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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

GENERAL MANUFACTURES BRANCH



REPORT

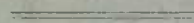
ON THE

ARTIFICIAL AND REAL SILK INDUSTRY

IN

CANADA

1936



OTTAWA
1937

Statistics published in this report cover only those establishments which manufacture principally artificial and real silk fabrics, yarns, embroidery thread, etc. Statistics for specific products are, therefore, not to be regarded as the total production in Canada as some of these products are also found as secondary products in the "cotton yarn and cloth" and "cotton thread" industries.

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, 1936.

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.

The outstanding feature of the textile situation in Canada was the spectacular expansion of the silk industry during the depression years, at a time when practically all other industries were experiencing a diminishing demand for their products. While other industries had to struggle hard to regain the 1929 level of production, this industry has since then recorded an increase of 23 per cent in capital investment, 133 per cent in number of employees, 132 per cent in salary and wage payments, 76 per cent in cost of materials used and 86 per cent in gross value of production.

In 1936 the gross value of production was \$26,930,821, a decrease over the 1935 figures of \$1,114,519 or 3.9 per cent. The amount of capital investment was \$34,947,643 a decrease of \$115,380 or 0.3 per cent, employment was furnished to 10,189 salaried employees and wage-earners which was an increase of 101 persons or 1.0 per cent over the number furnished with employment in 1935 while \$8,877,373 was paid out in salaries and wages, which represented an increase of \$506,336 or 6.0 per cent. The cost of raw and other materials used, amounting to \$10,732,371 decreased by \$214,368 or 2.0 per cent.

In 1936 reports were received from thirty-five establishments. This was an increase of two over the number reporting the previous year. Quebec and Ontario accounted for all manufacturing activities in the silk industry.

The principal items of production in 1936 were fabrics of real silk, artificial silk and real and artificial silk mixed, their combined production in 1936 amounting to 36,326,911 yards worth \$15,995,020, which represented nearly 60 per cent of the total value of production. The corresponding figures for 1935 were 39,238,980 yards valued at \$17,412,742 or 62 per cent of the total. The 1936 production of real silk fabrics was 6,051,730 yards with a selling value at the factory of \$3,052,734 or an average price of fifty cents per yard. This is a decrease of 3,931,667 yards as compared with the previous year. The output of artificial silk fabrics was, however, well maintained. The production in 1936 was 26,963,190 yards with a factory selling value of \$11,162,833, or an average price of forty-one cents per yard. Real and artificial silk mixtures to the extent of 3,311,991 yards were produced with a selling value of \$1,779,453 or an average price per yard of fifty-four cents, the average price in 1935 being fifty-three

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

cents. The production of real and artificial silk yarns, threads, embroidery, etc. for sale amounted to 8,760,034 pounds worth \$6,012,924 in 1936 as against an output of 8,977,644 pounds valued at \$6,451,771 in 1935.

The principal single item of materials consumed in both 1935 and 1936 was raw silk, and in the latter year this consumption amounted to 859,103 pounds costing \$1,581,571. The corresponding consumption in 1935 was 1,184,535 pounds valued at \$1,795,291. Yarns of all kinds were used to the extent of 5,723,272 pounds costing \$4,385,027 and the 1935 figures were 5,143,058 pounds costing \$4,276,172. Chemicals of all kinds and dyes were used to the extent of \$2,580,707 in 1936 and \$2,642,480 in 1935. These items are shown in detail in table 4 of the report.

By referring to table 6 it will be observed that the bulk of production, capital investment and employment is accounted for by five and six establishments. In the case of production, six establishments had an output valued at \$18,605,731 or 69 per cent of the total value of production. Five establishments supplied \$26,921,503 of the total amount of capital investment, or 77 per cent of the total, while five establishments furnished employment to 6,957 persons, or 68 per cent of the total number given employment.

In 1936 the average number of wage-earners showed a decrease of 16 over 1935. In 1936, February with 9,345 wage-earners was the month of maximum employment, while July with 8,763 was the minimum. In 1935, December with 9,546 wage-earners was the maximum month, while January with 8,792 was the minimum.

Imports of real and artificial silk and their manufactures showed a decrease in 1936, the value in that year being \$9,328,683 as against a valuation of \$10,391,053 in 1935. Imports of real silk were \$6,780,074 in 1936 and \$8,313,914 in 1935, of artificial silk \$2,548,609 in 1936 and \$2,077,139 in 1935.

