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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
1937



OTTAWA
1939

cents

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, 1937.

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 during the depression years was the spectacular expansion of the silk industry at a time when practically all other industries were experiencing a diminishing demand for their products. Other industries had to struggle hard to regain the 1929 level of production but this industry, with no recession to overcome, showed annual advances until 1936, in which year a slight decline as compared with the previous year occurred. An upward trend, however, was again evident in 1937 and in that year this industry stood above the 1929 level by 21 per cent in capital investment, 134 per cent in the number of employees, 138 per cent in salary and wage payments, 72 per cent in the cost of materials used and 93 per cent in the gross value of production.

In 1937 the gross value of production was \$27,871,292, an increase over the 1936 value of \$940,471 or 3.5 per cent. The amount of the capital investment was \$34,135,176, a decrease of \$812,467 or 2.3 per cent. Employment was furnished to 10,246 persons, which was an increase of 57 persons or less than one per cent, while the \$9,099,437 paid out in salaries and wages represented an increase of \$222,064 or 2.5 per cent. The cost of raw and other materials used, amounting to \$10,453,196, decreased by \$279,175 or 2.6 per cent.

In 1937 reports were received from twenty-nine establishments, a decrease of six from the number reporting the previous year. The provinces of Ontario and Quebec accounted for all the manufacturing activities in the silk industry.

The principal items of production in 1937 were fabrics of real silk, artificial silk and real and artificial silk mixed, their combined production amounting to 36,036,313 yards worth \$15,649,531, or about 56 per cent of the total products made by the industry. A decrease in the importance of these fabrics as related to the total production may be noted from the fact that the corresponding figures for 1936 were 36,326,911 yards valued at \$15,995,020, or approximately 60 per cent of the whole. The 1937 production of real silk fabrics was 4,010,684 yards valued at \$2,100,023 or an average price of fifty-two cents per yard. This was a decrease of 2,041,046 yards as compared with the previous year. The output of artificial silk fabrics, however, showed an increase over 1936, the 1937 production amounting to 28,848,322 yards worth \$11,952,657, or an average price of forty-one cents per yard, whereas the production in 1936 was 26,963,190 yards with a value of \$11,162,833. Real and artificial silk mixtures declined to some extent both in

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

volume and average price per yard. In 1937 the output was 3,177,307 yards with a value of \$1,596,851, or an average price of 50 cents per yard, and in 1936, 3,311,991 yards valued at \$1,779,453, or an average price of 54 cents per yard. The production of real and artificial silk yarns, threads, embroidery, etc., for sale amounted to 10,884,808 pounds worth \$7,254,259 in 1937, as against an output of 8,760,034 pounds valued at \$6,012,924 in 1936.

Among the materials used in this industry, yarns of all kinds amounted to 5,603,881 pounds worth \$4,179,804 in 1937. Similar consumption in 1936 totalled 5,723,272 pounds worth \$4,385,027. Artificial silk yarn alone accounted for 4,040,965 pounds valued at \$2,635,255 in 1937 and 4,309,785 pounds with a value of \$2,834,916 in 1936. Raw silk was consumed to the extent of 579,880 pounds worth \$1,069,391 in 1937 and 859,103 pounds with a value of \$1,581,571 in 1936. Chemicals of all kinds and dyes used were valued at \$2,880,653 in 1937 and \$2,580,707 in 1936. These and other items are shown in detail in table 4 of this report.

By referring to table 6 it may be observed that six establishments accounted for 75 per cent of the gross value of production, 73 per cent of the employment given and 82 per cent of the capital invested.

The average number of wage-earners employed in 1937 was 9,224 persons, 56 more than in 1936. Of these 5,579 were males and 3,645 females. April, with 9,369 wage-earners reported, was the month of maximum employment, while June with 8,963 was the minimum.

