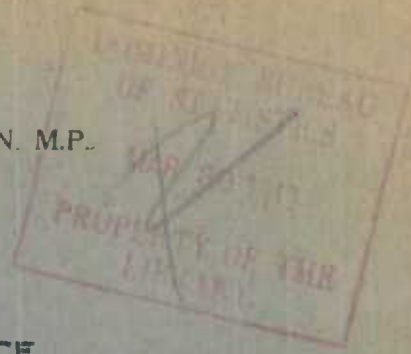


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Minister of Trade and Commerce.



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

1940



OTTAWA
1942

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, 1940.

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 the statistics in order to avoid disclosing individual information. Production must be shown on rather broad lines, an example of which is the impossibility of giving a break-down of synthetic filament yarns into the fundamental types of viscose and acetate.

In 1940 reports were received from twenty-seven establishments, one more than in 1939. Nineteen of these establishments were located in Quebec and eight in Ontario.

Fabrics, yarns, threads and all other items manufactured in the artificial and real silk industry were produced to the value of \$31,207,809 in 1940, an increase of \$5,767,282 or 22.7 per cent as compared with the previous year. This very considerable advance carried the gross value of production to a point well above the previous peak of \$28,045,340 attained in 1935. It is also noteworthy that the advance was achieved in spite of the transfer to another industry of three establishments with a combined value of production in excess of \$1,500,000. Employment was given to 8,512 persons in 1940, 291 or 3.5 per cent more than in 1939, and the payroll, \$8,757,474, represented an additional disbursement to salaried employees and wage-earners of \$785,070 or 9.8 per cent. Materials used cost \$11,662,908, an increase of \$1,790,436 or 18.1 per cent. Capital invested totalled \$38,615,058, and was greater by \$6,271,625 or 19.4 per cent than in 1939.

Fabrics woven entirely of continuous filament artificial silk were the most important products, and these were manufactured to the extent of 35,114,903 yards worth \$14,772,134 in 1940 as against a smaller total of 32,366,467 yards with a value of \$12,679,151 in 1939. The decline in the production of "real silk" and "real silk mixed with artificial silk" fabrics is shown in the total of 2,046,691 yards worth \$1,179,271 reported in 1940, the 1939 figures being 5,921,789 yards valued at \$2,758,214. Fabrics of spun rayon totalled 2,214,577 yards with a value of \$845,084. (In connection with this item it should be noted that rayon staple fibre, from which spun rayon is produced, is becoming an important material in the cotton industry, which also consumes continuous filament artificial silk yarns. The production of fabrics from such yarns, used singly or in mixtures, in the cotton yarn and cloth industry, is given in a supplementary section following table 3.) The manufacture of yarns and threads accounts for a substantial part of the gross value of products, the item artificial silk (singles) being reported to the extent of 12,738,399 pounds worth \$8,525,248. See table 3 for all available details of production.

Continuous filament artificial silk yarn was the leading material used, 6,319,783 pounds worth \$4,324,572 being consumed in 1940. Chemicals and dyestuffs used were valued at \$2,792,791. Reference should be made to table 4 for further details concerning materials.

Imports of real and artificial silk and their manufactures amounted to \$16,469,626 in 1940. Exports were valued at \$4,924,403, the main item being socks and stockings wholly or in part of silk, of which 404,167 dozen pairs worth \$2,632,334 were sent out of the country during 1940.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 1. - Principal Statistics, 1920 to 1940.

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	5,393	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	7,535,972	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
<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	7,706,233	19,556,018
Ontario	10	10,753,131	3,190	2,949,032	2,746,963	8,315,274
<u>1938</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>1939</u>						
CANADA	33	32,343,433	8,221	7,972,404	9,872,472	25,440,527
Quebec	19	19,987,848	5,681	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
<u>1940^(x)</u>						
CANADA	27	38,615,058	8,512	8,757,474	11,662,908	31,207,809
Quebec	19	24,128,775	5,676	5,647,155	8,790,568	20,347,331
Ontario	8	14,486,283	2,836	3,110,319	2,872,340	10,860,478

(x) 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.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 2. - Comparison of Principal Statistics, 1939 and 1940.

