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Industry Canada

CANADA, D.B.S.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

REPORT
ON THE
SILK INDUSTRY
IN
CANADA
1931

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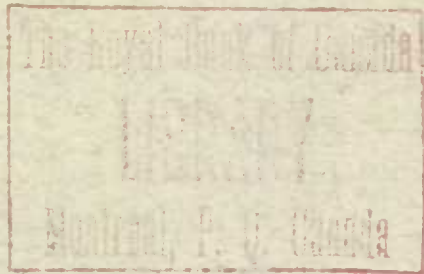
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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
OTTAWA, CANADA

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THE SILK INDUSTRY IN CANADA, 1931.

The silk industry in Canada is divided into two distinct branches, real silk and artificial silk. However due to the fact that the manufacture of artificial silk is largely concentrated in two establishments, the figures for both branches of the industry are combined, in order to avoid the disclosure of individual operations. The industry is located entirely in the provinces of Quebec and Ontario. ~~Twenty~~ three establishments were in operation in 1931, a decrease of two from the preceding year, thirteen of them being located in Quebec and ten in Ontario.

The year 1931 saw a further expansion in this industry, despite a reduction of two in the number of establishments operating. The value of production, amount of capital invested, number of employees, amount of salaries and wages, and the value added by manufacture all showed increases in comparison with 1930, which in turn had shown a large increase in both volume and value in every phase compared with 1929.

The remarkable progress made by this industry since 1917 is summarized in table 2. In this period the value of production increased over 666 per cent; capital invested 1,348 per cent; number of employees 661 per cent and the salaries and wages paid them by 1,367 per cent.

In 1931 the value of production amounted to \$18,187,492 an increase of \$378,894 or 2.1 per cent over 1930. The principal item of production was broad silk or piece goods of real silk of which 8,657,612 yards were produced valued at \$6,469,207. In comparison with 1930 this was an increase of 2,529,934 yards and \$160,348 in value. Piece goods of artificial silk measured 4,073,434 yards valued at \$2,323,662. Real silk mixtures 2,869,866 yards worth \$2,367,112, 4,383,833 pounds of silk, artificial silk, yarns and threads and their mixtures valued at \$4,055,203 were also produced. This was an increase of 701,740 pounds and \$201,844 in comparison with 1930.

Capital investment consisting of lands, buildings, fixtures, machinery, tools, equipment, materials, stocks of merchandise, cash, bills and accounts receivable, etc., amounted to \$32,205,207 in 1931, an increase of \$1,699,147 or 5.5 per cent over 1930. The number of employees, salaried and otherwise was 6,273 or 880 more than were furnished employment in 1930. They were paid \$5,758,995 in salaries and wages, an increase of \$1,040,405 over the previous year.

The cost of raw materials was the only item to show a decline in 1931, when their value was \$6,482,197, a decline of \$1,151,132 compared with 1930, and although the value decreased, the volume increased. Raw silk is accountable for the difference. In 1931, of this commodity there was purchased 1,229,482 pounds, an increase of 145,040 pounds, but the 1931 value was \$3,243,723 or \$1,304,765 less than

THE SILK INDUSTRY IN CANADA, 1931.

the corresponding value in 1930. The value added by manufacture in 1931 was \$11,705,295 or \$1,530,026 greater than in 1930.

Imports and exports showed a decided decrease in 1931. The imports of real silk and manufactures amounted to \$14,417,551, and of artificial silk and manufactures \$6,023,421, a total of \$20,434,972. In 1930 corresponding figures were: real silk and manufactures \$21,000,571, artificial silk and manufactures \$13,780,922. Total \$34,781,493. The decline in 1931 is therefore \$14,346,521. Exports in 1931 amounted to \$269,781, a decrease of \$81,331 from the 1930 figure of \$351,112.

Table 1. - Principal Statistics of the Silk Industry by Provinces, 1925-1931.