In 1937 imports of real and artificial silk and their manufactures totalled \$12,095,328, an increase of \$2,766,645 as compared with 1936. Imports of real silk were valued at \$8,020,319 and of artificial silk at \$4,075,009, with increases over the previous year of \$1,240,245 and \$1,526,400 respectively.

The exports of real and artificial silk and their manufactures showed an increase in 1937 in which year the value was \$4,870,847, as compared to \$3,818,158 in 1936. The value of real silk and its manufactures exported amounted to \$3,170,700 in 1937 as compared to \$2,979,881 in 1936, while artificial silk and its manufactures were valued at \$1,700,147 in 1937 and \$838,277 in 1936. Silk stockings and socks are the main products exported. In 1937 the exports of these totalled 487,234 dozen pair valued at \$2,962,201 this being an increase of 55,651 dozen pair in the volume and \$241,851 in the value.

For further details of imports and exports see tables 13 and 14.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 1. - Principal Statistics, 1918 to 1937.

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
1932	24	28,021,412	7,056	5,756,865	7,858,104	19,864,843
<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
<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

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 2. - Comparison of Principal Statistics, 1936 and 1937.

Items	1 9 3 6	1 9 3 7	+ Increase - Decrease
Establishments reporting No.	35	29	- 6
Capital invested \$	34,947,643	34,135,176	- 812,467
Employees on salaries -			
Total No.	1,021	1,022	+ 1
Male No.	668	678	+ 10
Female No.	353	344	- 9
Total salaries \$	2,011,144	2,016,630	+ 5,486
Employees on wages -			
Monthly average No.	9,168	9,224	+ 56
Male No.	5,687	5,579	- 108
Female No.	3,481	3,645	+ 164
Total wages \$	6,866,229	7,082,807	+ 216,578
Power equipment -			
Units No.	20,662	20,210	- 452
Horsepower capacity H.P.	20,729	19,307	- 1,422
Cost of fuel and electricity ... \$	976,941	1,010,714	+ 33,773
Cost of materials used \$	10,732,371	10,453,196	- 279,175
Gross value of production \$	26,930,821	27,871,292	+ 940,471

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 3. - Production, 1936 and 1937.

Principal Products	Unit of Measure	1936		1937	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
Broad Silk -			\$		\$
Real silk	Yard	6,051,730	3,052,734	4,010,684	2,100,023
Artificial silk	"	26,963,190	11,162,833	28,848,322	11,952,657
Real and artificial silk, mixed	"	3,311,991	1,779,453	3,177,307	1,596,851
Artificial silk and cotton, mixed	"	1,066,302	762,651	1,232,441	871,951
Knitted fabric, Velvet and other woven fabric	"	1,463,124	824,929	1,454,375	736,533
Real and artificial silk yarns, threads, embroidery thread and their mixtures spun for sale	Pound	8,760,034	6,012,924	10,884,808	7,254,259
All other products, including ribbons, braids and bindings, hosiery and laces	-	-	2,379,397	-	2,462,803
Custom and commission work	-	-	955,900	-	896,215
TOTAL VALUE OF PRODUCTS	-	-	26,930,821	-	27,871,292

The following fabrics were also manufactured in the Cotton Yarn and Cloth Industry in 1936 and 1937.

	Unit of Measure	1936		1937	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
Artificial silk	Yard	14,022,432	3,667,232	16,691,514	4,323,924
Cotton and artificial silk mixtures.	"	2,744,061	765,127	2,090,442	687,429

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 4. - Materials Used, 1936 and 1937.