Items	1939	1940	+ Increase - Decrease
Establishments reporting No.	26	27	+ 1
Capital invested \$	32,343,433	38,615,058	+ 6,271,625
Employees on salaries -			
Total No.	840	811	- 29
Male No.	584	569	- 15
Female No.	256	242	- 14
Total salaries \$	1,607,696	1,752,648	+ 144,952
Employees on wages -			
Monthly average No.	7,381	7,701	+ 320
Male No.	4,747	5,009	+ 262
Female No.	2,634	2,692	+ 58
Total wages \$	6,364,708	7,004,826	+ 640,118
Power equipment -			
Units No.	26,215	26,262	+ 47
Horsepower capacity H.P.	25,639	26,583	+ 944
Cost of fuel and electricity.. \$	1,018,749	1,253,444	+ 234,695
Cost of materials used \$	9,872,472	11,662,908	+ 1,790,436
Gross value of production \$	25,440,527	31,207,809	+ 5,767,282

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 3. - Production, 1939 and 1940.

Principal Products	Unit of Measure	1939		1940	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Woven fabrics -					
All silk.....	Yd.	1,184,119	740,937	628,562	440,955
All continuous filament artificial silk	"	32,366,467	12,679,151	35,114,903	14,772,134
All spun rayon	"	482,196	177,143	2,214,577	845,084
Real silk mixed with artificial silk	"	4,737,670	2,017,277	1,418,129	729,316
Continuous filament artificial silk and cotton mixtures	"	1,274,071	1,025,840	1,962,955	1,681,611
Other continuous filament artificial silk and mixtures	"	(1)	(1)	890,700	703,927
All other woven fabrics...	"	562,636	573,499	702,472	490,913
Yarn and thread -					
Real silk, including mixtures	Lb.	200,459	545,507	164,562	753,412
Artificial silk, singles...	"	7,756,552	4,652,894	12,738,399	8,525,248
All other artificial silk, including mixtures	"	-	-	80,041	114,078
All other yarns and threads	"	183,345	352,910	220,089	410,413)
				-	22,600)
All other products (2)	-	-	1,874,268	-	984,669
Custom and commission work...	-	-	801,101	-	724,449
TOTAL VALUE OF PRODUCTS	-	-	25,440,527	-	31,207,809

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

(2) In 1939 included among other items, ribbons, braids, tapes, etc. produced by establishments which are now classified under the "Narrow fabrics, laces, trimmings, etc." industry.

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, 1940.

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 1940 is given below:

Products	Lineal yards	Selling value at factory
All continuous filament artificial silk -		\$
Piece dyed	6,714,865	2,050,791
Other	3,661,838	1,968,230
All spun rayon (including mixtures) ...	7,523,531	2,033,527
Cotton and continuous filament artificial silk mixed -		
Grey and bleached	108,250	24,931
Piece dyed	2,316,857	900,323

Table 4. - Materials Used, 1939 and 1940.

Principal Materials	Unit of Measure	1939		1940	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Silk, raw	Pound	376,916	833,688	278,394	801,134
Rayon staple fibre	"	559,083	279,131	972,975	306,567
Yarns -					
Silk, real	"	22,141	58,428	36,449	108,505
Artificial silk (continuous filament)...	"	4,656,797	2,935,014	6,319,783	4,324,572
Spun silk	"	30,978	56,461	37,839	86,730
Spun rayon (including spun rayon mixtures	"	196,164	92,279	384,174	212,340
Cotton	"	826,422	397,141	653,238	330,051
All other	"	441,141	425,708	181,822	293,772
Chemicals and dyestuffs	-	-	2,530,601	-	2,792,721
All other materials and supplies (1)	-	-	1,458,005	-	1,450,820
Custom weaving, throwing, etc.	-	-	16,885	-	55,835
Dyeing and printing charges..	-	-	681,210	-	702,059
Packing and shipping materials	-	-	200,200	-	197,802
TOTAL COST OF MATERIALS USED	-	-	9,872,472	-	11,662,908

(1) Includes wood pulp, woven fabrics, etc.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 5. - Capital Invested, 1927 to 1940.