Year	Province	Estab-	Capital	Employ-	Salaries	Cost of	Value of
		lish-		ees	and Wages	Materials	Products
		ments					
		No	\$	No.	\$	\$	\$
1925	Quebec	6	4,834,344	1,140	794,182	1,826,044	3,270,897
"	Ontario	5	4,389,880	587	570,675	1,534,991	2,212,466
1926	Quebec	8	5,607,849	1,297	934,217	1,784,561	3,931,412
"	Ontario	4	4,411,670	1,126	1,050,783	1,688,404	4,575,741
1927	Quebec	9	16,255,544	1,412	1,010,972	2,086,804	4,154,444
"	Ontario	5	6,072,274	1,478	1,328,999	1,929,827	5,416,473
1928	Quebec	9	17,068,670	2,162	1,823,057	2,402,265	4,998,738
"	Ontario	7	9,091,033	1,771	1,618,492	2,236,452	5,898,535
1929	Quebec	12	18,368,727	2,569	2,132,391	3,320,406	8,327,576
"	Ontario	11	9,909,930	1,803	1,693,405	2,770,718	6,148,504
1930	Quebec	15	22,298,970	3,692	3,071,420	5,107,582	11,883,085
"	Ontario	10	8,207,090	1,701	1,647,170	2,525,747	5,925,513
1931	Quebec	13	23,197,123	4,306	3,926,131	4,311,512	12,425,851
"	Ontario	10	9,008,084	1,967	1,832,864	2,170,685	5,761,641

Table 2. - Principal Statistics of the Silk Industry in Canada, 1917-1931.

Year	Estab-	Capital	Employ-	Salaries	Cost of	Value of
	lish-		ees	and Wages	Materials	Products
		ments				
		No	No.	\$	\$	\$
1917	9	2,223,164	824	392,398	837,041	2,372,001
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

THE SILK INDUSTRY IN CANADA, 1931.

In reporting production in this industry it has been found necessary to make broad classifications in order to avoid disclosing the output of individual establishments.

Table 3. - Production of Silk and Artificial Silk and Manufactures,
1930 and 1931.

	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Value	Quantity	Value
			\$		\$
Broad Silk.					
Real silk	yards	6,127,678	6,308,859	8,657,612	6,469,207
Artificial silk	"	-	-	4,073,434	2,323,662
Real silk mixtures ...	"	-	-	2,869,866	2,367,112
Artificial silk mixtures	"	-	-	672,824	634,613
Silk and artificial silk mixtures	"	5 160,643	5,214,314	-	-
Silk and Artificial Silk thread and yarns and their mixtures	Pounds	3,682,099	3,853,359	4,383,839	4,055,203
Ribbons, braids, bindings, laces, etc.			655,145	-	561,468
All other products			982,758	-	1,071,958
Custom and commission work			794,163	-	704,269
Total			17,808,598	-	18,187,492

In reporting the raw materials used in the silk industry it is necessary to make broad classifications in order to avoid disclosing the amount of materials used by individual establishments.

Table 4. - Materials Used in the Manufacture of Silk and Artificial Silk, 1930 and 1931.

	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Value	Quantity	Value
			\$		\$
Raw silk	Pounds	1,084,442	4,542,488	1,229,482	3,243,723
Yarns, all kinds	"	735,808	737,803	936,008	753,453
Chemicals, dyes, soaps and oils			1,720,865	-	1,536,148
Spools			-	-	39,719
All other materials			626,173		510,535
Dyeing charges			-		283,548
Packing and shipping materials			-		115,071
Total			7,633,329		6,482,197

THE SILK INDUSTRY IN CANADA, 1931.

Size of Establishments

In view of the tendency towards concentration in industrial enterprises a series of tables has been prepared presenting in a threefold way the size of establishments in the Silk Industry in 1931 measured by (a) capital investment, (b) gross value of production and (c) employment. These tables when compared for a term of years indicate the movement of capital, production and employment within the industry.

Several changes took place in the industry in this year. The average capital investment increased from \$1,220,242 in 1930 to \$1,400,226 in 1931. In gross value of products, the average per establishment shows an increase from \$712,344 in 1930 to \$790,761 in 1931, while the average number of employees per plant also rose from 216 in 1930 to 273 in 1931. These tables also indicate the degree of large scale production which obtains in this industry. Seven of the largest mills for example, had an output valued at \$14,289,753 or 78.5 per cent of the total.

Table 5(a) Capital Invested, 1931.

