SILK AND ITS MANUFACTURES -					
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. (From April 1st, 1938).....	Pound	804,342	133,893	2,539,594	567,143

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1938 and 1939 - (Cont'd.)

	Unit of Measure	1 9 3 8		1 9 3 9	
		Quantity	Value	Quantity	Value
ARTIFICIAL SILK AND ITS MANUFACTURES -			\$		\$
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.....	Pound	363,494	282,433	561,392	396,824
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.	"	976,856	439,122	1,735,614	734,446
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.....	"	10,588	9,558	16,474	15,379
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.....	"	253,799	193,228	606,509	406,467

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1938 and 1939 -(Continued).

	Unit of Measure	1938		1939	
		Quantity	Value	Quantity	Value
ARTIFICIAL SILK AND ITS MANUFACTURES -			\$		\$
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.	Pound	149,088	170,525	206,350	93,813
Artificial silk (rayon) tops. (From April 1st, 1939).....	"	-	-	21,762	7,272
Garnetted material and waste portions of unused fabrics, wholly of artificial silk or similar synthetic fibres, n.o.p. not to include remnants or mill ends. (From April, 1,1939)	"	-	-	87,771	24,902
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.....	"	1,772,226	1,681,517	1,782,027	1,709,343
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.....	-	-	194,458	-	188,047
Knitted fabrics, wholly or in part of artificial silk.....	Pound	53,617	56,391	119,925	126,427
Gloves, artificial silk (rayon). (From April 1st, 1939).....	-	-	-	-	67,837

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1938 and 1939 - (Concluded).

	Unit of Measure	1938		1939	
		Quantity	Value	Quantity	Value
ARTIFICIAL SILK AND ITS MANUFACTURES—Concluded.			\$		\$
Socks and stockings, wholly or in part of artificial silk.	Doz.Pr.	803	2,129	860	1,810
Dresses, artificial silk (rayon), women's and children's. (From April 1st, 1939)	Oz.	-	-	1,291,763	532,514
Underwear, knitted, artificial silk (rayon). (From April 1, 1939)	"	-	-	6,882	11,014
Corsets of artificial silk. (To March 1st, 1939)	"	311	234	16	5
Clothing and wearing apparel, chiefly of artificial silk, n.o.p. (Included "Women's and children's artificial silk dresses" prior to April 1, 1939)	"	1,305,328	576,533	1,695,650	375,007
Curtains, artificial silk (rayon) (From April 1st, 1939)	"	-	-	914,161	69,070
Handkerchiefs, artificial silk	"	30,168	3,848	14,532	2,912
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	"	526,247	72,460	955,841	126,799
Total Imports of Real and Artificial Silk and Their Manufactures	-	-	10,566,327	-	14,135,620
Real Silk	-	-	6,817,000	-	8,678,509
Artificial Silk (Rayon)	-	-	3,749,327	-	5,457,111

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

Table 14. - Exports of Real and Artificial Silk and Their Manufactures, 1938 and 1939.

	Unit of Measure	1938		1939	
		Quantity	Value \$	Quantity	Value \$
REAL SILK AND ITS MANUFACTURES -					
Socks and stockings wholly or in part of silk.....	Doz.Pr.	515,082	3,112,803	505,117	3,098,949
Silk clothing, n.o.p.....	-	-	41,639	-	32,717
Silk and manufactures of, n.o.p.....	-	-	97,938	-	111,935
ARTIFICIAL SILK AND ITS MANUFACTURES -					
Artificial silk fabrics (From April 1, 1938)....	Yd.	1,455,459	639,514	2,069,742	946,237
Artificial silk underwear.	-	-	119,221	-	139,141
Artificial silk dresses. (From Jan. 1, 1939).....	-	-	-	-	945,593
Artificial silk clothing, n.o.p. (Included "Artificial silk dresses" prior to Jan. 1, 1939)..	-	-	1,242,692	-	67,251
Artificial silk and manufactures of, n.o.p. (Excludes "Artificial silk fabrics from April 1, 1938").....	-	-	268,295	-	58,309
Total Exports of Real and Artificial Silk and Their Manufactures.....	-	-	5,522,152	-	5,400,135
Real silk.....	-	-	3,252,430	-	3,243,601
Artificial silk.....	-	-	2,269,722	-	2,156,534

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1939.

A P P E N D I X

Firms Engaged in the Artificial and Real Silk Industry in Canada, 1939.

QUEBEC

Acton Vale Silk Mills Limited,	Acton Vale
Laurentian Silk Mills Limited,	Cap de la Madeleine
Associated Textiles of Canada Ltd., (Eastern Textiles Division)	
Belding-Corticelli Limited,	Coaticook
Bruck Silk Mills Limited,	Coaticook
Canadian Celanese Limited,	Cowansville
Louis Roessel & Company Limited,	Drummondville
British American Silk Mills Limited,	Drummondville
Carl Stohn of Canada Limited,	Granby
Stark Brothers Ribbon Corporation of Canada Limited	Granby
Associated Textiles of Canada Limited,	Louiseville
M. E. Binz Company Limited,	Montmagny
Belding-Corticelli Limited,	1455 Shearer St., Montreal
Dominion Thread Mills,	361 Craig St. West, Montreal
Albert-Godde Bedin Limited,	62-64, 4th Ave., Iberville
Consolidated Textiles, Ltd.,	St. Hyacinthe
Belding-Corticelli Limited,	St. Johns
J. B. Martin Company Limited,	St. Johns
Valleyfield Silk Mills Limited,	Valleyfield

ONTARIO

Slingsby Silks Limited,	Brantford
Courtaulds (Canada) Limited,	Cornwall
Newlands & Company Limited,	Galt
Riverside Silk Mills Limited,	Galt
Grouts' Limited,	Welland Avenue, St. Catharines
Dominion Silk Mills Limited,	2 Mark Street, Toronto
L. & L. Textiles, Limited,	Front St. E., Toronto

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