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
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
<u>1 9 3 7</u>				
CANADA	19,489,080	6,957,891	7,683,205	34,135,176
Quebec	13,339,828	5,194,474	4,797,743	23,332,045
Ontario	6,099,252	1,763,417	2,890,462	10,753,131
<u>1 9 3 8</u>				
CANADA	20,847,100	6,893,935	4,034,168	31,780,203
Quebec	12,760,200	5,135,389	2,070,267	19,965,856
Ontario	8,086,900	1,758,546	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
<u>1 9 4 0</u>				
CANADA	20,786,432	7,337,537	10,491,089	38,615,058
Quebec	13,364,504	5,088,683	5,675,588	24,128,775
Ontario	7,421,928	2,248,854	4,815,501	14,486,283

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 6. - Size of Establishments, 1939 and 1940. (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>1 9 3 9</u>						
\$20,000 to Under \$50,000	2)					
\$100,000 to under \$500,000)					
\$500,000 to under \$1,000,000	13)	3,795,122	1,336	1,121,807	1,943,237	3,805,176
\$1,000,000 and over	7	4,049,614	1,527	1,313,946	2,413,753	4,498,175
\$1,000,000 and over	4	24,498,697	5,358	5,536,651	5,515,482	17,137,176
TOTAL	26	32,343,433	8,221	7,972,404	9,872,472	25,440,527
<u>1 9 4 0</u>						
\$20,000 to under \$50,000	3	171,646	44	44,595	29,769	83,518
\$50,000 to under \$100,000	4	540,070	132	130,790	170,304	357,753
\$100,000 to under \$500,000	9	2,056,996	813	689,716	1,638,479	2,870,802
\$500,000 to under \$1,000,000	6	3,869,452	1,343	1,237,700	2,539,191	4,501,920
\$1,000,000 and over	5	31,976,894	6,180	6,654,673	7,265,165	23,393,816
TOTAL	27	38,615,058	8,512	8,757,474	11,662,908	31,207,809

Table 7. - Employees by Sex and Remuneration and by Provinces, 1939 and 1940.

		CANADA	QUEBEC	ONTARIO
<u>1 9 3 9</u>				
Salaried Employees -				
Total	No.	340	626	214
Male	No.	584	429	155
Female	No.	256	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	3,624	1,123
Female	No.	2,634	1,431	1,203
Total wages	\$	6,364,708	4,180,171	2,184,537
All Employees -				
Total	No.	8,221	5,681	2,540
Male	No.	5,331	4,053	1,278
Female	No.	2,890	1,628	1,262
Total salaries and wages	\$	7,972,404	5,321,748	2,650,656

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 7. - Employees by Sex and Remuneration and by Provinces, 1939 and 1940-Concl'd.

		CANADA	QUEBEC	ONTARIO
<u>1940</u>				
Salaried Employees -				
Total	No.	811	576	235
Male	No.	569	396	173
Female	No.	242	180	62
Total salaries	\$	1,752,648	1,250,374	502,274
Wage-earners -				
Monthly average	No.	7,701	5,100	2,601
Male	No.	5,009	3,724	1,285
Female	No.	2,692	1,376	1,316
Total wages	\$	7,004,826	4,396,781	2,608,045
All Employees -				
Total	No.	8,512	5,676	2,836
Male	No.	5,578	4,120	1,458
Female	No.	2,934	1,556	1,378
Total salaries and wages	\$	8,757,474	5,647,155	3,110,319

Table 8. - Monthly Employment of Wage-earners, 1938, 1939 and 1940.

Months	1938			1939			1940		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	5,360	3,225	8,585	5,137	2,995	8,132	5,054	2,801	7,855
February	5,442	3,272	8,714	5,130	2,952	8,082	5,117	2,786	7,903
March	5,132	3,117	8,249	4,801	2,820	7,621	5,218	2,771	7,989
April	5,067	3,010	8,077	4,680	2,612	7,292	5,245	2,722	7,967
May	5,004	2,869	7,873	4,568	2,511	7,079	3,204	2,202	5,406
June	4,766	2,764	7,530	4,297	2,113	6,410	5,055	2,543	7,598
July	4,833	2,884	7,717	4,260	2,222	6,482	4,991	2,577	7,568
August	4,853	3,004	7,857	4,484	2,411	6,895	5,078	2,753	7,831
September	5,074	3,095	8,169	4,633	2,646	7,279	5,135	2,748	7,883
October	5,072	3,061	8,133	4,883	2,937	7,820	5,200	2,836	8,036
November	5,110	3,056	8,166	5,002	2,897	7,899	5,359	2,859	8,218
December	5,068	3,019	8,087	5,102	2,844	7,946	5,426	2,815	8,241
MONTHLY									
AVERAGE.....	5,065	3,031	8,096	4,747	2,634	7,381	5,009	2,692	7,701

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 9. - Number of Hours Worked by Wage-Earners During one week together with Average Weekly Earnings, 1939 and 1940.