Capital invested by plants	Establishments	Total Capital investment	Average Capital investment
	No.	\$	\$
Under \$200,000	7	638,559	91,223
\$200,000 to under \$500,000	5	1,752,558	350,511
\$500,000 to under \$1,000,000	4	2,941,140	735,285
\$1,000,000 and over	7	26,872,950	3,838,993
Total	23	32,205,207	1,400,226

Table 5(b). - Gross Value of Production, 1931.

Groups of Values of Products	Establishments	Total Gross Value of Products	Average Value per establishment
	No.	\$	\$
Under \$200,000	8	769,529	96,191
\$200,000 to under \$500,000	6	1,779,670	296,611
\$500,000 to \$1,000,000	2	1,348,540	674,270
\$1,000,000 and over	7	14,289,753	2,041,393
Total	23	18,187,492	790,761

THE SILK INDUSTRY IN CANADA, 1931.

Size of Establishments - Cont'd.

Table 5(c). - Employment, 1931.

Groups of Employees	Establishments	Number of Employees	Average number per establishment
	No.	No.	No.
From 20 to under 50	7	188	27
50 to under 100.....	2	171	85
100 to under 200	5	703	141
200 to under 500	6	1,752	292
500 and over	3	3,459	1,153
Total	23	6,273	273

Table 6. - Capital Investment, by Provinces, 1931.

Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery and tools	Inventory Value of Materials on Hand, stocks in process, fuel, miscellaneous supplies, etc.	Inventory Value of finished products on hand	Operating Capital, cash, bills and accounts receivable, prepaid expenses	
	\$	\$	\$	\$	\$
CANADA	21,754,419	2,365,627	2,445,047	5,640,114	32,205,207
Quebec	15,530,607	1,781,541	1,871,422	4,013,553	23,197,123
Ontario ...	6,223,812	584,086	573,625	1,626,561	9,008,084

Table 7. - Employees, Salaries and Wages, 1931.

		CANADA	QUEBEC	ONTARIO
Employees on salaries -				
Male	No.	427	337	90
Female	No.	186	150	36
Salaries paid	\$	1,212,984	940,038	272,946
Employees on wages -				
Male.....	No.	3,032	2,125	907
Female	No.	2,628	1,694	934
Wages paid	\$	4,546,011	2,986,093	1,559,918
Total Employees -				
Male	No.	3,459	2,462	997
Female	No.	2,814	1,844	970
Salaries and Wages	\$	5,758,995	3,926,131	1,832,864

THE SILK INDUSTRY IN CANADA, 1931.

Table 8. - Wage-earners by Months, 1931.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	2,746	2,528	July	3,086	2,664
February	2,812	2,556	August	3,172	2,638
March	2,931	2,687	September	3,159	2,684
April	2,935	2,651	October	3,153	2,670
May	2,980	2,487	November	3,168	2,676
June	3,033	2,589	December	3,208	2,709
			Total	36,383	31,539
			Average annual employment	3,032	2,628

Table 9. - Number of Wage-earners in Month of Highest Employment whose regular hours of work in 1931 were:

No. of Hours	No. of Employees	No. of Hours	No. of Employees
40 hours or less	91	51-53 hours	1,554
41-43 hours	25	54 hours	24
44 hours	10	55 hours	1,683
45-47 hours	169	56-59 hours	100
48 hours	949	60 hours	186
49-50 hours	1,517	Over 60 hours	177

The above does not include overtime.

Table 10. - Fuel and Electricity Consumed, 1931.

Kinds of Fuel	Unit of Measure	Quantity	Cost Value
			\$
Bituminous coal, Canadian	Ton	20,955	130,129
Bituminous coal, imported	Ton	10,682	71,997
Anthracite coal	Ton	2,207	18,201
Lignite coal	Ton	305	1,707
Gasoline	Gal.	19,040	6,333
Fuel Oils	Gal.	607,436	35,787
Total Cost of Fuel			264,154
Electricity purchased	K.W.H.	22,594,355	259,359

THE SILK INDUSTRY IN CANADA, 1931.

Table 11. - Power Installation, 1931.