Principal Materials	Unit of Measure	1936		1937	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Silk, raw	Pound	859,103	1,581,571	579,880	1,069,391
Yarns -					
Silk	"	326,039	602,650	341,589	539,973
Artificial silk	"	4,309,785	2,834,916	4,040,965	2,635,255
Spun silk	"	49,093	85,919	42,155	72,747
Cotton	"	741,843	428,391	844,554	453,523
Woollen and worsted	"	229,155	348,063	218,822	345,663
All other	"	67,357	85,088	115,796	132,643
Acids	-	-	414,151	-	504,195
Sodas	-	-	416,072	-	481,786
Solvents	-	-	4,162	-	148,020
Bleaches	-	-	1,948	-	11,714
Dyestuffs	-	-	472,514	-	518,675
Other chemicals and dyes	-	-	1,271,860	-	1,216,263
All other materials	-	-	1,000,989	-	1,277,221
Custom weaving	-	-	29,656	-	252,362
Dyeing and printing charges	-	-	915,658	-	566,483
Spools and paper cones	-	-	23,242	-	26,643
Packing and shipping materials	-	-	215,521	-	200,639
TOTAL COST OF MATERIALS USED ...	-	-	10,732,371	-	10,453,196

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ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 5. - Capital Invested, 1927 to 1937.

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
1933	18,844,213	4,060,272	7,288,385	30,192,870
<u>1 9 3 4</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>1 9 3 5</u>				
CANADA	21,444,973	5,757,971	7,860,079	35,063,023
Quebec	14,932,340	4,397,414	4,319,688	23,639,442
Ontario	6,512,633	1,370,557	3,540,391	11,423,581
<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	6,957,391	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

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 6. - Size of Establishments, 1937.

Establishments having a production of -	Estab-lish-ments No.	Capital Invested \$	Em-ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Production \$
Under \$100,000	5	193,465	136	115,477	89,220	243,132
\$100,000 to \$200,000 ..	5	719,477	244	181,457	318,971	675,350
\$200,000 to under \$300,000	4	1,034,286	428	288,694	619,123	1,030,601
\$300,000 to under \$500,000	3	1,020,993	404	264,478	515,128	1,217,261
\$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
TOTAL	29	34,135,176	10,246	9,099,437	10,453,196	27,871,292

Table 7. - Employees by Sex and Remuneration and by Provinces, 1936 and 1937.

		CANADA	QUÉBEC	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>1937</u>				
Salaried Employees -				
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
Wage-earners -				
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
All Employees -				
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, 1937.

Table 8. - Monthly Employment of Wage-earners, 1935, 1936 and 1937.

Months	1935			1936			1937		
	Male No.	Female No.	Total No.	Male No.	Female No.	Total No.	Male No.	Female No.	Total No.
January	5,303	3,489	8,792	5,618	3,553	9,171	5,562	3,527	9,089
February	5,416	3,535	8,951	5,764	3,581	9,345	5,687	3,657	9,344
March	5,433	3,511	8,944	5,703	3,551	9,254	5,687	3,643	9,330
April	5,526	3,537	9,063	5,746	3,512	9,258	5,678	3,691	9,369
May	5,551	3,540	9,091	5,703	3,390	9,093	5,653	3,634	9,267
June	5,513	3,557	9,070	5,564	3,387	8,951	5,373	3,590	8,963
July	5,469	3,575	9,044	5,485	3,278	8,763	5,445	3,611	9,056
August	5,489	3,708	9,197	5,674	3,375	9,049	5,616	3,714	9,330
September	5,681	3,762	9,443	6,639	3,515	9,154	5,603	3,687	9,290
October	5,749	3,791	9,540	5,741	3,541	9,282	5,511	3,625	9,136
November	5,704	3,819	9,523	5,782	3,552	9,334	5,471	3,671	9,142
December	5,774	3,772	9,546	5,808	3,518	9,326	5,622	3,658	9,280
MONTHLY AVERAGE.	5,551	3,653	9,184	5,687	3,481	9,168	5,579	3,645	9,224

Table 9. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1936 and 1937.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1936	1937		1936	1937
40 hours or less ...	32	211	51 - 53 hours	2,148	1,596
41 - 43 hours	72	629	54 hours	13	23
44 hours	187	45	55 hours	3,019	2,666
45 - 47 hours	175	85	56 - 59 hours	943	626
48 hours	304	1,168	60 hours and over .	204	613
49 - 50 hours	2,835	2,186			

The above table does not include overtime.

