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REPORT
ON THE
SILK INDUSTRY
IN
CANADA
1932

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THE SILK INDUSTRY IN CANADA, 1932.

While the silk industry in Canada is divided into two distinct branches, real silk and artificial silk, owing to the manufacture of the latter being largely concentrated in two establishments it is necessary to combine the figures for both branches of this industry in order to avoid disclosing individual operations. For the same reason it is necessary to show production on rather broad lines, and many individual items cannot be shown at all, but have to be grouped under "All other products".

The remarkable progress made by this industry since 1917 is summarized in table 1, and the year 1932 saw a further expansion despite the general depressed business conditions prevailing. Since 1917 the value of production has increased over 737 per cent; capital investment over 1160 per cent; number of employees almost 754 per cent and the amount of their salaries and wages by over 1367 per cent. Cost of raw materials also showed an increase of almost 839 per cent over this period.

This industry is located entirely in the provinces of Quebec and Ontario with fifteen establishments in the former province and nine in the latter. The gross value of production in 1932 was \$19,864,843, an increase of \$1,677,351 or 9.2 per cent over the 1931 production. The capital investment, \$28,021,412, shows a decrease of \$4,183,795 or 13.0 per cent from the 1931 investment. The number of salaried and wage-earning employees in 1932 was 7,036, an increase of 763 or 12.2 per cent, and the salaries and wages paid them totalled \$5,756,865, representing a small decrease of \$2,130. The cost of raw and other materials used was \$7,858,104, an increase of \$1,375,907 or 21.8 per cent, while the value added by manufacture, \$12,006,739, showed a gain of \$301,444 or 2.6 per cent.

The following table illustrates, by provinces, the actual variations in the principal statistics in 1932 compared with 1931.

Province	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production	Value added by Manufacture
	\$	No.	\$	\$	\$	\$
CANADA	- 4,183,795	/ 763	- 2,130	/ 1,375,907	/ 1,677,351	/ 301,444
Quebec ...	- 3,747,717	/ 601	- 91,275	/ 1,318,395	/ 1,419,138	/ 100,743
Ontario ..	- 436,078	/ 162	/ 89,145	/ 57,512	/ 258,213	/ 200,701

The following table shows the percentage distribution of the principal statistics in the two provinces in 1931 and 1932.

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Province	Capital Invested		Em- ployees		Salaries and Wages		Cost of Materials Used		Gross Value of Production		Value added by Manufacture	
	1931	1932	1931	1932	1931	1932	1931	1932	1931	1932	1931	1932
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
Quebec .	72.0	69.4	68.7	69.7	68.2	66.6	66.5	71.6	68.3	69.7	69.3	68.4
Ontario.	28.0	30.6	31.3	30.3	31.8	33.4	33.5	28.4	31.7	30.3	30.7	31.6
CANADA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

The principal item of production in 1932 was fabrics of real silk with 10,171,470 yards having a selling value at the factory of \$6,441,482 or an average price of 63.3 cents per yard. The corresponding production in 1931 was 8,657,612 yards valued at \$6,469,207 or 74.7 cents per yard. Of artificial silk fabrics, 7,206,373 yards were manufactured at \$3,362,901 or 46.7 cents per yard as against the 1931 production of 4,073,434 yards valued at \$2,323,662, an average cost per yard of fifty-seven cents. 4,592,232 yards of real and artificial silk fabrics and their mixtures valued at \$3,416,194 were also produced in 1932, the corresponding production in 1931 was 3,542,690 yards valued at \$3,001,725. Threads, yarns, embroidery, floss, etc. of silk and artificial silk and mixtures amounted to 5,357,388 pounds valued at \$4,221,060 in 1932 compared with 4,383,839 pounds worth \$4,055,203 in 1931.

Raw silk was the principal single item consumed in this industry in both 1931 and 1932. In 1932 the consumption was 1,709,905 pounds costing \$3,524,044, the average cost per pound being \$2.06. In 1931, 1,229,482 pounds costing \$3,243,723 were used and the average cost per pound was \$2.64. Chemicals, dyes and sulphite pulp accounted for \$2,202,921 in 1932 and \$1,773,192 in 1931.

The capital investment in 1932 showed a decrease of \$4,183,795 in comparison with 1931, practically all of which occurred in the value of land, buildings, fixtures, machinery, tools, etc., in the province of Quebec.

The number of wage-earners showed a substantial increase in 1932, 758 more being furnished employment than in 1931. The value of their wages also increased by \$82,831.

Imports of both real and artificial silk and their manufactures showed a considerable decline in 1932 in comparison with 1931. In 1932 imports of real silk and manufactures were valued at \$9,690,664 against a value of \$14,411,551 in 1931. Imports from the United Kingdom were valued at \$260,634 in 1932 and \$444,783 in 1931, and from the United States \$6,122,890 in 1932 and \$8,248,574 in 1931.

The value of imports of artificial silk and manufactures was \$2,947,357 in 1932 and \$6,023,421 in 1931. Imports from the United Kingdom accounted for \$1,558,345 in 1932 and \$2,361,471 in 1931, while from the United States the values were \$242,039 and \$941,143 in 1932 and 1931 respectively.