Classes of Power	Number of Units	Horse-power Capacity
Steam engines and turbines	8	394
Hydraulic turbines and water wheels	3	275
Electric motors operated by purchased power	13,247	12,947
Total	13,258	13,616
Electric motors operated by power generated in the establishment	38	354
Total Power used in Manufacturing	13,296	13,970
Boilers installed	33	5,309

Table 12. - Equipment Employed in Silk Mills, 1931.

Equipment	Number	Equipment	Number
Spindles: -		Looms: -	
Throwing	41,351	(with or without Jacquard attachment)	
Winding (Raw silk only) ..	30,065	40 inch or under reed space..	217
Spinning and twisting ..	52,312	Over 40 inch reed space	2,082
Doublers	3,374	Jacquard machines	168
All other	532	Redrawers	1,145
		Other machinery	2,255

Table 13. - Imports of Real and Artificial Silk and Their Manufactures Calendar Years 1930 and 1931.

Articles and Principal Countries	1930		1931	
	Quantity Lbs.	Value \$	Quantity Lbs.	Value \$
<u>Real Silk and Its Manufactures.</u>				
Silk cocoons, raw silk, not more advanced than singles not to include material wholly or partially degummed -				
United States	1,289,323	5,167,875	1,762,626	4,756,137
China	20,862	88,130	25,695	49,678
Japan	512,464	2,042,358	471,922	1,254,027
Other Countries	221	679	-	-
Total	1,822,870	7,299,042	2,260,243	6,059,842

THE SILK INDUSTRY IN CANADA, 1931.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, Calendar Years 1930 and 1931. - Cont'd.

Articles and Principal Countries	1930		1931	
	Quantity	Value	Quantity	Value
	Lbs.	\$	Lbs.	\$
<u>Real Silk and Its Manufactures - Cont'd.</u>				
Garnetted material wholly of silk, artificial silk or similar synthetic fibres produced by chemical processes, etc.				
United Kingdom	12,366	3,102	15,142	7,200
United States	68,658	17,338	22,767	8,032
Germany	11,438	4,830	62,900	17,981
Total	92,462	25,270	100,809	33,213
Yarns and warps wholly of thrown silk in the gum, n.o.p. -				
United States	7,633	51,357	246	1,206
Japan	-	-	30	142
Total	7,633	51,357	276	1,348
Rovings, yarns and warps wholly of spun silk, commonly known as schappe and bourette, not more advanced than singles, n.o.p. -				
United Kingdom	31	143	201	382
United States	6,024	17,748	11,057	24,969
Other Countries	406	1,171	429	1,143
Total	6,461	19,062	11,687	26,494
Rovings, yarns and warps wholly or in part of silk, n.o.p. -				
United Kingdom	-	73,094	-	41,909
United States	-	89,127	-	103,110
Other Countries	-	561	-	373
Total	-	162,782	-	145,392
Yarns and warps wholly of thrown silk in the gum, rovings, yarns and warps wholly of spun silk, not coloured, imported by manufacturers of knit goods, etc. -				
United Kingdom	43,255	103,915	14,526	40,451
United States	6,207	24,652	15,141	29,786
Switzerland	3,422	8,357	9,602	16,968
Other Countries	270	817	1,228	2,429
Total	53,154	137,741	40,497	89,634

THE SILK INDUSTRY IN CANADA, 1931.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures,
Calendar Years 1930 and 1931. - Cont'd.