Number of Hours Worked per Week	1939 (1)		1940 (2)	
	Male	Female	Male	Female
	No.	No.	No.	No.
30 hours or less	105	125	150	144
31 - 43 hours	291	524	461	592
44 hours	196	81	49	72
45 - 47 hours	186	544	131	274
48 hours	765	182	712	167
49 - 50 hours	2,414	1,060	1,954	929
51 - 54 hours	237	147	459	304
55 hours	279	122	426	201
56 - 64 hours	461	36	834	188
65 hours and over	45	1	230	-
Average hours per week	49.3	45.7	50.6	46.5
Average weekly earnings	\$20.47	13.24	21.48	13.86

(1) One week in month of normal employment, and overtime not included.

(2) One week in month of highest employment, and overtime included.

Table 10. - Power Equipment, 1939 and 1940.

Classes of Power	1939		1940	
	Number of Units	Manufacturers' Rating of Horsepower Capacity	Number of Units	Manufacturers' Rating of Horsepower Capacity
Steam engines and steam turbines-				
In use	13	3,470	16	4,007
Idle	3	650	2	500
Gasoline, gas and oil engines				
-In use	2	70	2	70
other than diesel				
Idle	1	125	1	125
Electric motors operated by				
-In use	25,956	20,976	26,099	21,673
purchased power				
Idle	240	348	142	208
TOTAL POWER AVAILABLE FOR MANUFACTURING PURPOSES	26,215	25,639	26,262	26,583
Electric motors operated by power generated in the establishment	1,439	3,606	1,646	3,646
Total Electric Motors	27,635	24,930	27,887	25,527
Boiler installation				
In use	33	21,043	31	21,056
Idle	4	635	1	85

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 11. - Consumption of Fuel and Electricity, 1939 and 1940.

Kind of Fuel	1939		1940	
	Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -		\$		\$
Bituminous(2000 lb.)	37,707	211,704	52,485	325,626
Anthracite "	10,481	49,012	11,542	70,818
Gasoline †..... Imp.Gal.	8,405	2,507	9,162	2,157
Fuel or diesel oil.. " "	4,911,788	248,247	5,011,094	284,574
Gas, natural M cu.ft.	-	-	-	-
Other	-	-	-	88
TOTAL COST OF FUEL.. -	-	511,470	-	683,263
Electricity purchased including service charges Kw.H.	111,383,125	507,279	114,639,793	570,181
TOTAL COST OF FUEL AND ELECTRICITY.... -	-	1,018,749	-	1,253,444

+ In 1940 gasoline used included that used in cars and trucks.

Table 12. - Mechanical Equipment, 1940.

	Number
Spindles -	
Throwing	77,324
Winding	31,732
Doubling and twisting	33,484
Spinning	63,174
Re-drawing	10,322
Reeling	264
Cone winding	1,614
Quill winding	4,091
Warpers	126
Slashers	22
Looms -	
41 - 48 inches	617
49 - 56 inches	2,481
57 inches and over	914
Velvet	44
Jacquard machines in place on the above looms	176
Dobbies in place on the above looms	2,888
Knitting machines	177

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1939 and 1940.

	1939		1940	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
REAL SILK AND MANUFACTURES -				
Raw silk and cocoons not degummed..	2,304,618	6,340,725	2,392,833	7,521,009
Garnetted silk wastes, waste silk fabric and silk wastes, n.o.p., not including remnants nor mill and (included "loose fibres in staple lengths, wholly of artificial silk etc." prior to April 1 (1938) Included "Artificial silk tops" and "Garnetted material, etc. of artificial silk" prior to April 1, 1939)	36,928	13,760	-	-
Yarns thrown silk, in the gum, n.o.p.	173	471	52	177
Yarns, singles, spun silk, n.o.p.	1,816	1,215	435	374
Threads, cords or twist, silk, n.o.p. (Included "Silk yarns, n.o.p.," prior to April 1, 1939)	-	41,321	-	33,091

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1939 and 1940 - (Cont'd.)