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 10. - Power Equipment, 1936 and 1937.

Classes of Power	1 9 3 6		1 9 3 7	
	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	13	3,370
Idle	2	600	2	600
Gasoline, gas and oil engines other than diesel - In use	-	-	-	-
Idle	1	125	1	125
Electric motors operated by purchased power - In use	20,580	16,459	20,109	15,029
Idle	66	175	85	183
TOTAL POWER AVAILABLE FOR MANUFACTURING PURPOSES	20,662	20,729	20,210	19,307
Electric motors operated by power generated in the establishment	1,290	3,076	1,365	3,313
Total Electric Motors	21,870	19,535	21,474	18,342
Boiler installation - In use	28	8,603	34	8,403
Idle	11	1,371	5	605

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 11. - Consumption of Fuel and Electricity, 1936 and 1937.

Kinds of Fuel	Unit of Measure	1 9 3 6		1 9 3 7	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -	Ton		\$		\$
Bituminous	(2000 lb .)	30,548	173,445	32,911	187,762
Anthracite	"	10,156	43,147	10,553	38,633
Lignite	"	-	-	-	-
Gasoline	Imp. Gal.	9,318	2,141	5,913	1,692
Fuel or diesel oil	" "	5,017,984	276,484	4,873,689	263,453
Wood	Cord	119	473	-	-
Gas, natural	M cu. ft.	77	59	88	67
TOTAL COST OF FUEL	-	-	495,749	-	491,607
Electricity purchased (including service charges ..	Kw.H.	103,602,523	481,192	116,416,135	519,107
TOTAL COST OF FUEL AND ELECTRICITY	-	-	976,941	-	1,010,714

Table 12. - Mechanical Equipment, 1937.

	Number
Spindles -	
Throwing	61,324
Winding	37,496
Doubling and twisting	18,255
Spinning	69,949
Re-drawing	10,802
Reeling	225
Cone winding	1,226
Quill winding	3,482
Other	455
Warpers	107
Slashers	12
Looms -	
40 inches and under	165
Over 40 inches	3,542
Velvet	24
Ribbon	110
Jacquard machines in place on the above looms	210
Dobbies in place on the above looms	536
Braiding machines	1,637
Hosiery knitting machines	175
Stretchers	7
Other machinery	337

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1936 and 1937.

	1936		1937	
	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	2,145,790	3,866,972	2,445,871	4,831,824
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 portion 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	1,200,117	269,839
Yarns and warps, wholly of thrown silk in the gum, n.o.p.	621	1,924	466	845
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	2,336	4,190
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	-	44,558
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 ..	41,536	88,149	43,971	78,031

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1936 and 1937 - (Cont'd.)

	Unit of Measure	1 9 3 6		1 9 3 7	
		Quantity	Value	Quantity	Value
REAL SILK AND MANUFACTURES -					
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 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	81,158	13,064
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	390,857	322,429
Woven fabrics, wholly of silk, 26 inches in width or less, n.o.p.	"	450,194	39,297	151,532	28,640
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.	"	449,205	420,231	295,668	272,655
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	91,187	45,037
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	-	126,888

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1936 and 1937 - (Cont'd.)

	Unit of Measure	1 9 3 6		1 9 3 7	
		Quantity	Value \$	Quantity	Value \$
REAL SILK AND MANUFACTURES -					
Bolting cloth, not made up	-	-	44,824	-	46,501
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	-	997,269
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	-	-	60,342	-	79,350
Knitted fabrics, wholly or in part of silk	Pound	833	1,690	325	731
Blouses and shirtwaists, silk ...	Oz.	8,865	5,867	6,866	4,245
Corsets of silk	"	72	132	402	145
Shirts, silk	"	893	348	1,065	301
Socks and stockings, wholly or in part of silk	Doz.Pr.	766	10,693	742	10,830
Underwear, knitted, silk	Pound	69	890	144	364
Clothing, silk, n.o.p.	Oz.	977,223	664,568	1,066,992	725,446
Handkerchiefs, silk	"	101,972	39,961	142,060	59,628
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	154,212	56,060

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1936 and 1937 - (Cont'd.)