The exports of real and artificial silk and their manufactures show an increase in 1936 in which year the value was \$3,818,158 as compared to \$2,790,523 in 1935. The value of the real silk and its manufactures exported amounted to \$2,979,881 in 1936 as compared to \$2,271,484 in 1935, while the artificial silk and its manufactures were valued at \$838,277 in 1936 and \$519,039 in 1935. Silk stockings and socks are the main products exported. In 1936 the exports totalled 431,583 dozen pair valued at \$2,720,350. This was an increase over 1935 of 127,687 dozen pair in the volume and \$754,448 in the value. All exports of real and artificial silk manufactures are shown in detail in table 14.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 1. - Principal Statistics, 1918 to 1936.

Year	Estab- lish- ments	Capital Invested	Em- p- loyees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1918	7	2,890,431	975	438,695	1,436,229	2,451,220
1919	8	3,661,373	1,294	698,760	1,975,539	3,317,181
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
1922	7	4,618,448	1,467	1,236,130	2,267,250	4,675,205
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
1927	14	22,327,818	2,890	2,339,971	4,016,631	9,570,917
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
<u>1932</u>						
CANADA	24	28,021,412	7,036	5,756,865	7,858,104	19,864,843
Quebec	15	19,449,406	4,907	3,834,856	5,629,907	13,844,989
Ontario	9	8,572,006	2,129	1,922,009	2,228,197	6,019,854
<u>1933</u>						
CANADA	29	30,192,870	7,801	6,138,532	7,795,542	22,754,969
Quebec	20	21,132,257	5,512	4,132,769	5,562,834	15,563,612
Ontario	9	9,060,613	2,289	2,005,763	2,232,708	7,191,357
<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

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 2. - Comparison of Principal Statistics, 1935 and 1936.

Items	1 9 3 6	1 9 3 5	+ Increase - Decrease
Establishments reporting No.	35	33	+ 2
Capital invested \$	34,947,643	35,063,023	- 115,380
Employees on salaries -			
Total No.	1,021	904	+ 117
Male No.	668	593	+ 75
Female No.	353	311	+ 42
Total salaries \$	2,011,144	1,653,953	+ 357,191
Employees on wages -			
Monthly average No.	9,168	9,184	- 16
Male No.	5,687	5,551	+ 136
Female No.	3,481	3,633	- 152
Total wages \$	6,866,229	6,717,084	+ 149,145
Power equipment -			
Units No.	20,662	20,109	+ 553
Horsepower capacity H.P.	20,729	21,118	- 389
Cost of fuel and electricity \$	976,941	931,738	+ 45,203
Cost of materials used \$	10,732,371	10,946,739	- 214,368
Gross value of production \$	26,930,821	28,045,340	- 1,114,519

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 3. - Production, 1935 and 1936.

Principal Products	Unit of Measure	1936		1935	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Broad Silk -					
Real silk	Yard	6,051,730	3,052,734	9,983,397	4,678,798
Artificial silk	"	26,963,190	11,162,833	25,313,896	10,636,530
Real and artificial silk, mixed	"	3,311,991	1,779,453	3,941,687	2,097,414
Artificial silk and cotton, mixed	"	1,066,302	762,651	990,224	731,733
Knitted fabric, Velvet and other woven fabric	"	1,463,124	824,929	172,784	232,149
Real and artificial silk yarns, threads, embroidery thread and their mixtures spun for sale	Pound	8,760,034	6,012,924	8,977,644	6,451,771
All other products, including ribbons, braids and bindings, hosiery and laces .	-	-	2,379,397	-	2,241,745
Custom and commission work	-	-	955,900	-	975,200
TOTAL VALUE OF PRODUCTS	-	-	26,930,821	-	28,045,340

The following fabrics were also manufactured in the Cotton Yarn and Cloth Industry in 1936.

		<u>Quantity</u>	<u>Selling Value at Factory</u>
			\$
Artificial silk	Yards	14,022,432	3,667,232
Cotton and artificial silk mixtures .	"	2,744,061	765,127

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 4. - Materials Used, 1935 and 1936.