Articles and Principal Countries	1 9 3 0		1 9 3 1	
	Quantity	Value	Quantity	Value
	Yards	\$	Yards	\$
Woven fabrics, wholly or in chief				
part by weight of silk in the gum				
not less than 20 inches in width -				
United States	6,123	6,676	2,886	2,251
France	835,525	384,203	289,315	80,156
Japan	2,649,073	1,224,074	232,656	56,667
Switzerland	149,087	95,443	10,383	4,437
Other Countries	27,778	11,890	10	7
Total	3,667,586	1,722,286	535,250	143,518
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. -				
United Kingdom	174,555	149,144	62,124	58,307
United States	1,730,069	1,688,919	1,508,407	1,408,399
Belgium	4,198	3,429	4,083	1,408
China	17,542	10,737	28,602	9,508
Czecho-Slovakia	5,576	6,009	1,245	1,363
France	1,045,207	811,597	388,043	295,781
Germany	11,457	15,165	1,798	2,273
Italy	76,696	62,955	33,584	28,708
Japan	4,627,239	1,323,081	3,774,277	1,139,570
Switzerland	798,303	470,891	140,329	85,253
Other Countries	7,227	6,576	1,995	1,443
Total	8,498,069	4,548,503	5,944,487	3,031,738
Woven fabrics, wholly of silk 26 inches				
in width or less, n.o.p. -				
United Kingdom	23,184	15,942	12,112	9,694
United States	10,567	10,803	1,548	1,409
France	378,591	63,415	312,638	51,886
Japan	35,772	8,126	59,775	13,993
Switzerland	38,931	34,112	85,371	32,389
Other Countries	11,318	5,747	2,722	919
Total	498,363	138,145	474,166	110,290
Knitted fabrics, wholly or in part of				
silk -				
United Kingdom	293	424	40	58
United States	1,542	1,786	625	896
Other Countries	7,373	3,881	-	-
Total	9,208	6,091	665	954

THE SILK INDUSTRY IN CANADA, 1931.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, Calendar Years 1930 and 1931. - Cont'd.

Articles and Principal Countries	1930		1931	
	Quantity Yards	Value \$	Quantity Yards	Value \$
Woven fabrics with cut pile generally known as velvets and plushes, not containing wool and exceeding 24 inches in width -				
United Kingdom	56,848	66,364	26,772	33,570
United States	36,934	98,512	13,456	21,959
Belgium	16,701	24,526	5,048	5,225
France	177,835	272,271	281,435	320,750
Germany	148,370	186,173	122,355	141,569
Italy	9,340	11,486	20,962	17,546
Switzerland	7,034	9,000	1,094	1,577
Other Countries	4,780	8,212	2,352	2,068
Total	457,842	676,544	473,474	544,264
Woven fabrics with cut pile generally known as velvets and plushes, not containing wool 24 inches in width or less -				
United Kingdom	71,790	47,429	29,582	19,424
United States	19,371	14,419	1,028	1,521
France	259,315	134,020	358,909	191,255
Germany	33,539	21,742	22,900	17,201
Other Countries	1,865	2,510	3,991	2,804
Total	385,880	220,120	416,410	232,205
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 -				
United Kingdom	-	16,234	-	10,400
United States	-	110,618	-	88,787
France	-	105,278	-	125,281
Germany	-	13,444	-	7,131
Italy	-	1,056	-	2,032
Switzerland	-	106,220	-	58,653
Other Countries	-	691	-	11
Total	-	353,541	-	292,295
Bolting cloth, not made up -				
United Kingdom	-	140	-	192
United States	-	38,773	-	36,325
France	-	2,755	-	3,286
Germany	-	387	-	2,137
Switzerland	-	1,023	-	1,179
British India	-	9,478	-	-
Total	-	52,556	-	43,119

THE SILK INDUSTRY IN CANADA, 1931.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures,
Calendar Years 1930 and 1931. - Cont'd.

Articles and Principal Countries	1930		1931	
	Quantity	Value	Quantity	Value
		\$		\$
Woven fabrics, wholly or in chief part by weight of silk or artificial silk or both, imported in the web for use exclusively in the manufacture of neckties, scarves or mufflers -				
United Kingdom	-	13,087	-	21,241
United States	-	227,735	-	193,251
Austria	-	137,868	-	64,149
Czecho-Slovakia	-	118,361	-	76,567
France	-	33,391	-	68,615
Germany	-	269,013	-	296,833
Japan	-	946	-	12,672
Italy	-	144,795	-	139,419
Switzerland	-	283,019	-	183,420
Other Countries	-	633	-	5,588
Total		1,228,848		1,061,755
Blouses and shirtwaists, silk -				
United Kingdom	-	784	-	236
United States	-	14,995	-	6,895
France	-	3,606	-	4,380
Other Countries	-	1,240	-	497
Total		20,625		12,008
Corsets of silk -				
	No.		No.	
United Kingdom	24	51	9	92
United States	20,426	65,412	527	1,645
Other Countries	1,746	8,199	197	876
Total	22,196	73,662	733	2,613
Shirts, silk -				
	Doz.		Doz.	
United Kingdom	43	955	6	258
United States	63	2,518	19	419
Other Countries	157	3,622	37	924
Total	263	7,095	62	1,601
Socks and stockings, wholly or in part of silk -				
	Doz. Pair		Doz. Pair	
United Kingdom	4,842	33,185	1,391	10,184
United States	29,764	193,000	2,404	21,956
France	1,997	26,957	656	9,794
Other Countries	3,412	22,332	307	1,948
Total	40,015	275,474	4,758	43,882