	Unit of Measure	1939		1940	
		Quantity	Value \$	Quantity	Value \$
REAL SILK AND MANUFACTURES -					
Yarns, silk, in the gum, and spun silk, not coloured, for knitting underwear, for weaving, or for silk thread	Pounds	36,132	77,708	65,416	131,304
Yarns, silk, metallic covered	-	-	2,022	-	-
Yarns, silk, n.o.p. (From April 1st, 1939)	-	-	4,028	-	8,578
Woven fabrics, silk, in the gum, not less than 20 inches in width, to be dyed and finished in Canada	Yard	60,607	9,607	51,050	9,542
Woven fabrics, of silk, not to contain wool, not including fabrics in chief part by weight of artificial silk, n.o.p.	"	250,773	204,856	120,598	158,636
Woven fabrics, silk, 26 inches in width or less, n.o.p.	"	55,115	15,798	28,732	8,247
Woven fabrics with cut pile, velvets and plushes, exceeding 24 inches in width	"	309,829	252,368	352,028	308,764
Woven fabrics with cut pile, velvets and plushes, 24 inches in width or less, n.o.p.	"	55,624	26,518	40,316	20,965
Woven fabrics not exceeding 12 inches in width, ribbons, silk..	-	-	84,189	-	96,126
Bolting cloth, not made up	-	-	88,078	-	76,099
Woven fabrics, not made in Canada, silk or artificial silk, in the web, in lengths of not less than 5 yards for neckties, scarves or mufflers	-	-	880,889	-	900,057

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1939 and 1940 - (Cont'd.)

	Unit of Measure	1 9 3 9		1 9 4 0	
		Quantity	Value \$	Quantity	Value \$
REAL SILK AND MANUFACTURES -					
Irish poplin for neckties, scarves or mufflers.....	-	-	26	-	-
Umbrella - covering fabrics, not made in Canada, with hemmed selvages, when imported in lengths of not less than ten yards each. For umbrellas	-	-	74,642	-	131,880
Knitted fabrics, silk	Pound	1,385	2,925	588	1,837
Blouses and shirtwaists, silk, (To March 31st, 1939)	Oz.	6,504	5,756	-	-
Corsets of silk (To March 31st, 1939)	"	128	85	-	-
Shirts, silk (To March 31st, 1939).	"	24	10	-	-
Socks and stockings, wholly or in part of silk	-	-	12,930	-	20,977
Underwear, silk knitted	Pound	240	680	23	226
Dresses, silk, women's and children's (From April 1, 1939)..	Oz.	106,621	91,803	80,903	71,615
Clothing, silk, n.o.p., women's and children's (From April 1, 1939)	"	231,652	95,348	304,545	103,031
Clothing, silk, n.o.p. (Included "Women's and children's silk clothing prior to April 1, 1939).	"	420,892	259,003	199,061	128,529
Handkerchiefs, silk	"	106,756	43,435	62,388	28,116
Silk manufactures, n.o.p.,	"	142,749	48,283	53,928	18,036

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1939 and 1940 - (Cont'd.)

	Unit of Measure	1939		1940	
		Quantity	Value	Quantity	Value
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.	Pound	2,569,594	567,143	4,180,609	926,946
Yarns artificial silk, acetate, singles, not coloured, not more than seven turns to the inch	"	561,392	396,824	1,494,332	1,092,265
Yarns artificial silk singles, n.o.p., not coloured, not more than seven turns to the inch	"	1,735,614	734,443	1,099,554	645,723
Yarns, threads, cords or twist, artificial silk, and yarns, artificial silk, covered with metallic strip, produced from cellulose acetate	"	16,474	15,379	52,528	44,588
Yarns, threads, cords or twist, artificial silk and yarns, artificial silk, covered with metallic strip, n.o.p.	"	606,509	406,467	685,011	533,542
Yarns, artificial silk, not coloured, cut pile fabrics	"	208,350	93,813	160,830	85,661
Artificial silk (rayon) tops. (From April 1st, 1939)	"	21,762	7,272	44,267	17,415
Garnetted material and waste portions of unused fabrics, wholly of artificial silk, n.o.p. not to include remnants or mill ends. (From April 1, 1939)	"	87,771	24,902	156,043	66,308
Woven fabrics, artificial silk, not to contain wool, not including fabrics in chief part by weight of silk, n.o.p.	"	1,782,027	1,709,343	1,215,553	1,412,517

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1939 and 1940 - (Cont'd.)