Principal Materials	Unit of Measure	1 9 3 6		1 9 3 5	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Silk, raw	Pound	859,103	1,581,571	1,184,535	1,795,291
Yarns -					
Silk	"	326,039	602,650	593,415	944,477
Artificial silk	"	4,309,785	2,834,916	3,722,419	2,695,331
Spun silk	"	49,093	85,919	52,505	96,308
Cotton	"	741,843	428,391	647,364	371,524
Woollen, worsted and botany	"	229,155	348,063	21,261	35,563
All other	"	67,357	85,088	106,094	132,969
Acids	"	-	414,151	-	393,696
Sodas	"	-	416,072	-	436,533
Solvents	"	-	4,162	-	18,829
Bleaches	"	-	1,948	-	1,818
Dyestuffs	"	-	472,514	-	506,651
Other chemicals and dyes	"	-	1,271,860	-	1,284,953
All other materials	"	-	1,000,989	-	1,073,608
Throwing, weaving and commission work	"	-	29,656	-	-
Dyeing and printing charges	"	-	915,658	-	910,645
Spools and paper cones	"	-	23,242	-	25,889
Packing and shipping materials	"	-	215,521	-	222,654
TOTAL COST OF MATERIALS USED		-	10,732,371	-	10,946,739

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 5. - Capital Invested, 1927 to 1936.

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	4,360,403	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
<u>1933</u>				
CANADA	18,844,213	4,060,272	7,288,395	30,192,870
Quebec	13,475,239	3,061,904	4,595,114	21,132,257
Ontario	5,368,974	998,368	2,693,271	9,060,613
<u>1934</u>				
CANADA	22,247,906	4,917,200	7,027,786	34,192,892
Quebec	15,340,101	3,811,781	4,290,544	23,442,426
Ontario	6,907,805	1,105,419	2,737,242	10,750,466
<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

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 6. - Size of Establishments, 1935 and 1936.

Establishments having a Production of:	1936			1935		
	Estab-lish-ments	Total Production	Average Production per Estab-lishment	Estab-lish-ments	Total Production	Average Production per Estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$200,000 ...	14	1,194,295	85,307	11	1,107,704	100,700
\$200,000 to under \$500,000	9	3,010,936	334,548	11	3,854,187	350,381
\$500,000 to under \$1,000,000	6	4,119,859	686,643	6	4,412,543	735,424
\$1,000,000 and over	6	18,605,731	3,100,955	5	18,670,906	3,734,181
TOTAL AND AVERAGE .	35	26,930,821	769,452	33	28,045,340	849,859
Establishments having a Capital Investment of:	Estab-lish-ments	Total Capital	Average Capital per Estab-lishment	Estab-lish-ments	Total Capital	Average Capital per Estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$200,000 ...	13	941,501	72,423	12	1,172,544	97,712
\$200,000 to under \$500,000	11	3,255,041	295,913	9	2,427,745	269,749
\$500,000 to under \$1,000,000	6	3,829,598	638,266	6	4,270,467	711,745
\$1,000,000 and over	5	26,921,503	5,384,301	6	27,192,267	4,532,045
TOTAL AND AVERAGE .	35	34,947,643	998,504	33	35,063,023	1,062,516
Establishments having an Average Employment of:	Estab-lish-ments	Total Employees	Average Employees per Estab-lishment	Estab-lish-ments	Total Employees	Average Employees per Estab-lishment
	No.	No.	No.	No.	No.	No.
20 to under 50 employees	12	334	27.8	10	355	35.5
50 to under 100 employees	7	512	73.1	5	363	72.6
100 to under 200 employees	6	919	153.2	6	886	147.7
200 to under 500 employees	5	1,467	293.4	7	1,960	280.0
500 employees and over	5	6,957	1,391.4	5	6,524	1,304.8
TOTAL AND AVERAGE .	35	10,189	291.1	33	10,088	305.7

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 7. - Employees by Sex and Remuneration and by Provinces, 1935 and 1936.

		CANADA	QUEBEC	ONTARIO
<u>1936</u>				
Salaried Employees -				
Total	No.	1,021	839	182
Male	No.	668	534	134
Female	No.	353	305	48
Total salaries	\$	2,011,144	1,609,701	401,443
Wage-earners -				
Monthly average	No.	9,168	6,369	2,799
Male	No.	5,687	4,276	1,411
Female	No.	3,481	2,093	1,388
Total wages	\$	6,866,229	4,656,243	2,209,986
All Employees -				
Total	No.	10,189	7,208	2,981
Male	No.	6,355	4,810	1,545
Female	No.	3,834	2,398	1,436
Total salaries and wages ..	\$	8,877,373	6,265,944	2,611,429
<u>1935</u>				
Salaried Employees -				
Total	No.	904	721	183
Male	No.	593	462	131
Female	No.	311	259	52
Total salaries	\$	1,653,953	1,274,929	379,024
Wage-earners -				
Monthly average	No.	9,184	6,379	2,805
Male	No.	5,551	4,101	1,450
Female	No.	3,633	2,278	1,355
Total wages	\$	6,717,084	4,352,525	2,364,559
All Employees -				
Total	No.	10,088	7,100	2,988
Male	No.	6,144	4,563	1,581
Female	No.	3,944	2,537	1,407
Total salaries and wages ..	\$	8,371,037	5,627,454	2,743,583

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 8. - Monthly Employment, 1934, 1935 and 1936 of Wage-earners.