THE SILK INDUSTRY IN CANADA, 1931.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, Calendar Years 1930 and 1931. - Cont'd.

Articles and Principal Countries	1930		1931	
	Quantity	Value	Quantity	Value
Underwear, knitted silk -		\$		\$
United Kingdom	-	1,184	-	668
United States	-	2,952	-	976
France	-	1,975	-	3,607
Other Countries	-	6,198	-	4,113
Total	-	12,309	-	9,364
Clothing, silk, n.o.p. -				
United Kingdom	-	214,681	-	131,384
United States	-	2,188,230	-	1,391,168
Hong Kong	-	3,167	-	6,756
Austria	-	22,013	-	13,062
Belgium	-	33,217	-	5,640
China	-	32,478	-	88,273
France	-	616,434	-	395,340
Germany	-	24,391	-	17,442
Italy	-	5,204	-	2,944
Japan	-	95,825	-	60,944
Switzerland	-	19,900	-	14,167
Other Countries	-	5,114	-	608
Total	-	3,260,654	-	2,127,728
Handkerchiefs, silk -				
United Kingdom	-	41,226	-	5,914
United States	-	13,709	-	3,470
Hong Kong	-	1,898	-	1,207
Austria	-	2,771	-	-
China	-	13,326	-	1,791
France	-	23,580	-	10,222
Germany	-	7,858	-	1,160
Italy	-	3,937	-	-
Japan	-	54,568	-	44,428
Switzerland	-	44,673	-	14,802
Other Countries	-	510	-	1,215
Total	-	208,056	-	84,209
Articles made from woven fabrics and all textile manufactures, n.o.p. of which silk is the component of chief value -				
United Kingdom	-	99,996	-	53,219
United States	-	262,877	-	144,307
Austria	-	7,689	-	2,681
China	-	4,940	-	9,371
France	-	55,979	-	43,114
Germany	-	17,295	-	10,895
Italy	-	10,433	-	7,492

THE SILK INDUSTRY IN CANADA, 1931.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, Calendar Years 1930 and 1931. - Cont'd.

Articles and Principal Countries	1930		1931	
	Quantity	Value	Quantity	Value
		\$		\$
Articles made from woven fabrics and all textile manufactures, n.o.p. of which silk is the component of chief value. - Cont'd.				
Japan	-	31,483	-	32,576
Switzerland	-	3,320	-	5,433
Other Countries	-	6,796	-	4,997
Total	-	500,808	-	314,085

Summary of Imports of real silk and manufactures by principal countries -

United Kingdom	-	881,080	-	444,783
United States	-	10,310,031	-	8,248,574
Austria	-	173,065	-	82,203
Belgium	-	65,455	-	19,137
China	-	150,898	-	161,909
Czecho-Slovakia	-	135,045	-	81,339
France	-	2,545,588	-	1,607,195
Germany	-	586,419	-	517,057
Italy	-	257,034	-	200,068
Japan	-	4,786,528	-	2,615,770
Switzerland	-	1,080,151	-	420,329
British India	-	9,713	-	-
Hong Kong	-	-	-	10,921
Other Countries	-	19,564	-	2,208
Total	-	21,000,571	-	14,411,551

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 -	Lbs.		Lbs.	
	1930	1931	1930	1931
United Kingdom	18,325	16,007	431,906	403,269
United States	54,616	82,218	39,214	27,535
France	49,456	44,824	66,923	52,442
Germany	201,080	196,108	38,208	25,521
Italy	55,053	34,357	4,036	1,505
Mexico	-	-	54,032	32,855
Netherlands	1,606,064	964,734	1,057,654	508,469
Switzerland	276,067	219,115	30,368	21,126
Other Countries	3,332	3,019	-	-
Total	2,263,993	1,560,382	1,722,341	1,072,722

THE SILK INDUSTRY IN CANADA, 1931.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, Calendar Years 1930 and 1931. - Cont'd.