	Unit of Measure	1 9 3 6		1 9 3 7	
		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	Pound	228,774	139,161	-	-
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)	"	181,820	158,797	424,407	366,986
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	1,177,112	654,003
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	8,011	9,637

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1936 and 1937 - (Cont'd.)

	Unit of Measure	1 9 3 6		1 9 3 7	
		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	294,030	224,243
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	-	-
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	118,584	61,838
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.	"	1,202,734	1,215,967	1,360,598	1,950,975
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	-	158,065

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1936 and 1937. - (Concl'd.)

	Unit of Measure	1 9 3 6		1 9 3 7	
		Quantity	Value \$	Quantity	Value \$
<u>ARTIFICIAL SILK AND ITS MANUFACTURES -</u>					
Knitted fabrics, wholly or in part of artificial silk	Pound	19,853	24,805	64,802	83,779
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	1,611	3,736
Corsets of artificial silk ...	Oz.	92	24	965	531
Clothing and wearing apparel, chiefly of artificial silk ..	"	876,644	354,436	1,142,686	473,388
Handkerchiefs, artificial silk	"	11,017	2,661	13,617	2,476
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	605,324	85,352
Total Imports of Real and Artificial Silk and Their Manufactures	-	-	9,328,683	-	12,095,328
Real Silk	-	-	6,780,074	-	8,020,319
Artificial Silk	-	-	2,548,609	-	4,075,009

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

Table 14. - Exports of Real and Artificial Silk and Their Manufactures, 1936 and 1937.

	Unit of Measure	1 9 3 6		1 9 3 7	
		Quantity	Value \$	Quantity	Value \$
<u>REAL SILK AND ITS MANUFACTURES -</u>					
Socks and stockings wholly or in part of silk	Doz.Pr.	431,583	2,720,350	487,234	2,962,201
Silk clothing and other silk and manufactures of, n.o.p. (To March 31, 1937)	-	-	259,531	-	54,552
Silk clothing, n.o.p. (From April 1, 1937)	-	-	-	-	72,600
Silk and manufactures of, n.o.p. (From April 1, 1937)..	-	-	-	-	81,347
<u>ARTIFICIAL SILK AND ITS MANUFACTURES -</u>					
Artificial silk underwear	-	-	91,041	-	91,616
Artificial silk clothing, n.o.p.; and artificial silk and manufactures of, n.o.p. (To March 31, 1937)	-	-	747,236	-	361,608
Artificial silk clothing, n.o.p. (From April 1, 1937)..	-	-	-	-	852,126
Artificial silk and manufactures of, n.o.p. (From April 1, 1937)	-	-	-	-	394,797
Total Exports of Real and Artificial Silk and Their Manufactures	-	-	3,818,158	-	4,870,847
Real silk	-	-	2,979,881	-	3,170,700
Artificial silk	-	-	838,277	-	1,700,147

ARTIFICIAL AND REAL SILK INDUSTRY IN CANADA, 1937.

A P P E N D I X

Firms Engaged in the Artificial and Real Silk Industry in Canada, 1937.

QUEBEC

Acton Vale Silk Mills Limited,	Acton Vale
Laurentian Silk Mills Limited	Cap de la Madeleine
Belding-Corticelli Limited,	Coaticook
Bruck Silk Mills Limited,	Cowansville
M. E. Binz Silk Company of Danville Limited,	Danville
Canadian Celanese Limited,	Drummondville
Louis Roessel & Company Limited,	Drummondville
British American Silk Mills Limited,	Granby
Carl Stohr 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
Canadian Silk Mills, Reg'd.,	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

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