Months	1 9 3 4			1 9 3 5			1 9 3 6		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	4,666	3,372	8,038	5,303	3,489	8,792	5,618	3,553	9,171
February	4,820	3,491	8,311	5,416	3,535	8,951	5,764	3,581	9,345
March	4,916	3,512	8,428	5,433	3,511	8,944	5,703	3,551	9,254
April	5,039	3,521	8,560	5,526	3,537	9,063	5,746	3,512	9,258
May	5,103	3,466	8,569	5,551	3,540	9,091	5,703	3,390	9,093
June	5,092	3,408	8,500	5,513	3,557	9,070	5,564	3,387	8,951
July	4,889	3,301	8,190	5,469	3,575	9,044	5,485	3,278	8,763
August	4,764	3,309	8,073	5,489	3,708	9,197	5,674	3,375	9,049
September	4,797	3,269	8,066	5,681	3,762	9,443	6,639	3,515	9,154
October	4,847	3,348	8,195	5,749	3,791	9,540	5,741	3,541	9,282
November	4,895	3,384	8,279	5,704	3,819	9,523	5,782	3,552	9,334
December	5,036	3,414	8,460	5,774	3,772	9,546	5,808	3,518	9,326
MONTHLY AVERAGE.	4,907	3,401	8,308	5,551	3,633	9,184	5,687	3,481	9,168

Table 9. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1935 and 1936.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1936	1935		1936	1935
40 hours or less	32	102	51 - 53 hours	2,148	1,844
41 - 43 hours	72	102	54 hours	13	60
44 hours	187	59	55 hours	3,019	2,858
45 - 47 hours	175	118	56 - 59 hours ...	943	1,174
48 hours	304	1,433	60 hours and over.	204	299
49 - 50 hours	2,835	2,012			

The above table does not include overtime.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 10. - Power Equipment, 1936.

Classes of Power	1 9 3 6			
	Ordinarily in Use		In reserve or Idle	
	Number of Units	Manufacturers' Rating of Horsepower Capacity	Number of Units	Manufacturers' Rating of Horsepower Capacity
Steam engines and steam turbines	13	3,370	2	600
Gasoline, gas and oil engines other than diesel	-	-	1	125
Electric motors operated by purchased power	20,580	16,459	66	175
TOTAL POWER AVAILABLE FOR MANUFACTURING PURPOSES	20,593	19,829	69	900
Electric motors operated by power generated in the establishment	1,290	3,076	-	-
Total Electric Motors	21,870	19,535	66	175
Boiler installation	28	8,603	11	1,371

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 11. - Consumption of Fuel and Electricity, 1935 and 1936.

Kinds of Fuel	Unit of Measure	1936		1935	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Coal -	Ton				
Bituminous	(2000 lbs.)	30,458	173,445	30,002	170,812
Anthracite	"	10,156	43,147	9,544	40,078
Lignite	"	-	-	-	-
Gasoline	Imp. Gal.	9,318	2,141	7,479	1,631
Fuel or diesel oil .	" "	5,017,984	276,484	4,093,589	234,246
Wood	Cord	119	473	164	301
Other fuel	-	-	59	-	-
TOTAL COST OF FUEL .	-	-	495,749	-	447,068
Electricity purchased (including service charges	Kw.H.	103,602,523	481,192	104,280,069	484,670
TOTAL COST OF FUEL AND ELECTRICITY ...	-	-	976,941	-	931,738

Table 12. - Mechanical Equipment, 1934, 1935 and 1936.