Articles and Principal Countries	1930		1931	
	Quantity	Value	Quantity	Value
<u>Artificial Silk and Its Manufactures.</u>	Lbs.	\$	Lbs.	\$
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 -				
United Kingdom	76,184	74,936	20,141	28,067
United States	13,842	30,375	14,579	24,853
France	5,935	5,792	9,623	7,695
Germany	1,926	1,965	2,351	2,331
Netherlands	-	-	8,160	3,120
Switzerland	10,978	17,292	3,684	3,909
Other Countries	923	771	110	74
Total	109,788	131,131	58,648	70,059
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. -				
United Kingdom	-	4,366,779	-	1,797,874
United States	-	1,628,514	-	625,315
Belgium	-	147,165	-	32,383
Czecho-Slovakia	-	133,804	-	24,487
France	-	2,033,958	-	440,155
Germany	-	155,675	-	39,611
Italy	-	174,760	-	96,038
Japan	-	492,956	-	716,240
Netherlands	-	10,250	-	6,476
Switzerland	-	847,469	-	191,281
Other Countries	-	3,309	-	1,566
Total	-	9,994,639	-	3,971,426
Knitted fabrics, wholly or in part of artificial silk -	Yards		Yards	
United Kingdom	16,010	10,802	1,558	980
United States	8,363	4,089	42,327	11,459
Other Countries	1,949	923	55	55
Total	26,322	15,814	43,940	12,494

THE SILK INDUSTRY IN CANADA, 1931.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures,
Calendar Years 1930 and 1931. - Cont'd.

Articles and Principal Countries	1930		1931	
	Quantity	Value \$	Quantity	Value \$
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 nor wool -				
United Kingdom	-	5,004	-	2,280
United States	-	22,650	-	28,676
France	-	44,464	-	70,590
Germany	-	5,212	-	8,715
Italy	-	-	-	9,009
Switzerland	-	107,091	-	134,540
Other Countries	-	2,395	-	225
Total	-	186,816	-	254,035
Socks and stockings, wholly or in part of artificial silk or similar synthetic fibres produced by chemical processes, but not containing silk -				
	Doz.	Pr.	Doz.	Pr.
United Kingdom	49,509	218,269	4,152	18,298
United States	296,752	565,645	5,116	12,906
Other Countries	220,700	309,465	1,833	3,560
Total	566,961	1,093,379	11,101	34,764
Clothing and wearing apparel, chiefly of artificial silk -				
United Kingdom	-	48,549	-	51,802
United States	-	97,996	-	126,730
Czecho-Slovakia	-	5,730	-	10,842
France	-	54,997	-	35,963
Germany	-	14,423	-	12,169
Italy	-	26,162	-	11,444
Japan	-	109,591	-	102,523
Switzerland	-	-	-	8,225
Other Countries	-	17,687	-	3,581
Total	-	375,135	-	363,279
Handkerchiefs, artificial silk -				
United Kingdom	-	-	-	511
United States	-	44	-	234
Other Countries	-	-	-	2,066
Total	-	44	-	2,811

THE SILK INDUSTRY IN CANADA, 1931.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures,
Calendar Years 1930 and 1931. - Cont'd.