	Unit of Measure	1939		1940	
		Quantity	Value	Quantity	Value
ARTIFICIAL SILK AND ITS MANUFACTURES - Con.			\$		\$
Woven fabrics, not artificial silk, exceeding twelve inches in width, generally known as "ribbons"	-	-	188,047	-	207,750
Knitted fabrics, artificial silk	Pound	119,925	126,427	76,267	97,111
Gloves, artificial silk (rayon) (From April 1st, 1939)	-	-	67,887	-	232,909
Socks and stockings, artificial silk	Doz.Pr.	860	1,810	1,174	7,444
Dresses, artificial silk (rayon) women's and children's. (From April 1st, 1939).....	Oz.	1,291,763	532,544	1,530,183	711,265
Underwear, knitted, artificial silk (rayon). (From April 1, 1939)	"	6,882	11,014	3,270	6,311
Corsets of artificial silk. (To March 1st, 1939)	"	16	5	-	-
Clothing, artificial silk, n.o.p. (Included "Women's and children's artificial silk dresses" prior to April 1, 1939)	"	1,695,650	375,007	1,339,141	249,407
Curtains, artificial silk (rayon) (From April 1st, 1939)	"	914,161	69,070	1,989,242	159,825
Handkerchiefs, artificial silk..	"	14,532	2,912	16,680	3,510
Artificial silk manufactures, n.o.p.	"	965,841	126,799	1,432,119	191,833
Total Imports of Real and Artificial Silk and Their Manufactures	-	-	14,135,520	-	16,469,626
Real Silk	-	-	8,678,489	-	9,777,226
Artificial Silk (Rayon)	-	-	5,457,111	-	6,692,400

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

Table 14. - Exports of Real and Artificial Silk and Their Manufactures, 1939 and 1940.

	Unit of Measure	1939		1940	
		Quantity	Value \$	Quantity	Value \$
REAL SILK AND ITS MANUFACTURE -					
Socks and stockings wholly or in part silk.	Doz.Prs.	505,117	3,098,949	404,167	2,632,334
Silk clothing, n.o.p. ...	-	-	32,717	-	13,130
Silk and manufactures of, n.o.p.	-	-	111,935	-	119,373
ARTIFICIAL SILK AND ITS MANUFACTURES -					
Artificial silk fabrics..	Yd.	2,069,742	946,237	2,589,332	1,098,079
Artificial silk under-wear	-	-	139,141	-	214,561
Artificial silk dresses..	-	-	945,596	-	678,594
Artificial silk clothing n.o.p.	-	-	67,251	-	81,845
Artificial silk and manufactures of, n.o.p. ...	-	-	58,309	-	86,487
Total Exports of Real and Artificial Silk and Their Manufactures	-	-	5,400,135	-	4,924,403
Real silk	-	-	3,243,601	-	2,764,837
Artificial silk	-	-	2,156,534	-	2,159,566

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1940.

A P P E N D I X

Firms Engaged in the Artificial and Real Silk Industry in Canada, 1940.

QUEBEC

Acton Vale Silk Mills Limited,	Acton Vale
Laurentian Silk Mills Limited,	Cap de la Madeleine
Associated Textiles of Canada Ltd., (Eastern Textiles Division)	
Bruck Silk Mills Limited	Coaticook
Canadian Celanese Limited,	Cowansville
Canadian Royal Velvets,	Drummondville
Louis Roessel & Company Limited,	Drummondville
British American Silk Mills Limited,	Drummondville
Carl Stohn of Canada Limited	Granby
Associated Textiles of Canada Limited,	Granby
M. E. Binz Company Limited	Louiseville
Aux Tissages Francais Limited,	Montmagny
Dominion Thread Mills,	445 St. Helen Street, Montreal
Albert-Codde Bedin Limited,	52 Nazareth Street, Montreal
National Hosiery Mills Limited,	62-64, 4th Ave., Iberville
Belding-Corticelli Limited,	Richmond
J. B. Martin Company Limited,	St. Johns
Sutton Silk Mills Limited,	St. Johns
Valleyfield Silk Mills Limited,	Sutton
	Valleyfield

ONTARIO

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

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