	1934	1935	1936
	No.	No.	No.
Spindles -			
Throwing	52,022	51,870	59,718
Winding	38,860	36,082	39,062
Spinning and twisting	61,371	54,647	64,119
Redrawing	10,064	9,471	11,898
Reeling	537	665	444
Spinning	18,316	17,614	19,204
Doublers	7,127	7,240	7,288
Cone winders	-	-	1,422
Quillers and Quilling	-	-	3,348
Others	661	-	1,212
Looms - (with or without Jacquard attachment) -			
40 inch or under reed space	575	476	559
Over 40 inch reed space	2,868	3,384	3,427
Ribbon	91	98	66
Velvet	-	44	44
Other	-	-	45
Jacquard machines (include all, whether operated with or disconnected from looms	238	228	132

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 12. - Mechanical Equipment, 1934, 1935 and 1936. - (Concl'd.)

	1934	1935	1936
	No.	No.	No.
Braiding machines	1,653	1,592	1,631
Hosiery and knitting machines	166	210	226
Redrawers	298	318	47
Other machinery -			
Warpers	79	103	65
Cone winders	239	181	-
Winding frames	185	243	246
Stretchers	6	13	12
All other +	2,261	1,308	533

+ The decrease during the past few years is mainly due to the changes in the method of reporting.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1935 and 1936.

	1936		1935	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
REAL SILK AND MANUFACTURES -				
Silk cocoons, raw silk not more advanced than singles, not to include material wholly or partially degummed	2,145,790	3,866,972	3,274,721	5,344,408
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, artificial silk or similar synthetic fibres, produced by chemical processes, not more advanced than in the form of sliver, waste portions of unused fabrics, wholly of silk, artificial silk or similar synthetic fibres, n.o.p., not to include remnants nor mill ends	404,939	99,021	170,467	57,815

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1935 and 1936 - (Cont'd.)

	Unit of Measure	1 9 3 6		1 9 3 5	
		Quantity	Value	Quantity	Value
REAL SILK AND MANUFACTURES			\$		\$
Yarns and warps, wholly of thrown silk in the gum, n.o.p.	Pound	621	1,924	329	767
Rovings, yarns and warps, wholly of spun silk, generally known as schappe and bourette, not more advanced than singles, n.o.p.	"	7,064	12,816	16,447	26,570
Rovings, yarns and warps, wholly or in part of silk, n.o.p., including threads, cords or twist for sewing, embroidering or other purposes			37,176		60,140
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	Pound	41,586	88,149	44,631	87,917
Woven fabrics, wholly or in chief part by weight of silk, in the gum, not degummed or bleached, not less than 20 inches in width, weighing not more than 7 pounds per 100 yards, imported for the purpose of being degummed and finished in Canada ...	Yard	128,917	18,375	64,903	13,059
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. ..	"	447,496	321,455	422,247	312,794
Woven fabrics, wholly of silk, 26 inches in width or less, n.o.p.	"	450,194	39,297	324,100	30,834

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1935 and 1936 - (Cont'd.)

	Unit of Measure	1936		1935	
		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, exceeding 24 inches in width	Yard	449,205	420,231	568,037	523,671
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. ..	"	73,018	39,722	116,424	55,380
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	"	-	86,827	-	67,573
Bolting cloth, not made up ..	"	-	44,824	-	45,967
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	"	-	883,253	-	856,366

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1935 and 1936 - (Cont'd.)

	Unit of Measure	1 9 3 6		1 9 3 5	
		Quantity	Value	Quantity	Value
REAL SILK AND MANUFACTURES			\$		\$
Woven fabrics, of a kind not made in Canada, wholly or in chief part by weight of silk or artificial silk, or both, or with warps, wholly of silk, and not exceeding 26 inches in width and with at least one natural selvage imported in the web in lengths of not less than ten yards each by manufacturers of umbrellas for use in the manufacture of umbrellas in their own factories	-	-	60,342	-	67,053
Knitted fabrics, wholly or in part of silk	Pound	833	1,690	116	385
Blouses and shirtwaists, silk	Oz.	8,865	5,867	9,655	8,122
Corsets of silk	"	72	132	117	220
Shirts, silk	"	893	348	1,519	911
Socks and stockings, wholly or in part of silk	Doz.Pr.	766	10,693	842	11,605
Underwear, knitted, silk ...	Pound	69	890	153	1,290
Clothing, silk, n.o.p.	Oz.	977,223	664,568	977,510	676,549
Handkerchiefs, silk	"	101,972	39,961	60,911	31,464
Articles made from woven fabrics and all textile manufactures, n.o.p., of which silk is the component of chief value	"	93,488	35,541	81,915	33,054
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 .	Pound	228,774	139,161	1,009,996	621,595

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1935 and 1936 - (Cont'd.)