Articles and Principal Countries	1930		1931	
	Quantity	Value	Quantity	Value
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 -		\$		\$
United Kingdom	--	54,649	--	58,390
United States	--	159,631	--	83,435
Belgium	--	24,533	--	2,019
Czecho-Slovakia	--	12,881	--	10,822
France	--	52,261	--	14,968
Germany	--	23,242	--	16,224
Italy	--	80,344	--	25,872
Japan	--	13,589	--	23,511
Switzerland	--	1,730	--	6,056
Other Countries	--	722	--	534
Total	--	423,582	--	241,831
Imports of artificial silk and manufactures by principal countries - Summary				
United Kingdom	--	4,795,039	--	2,361,471
United States	--	2,591,118	--	941,143
Austria	--	4,659	--	2,602
Belgium	--	198,889	--	35,445
Czecho-Slovakia	--	165,035	--	46,160
France	--	2,240,173	--	624,389
Germany	--	479,985	--	105,373
Italy	--	414,512	--	145,437
Japan	--	721,674	--	842,450
Mexico	--	-	--	32,855
Netherlands	--	975,356	--	518,300
Switzerland	--	1,196,131	--	365,684
Other Countries	--	8,351	--	2,112
Total	--	13,780,922	--	6,023,421
Total Imports of Real and Artificial Silk and Their Manufactures -				
Real Silk	--	21,000,571	--	14,411,551
Artificial Silk	--	13,780,922	--	6,023,421
Total	--	34,781,493	--	20,434,972

THE SILK INDUSTRY IN CANADA, 1931.

Table 14. -- Exports of Real and Artificial Silk and Manufactures, Calendar Years 1930 and 1931 by Principal Countries.

Articles and Principal Countries	1 9 3 0	1 9 3 1
	\$	\$
Real Silk and Manufactures --		
United Kingdom	1,253	629
United States	9,952	2,600
British South Africa	11,386	5,528
Bermuda	5,278	2,653
British Guiana	5,750	1,117
Barbados	4,719	1,334
Jamaica	12,060	7,971
Trinidad and Tobago	12,456	5,423
Other British West Indies	6,425	3,047
Newfoundland	21,131	17,743
Australia	-	1,092
New Zealand	5,255	1,693
St. Pierre and Miquelon	-	1,263
Japan	-	3,892
Other Countries	13,231	4,406
Total	108,896	60,391
Artificial Silk and Manufactures --		
United Kingdom	395	485
United States	3,931	1,241
British South Africa	48,584	49,330
Bermuda	-	1,520
British India	105,684	86,367
British Guiana	-	1,276
Barbados	-	2,227
Jamaica	4,241	2,124
Trinidad and Tobago	4,367	4,507
Other British West Indies	-	1,979
Newfoundland	13,041	7,571
New Zealand	40,348	11,978
China	-	15,887
Egypt	-	15,090
Portugal	-	4,054
Other Countries	21,625	3,754
Total	242,216	209,390
Total Exports --		
Real Silk and Manufactures	108,896	60,391
Artificial Silk and Manufactures	242,216	209,390
Total	351,112	269,781

THE SILK INDUSTRY IN CANADA, 1931.

A P P E N D I X

Firms engaged in the Silk Industry in Canada, 1931.

Q U E B E C

<u>Name</u>	<u>Address</u>
Canadian T. S. R. of Lyons Limited ✓	Cap De La Madeleine.
Belding-Corticelli Limited	Coaticook.
Bruck Silk Mills Limited ✓	Gowansville.
Canadian Celanese Limited ✓	Drummondville.
Louis Roessel & Co. Limited	Drummondville.
Carl Stohn of Canada Limited	Granby.
Associated Textiles of Canada Limited	Louiseville.
Belding-Corticelli Limited	1455 Shearer Street, Montreal.
British American Silk Mills Limited	1511 St. James Street, Montreal.
Consolidated Silk Mills Limited	St. Hyacinthe.
Albert-Godde Bedin Limited	St. Johns.
Belding-Corticelli Limited ✓	St. Johns.
Brupbacher Silk Mills Limited	Valleyfield.

O N T A R I O

Slingsley Silks Limited	Brantford.
Courtaulds Limited	Cornwall.
Newlands & Co. Limited	Galt.
Riverside Silk Mills Limited ✓	Galt.
Dover Silks Limited	Port Dover.
Grouts' Limited	St. Catharines.
Dominion Silk Mills Limited	2 Mark Street, Toronto.
Dominion Rayon Wearing Co. Ltd.	231 Front Street, Toronto.
L. & L. Textiles Ltd.	34 St. Patrick Street, Toronto.
The B. Edmund David Silk Mills of Canada Ltd.	Hawkesbury.

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