	Unit of Measure	1936		1935	
		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. (From May 1, 1936	Pound	181,820	158,797	-	-
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. (From May 1, 1936)	"	618,072	346,870	-	-
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. (From May 1, 1936.)	"	9,330	7,025	-	-

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1935 and 1936. - (Cont'd.)

	Unit of Measure	1 9 3 6		1 9 3 5	
		Quantity	Value	Quantity	Value
ARTIFICIAL SILK AND ITS MANUFACTURES			\$		\$
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. (From May 1, 1936.) ...	Pound	73,000	65,335		
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, embroidery or other purposes, not to contain silk	"	37,537	39,306	125,599	117,793
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 (From April 18, 1934) ..	"	19,403	9,720	79,061	39,184

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1935 and 1936. - (Cont'd.)

	Unit of Measure	1936		1935	
		Quantity	Value \$	Quantity	Value \$
ARTIFICIAL SILK AND ITS MANUFACTURES					
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.	Pound	1,202,734	1,215,967	695,458	902,613
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, not produced by chemical processes, but not containing silk or wool			112,839		132,764
Knitted fabrics, wholly or in part of artificial silk	Yard	19,853	24,805	9,388	16,271
Socks and stockings, wholly or in part of artificial silk or similar synthetic fibres, produced by chemical processes, but not containing silk	Doz. Pr.	851	3,385	415	1,832
Corsets of artificial silk	Oz.	92	24	576	250
Clothing and wearing apparel, chiefly of artificial silk	"	876,644	354,436	419,874	181,370
Handkerchiefs, artificial silk	"	11,017	2,661	4,959	1,073
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	"	538,777	68,278	399,999	62,394

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Table 14. - Exports of Real and Artificial Silk and Their Manufactures, 1935 and 1936.

	Unit of Measure	1 9 3 6		1 9 3 5	
		Quantity	Value	Quantity	Value
REAL SILK AND MANUFACTURES -			\$		\$
Socks and stockings of silk	Doz.Pr.	413,583	2,720,350	303,896	1,965,902
Silk, manufactures of, n.o.p.	-	-	259,531	-	305,582
ARTIFICIAL SILK AND MANUFACTURES -					
Artificial silk underwear	-	-	91,041	-	74,662
Artificial silk and manufactures of, n.o.p.	-	-	747,236	-	444,377
TOTAL EXPORTS OF REAL AND ARTIFICIAL SILK AND MANUFACTURES -					
Real silk	-	-	2,979,881	-	2,271,484
Artificial silk	-	-	838,277	-	519,039
TOTAL EXPORTS	-	-	3,818,158	-	2,790,523

A P P E N D I X

Firms Engaged in the Artificial and Real Silk Industry in Canada, 1936.

QUEBEC

Acton Vale Silk Mills Limited,
 B & D Silk Mill,
 Canadian T. S. R. of Lyons Limited
 Atlas Textile Mills Inc.
 Belding-Corticelli Limited,
 Bruck Silk Mills Limited,
 M. E. Binz Silk Company of Danville Limited,
 Canadian Celanese Limited,
 Corona Velvets 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,

Acton Vale
 Adamsville
 Cap de la Madeleine
 Coaticook
 Coaticook
 Cowansville
 Danville
 Drummondville
 Drummondville
 Drummondville
 Granby
 Granby
 Granby
 Louiseville

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1936.

Firms Engaged in the Artificial and Real Silk Industry in Canada, 1936.--(Concluded)

QUEBEC - (Concl'd.)

M. E. Binz Company Limited,	Montmagny
Belding-Corticelli Limited,	1455 Shearer Street, Montreal
Dominion Thread Mills	361 Craig Street West, Montreal
Windsor Silk Mills Limited,	1470 Peel Street, Montreal
Canadian Silk Mills, Reg'd.,	St. Hyacinthe
Consolidated Silk Mills Limited,	St. Hyacinthe
Albert-Godde Bedin Limited,	St. Johns
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
The Canada Hair Cloth Company Limited,	St. Catharines
Grouts' Limited,	Welland Avenue, St. Catharines
Canadian Ribbon Company,	231 Front Street East, Toronto
Dominion Silk Mills Limited,	2 Mark Street, Toronto
Dominion Rayon Weaving Company Limited,	Leaside
L. & L. Textiles Limited,	221 Sterling Road, Toronto
Silks Limited,	201 Weston Road, Toronto

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