Exports of real silk socks and stockings have been grouped with exports of "silk and its products" since April 1st, 1932. Previously they were included with "socks and stockings of all kinds". It is, therefore, not possible to make an equitable comparison

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of exports for the years 1931 and 1932. They can be noted in detail, however, by referring to table 14.

Table 1. - Principal Statistics, 1917-1932.

Year and Provinces	Estab- lish- ments Report- ing	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
1917	9	2,223,164	824	392,398	837,041	2,372,001	1,534,960
1918	7	2,890,431	975	438,695	1,436,229	2,451,220	1,014,991
1919	8	3,661,373	1,294	698,760	1,975,539	3,317,181	1,187,064
1920	5	4,901,679	1,165	817,440	3,438,792	5,376,751	1,937,959
1921	5	4,559,909	932	719,845	1,890,171	3,536,513	1,646,342
1922	7	4,618,448	1,467	1,236,130	2,267,250	4,675,205	2,407,955
1923	7	4,594,313	1,457	1,224,036	2,677,229	5,044,968	2,367,739
1924	10	5,744,502	1,210	978,686	2,486,845	4,381,234	1,894,389
<u>1925</u>							
CANADA ..	11	9,224,224	1,727	1,364,857	3,361,035	5,483,363	2,122,328
Quebec ...	6	4,834,344	1,140	794,182	1,826,044	3,270,897	1,444,853
Ontario ..	5	4,389,880	587	570,675	1,534,991	2,212,466	677,475
<u>1926</u>							
CANADA ..	12	10,019,519	2,423	1,985,000	3,472,965	8,507,153	5,034,198
Quebec ...	8	5,607,849	1,297	934,217	1,784,561	3,931,412	2,146,851
Ontario ..	4	4,411,670	1,126	1,050,783	1,688,404	4,575,741	2,887,347
<u>1927</u>							
CANADA ..	14	22,327,818	2,890	2,339,971	4,016,631	9,570,917	5,554,286
Quebec ...	9	16,255,544	1,412	1,010,972	2,086,804	4,154,444	2,067,640
Ontario ..	5	6,072,274	1,478	1,328,999	1,929,827	5,416,473	3,486,646
<u>1928</u>							
CANADA ..	16	26,159,703	3,933	3,441,549	4,638,717	10,897,273	6,258,556
Quebec ...	9	17,068,670	2,162	1,823,057	2,402,265	4,998,738	2,596,473
Ontario ..	7	9,091,033	1,771	1,618,492	2,236,452	5,898,535	3,662,083
<u>1929</u>							
CANADA ..	23	28,278,657	4,372	3,825,796	6,091,124	14,476,080	8,384,956
Quebec ...	12	18,368,727	2,569	2,132,391	3,320,406	8,327,576	5,007,170
Ontario ..	11	9,909,930	1,803	1,693,405	2,770,718	6,148,504	3,377,786
<u>1930</u>							
CANADA ..	25	30,506,060	5,393	4,718,590	7,633,329	17,808,598	10,175,269
Quebec ...	15	22,298,970	3,692	3,071,420	5,107,582	11,883,085	6,775,503
Ontario ..	10	8,207,090	1,701	1,647,170	2,525,747	5,925,513	3,399,766

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Table 1. - Principal Statistics, 1917-1932. - (Concl'd.)

Year and Provinces	Estab-lish-ments Report-ing	Capital Invested	Em-ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
<u>1931</u>							
CANADA ...	23	32,205,207	6,273	5,758,995	6,482,197	18,187,492	11,705,295
Quebec	13	23,197,123	4,306	3,926,131	4,311,512	12,425,851	8,114,339
Ontario	10	9,008,084	1,967	1,832,864	2,170,685	5,761,641	3,590,956
<u>1932</u>							
CANADA ...	24	28,021,412	7,036	5,756,865	7,858,104	19,864,843	12,006,739
Quebec	15	19,449,406	4,907	3,834,856	5,629,907	13,844,989	8,215,082
Ontario	9	8,572,006	2,129	1,922,009	2,228,197	6,019,854	3,791,657

Table 2. - Comparison of Principal Statistics, 1931 and 1932.

Items		1931	1932	∕ Increase - Decrease
Establishments reporting	No.	23	24	∕ 1
Capital invested	\$	32,205,207	28,021,412	- 4,183,795
Employees on salaries	Total No.	613	618	∕ 5
Male	No.	427	417	- 10
Female	No.	186	201	∕ 15
Total salaries	\$	1,212,984	1,128,023	- 84,961
Employees on wages (Monthly Average)	No.	5,660	6,418	∕ 758
Male	No.	3,032	3,581	∕ 549
Female	No.	2,628	2,837	∕ 209
Total wages	\$	4,546,011	4,628,842	∕ 82,831
Power equipment -				
Units	No.	13,258	13,490	∕ 232
Horse-power capacity	H.P.	13,616	14,423	∕ 807
Cost of fuel and electricity	\$	523,513	649,568	∕ 126,055
Cost of materials used	\$	6,482,197	7,858,104	∕ 1,375,907
Gross value of production	\$	18,187,492	19,864,843	∕ 1,677,351
Value added by manufacture	\$	11,705,295	12,006,739	∕ 301,444

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Table 3. - Production, 1931 and 1932.

Principal Products	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Broad silk -					
Real silk	Yard	8,657,612	6,469,207	10,171,470	6,441,482
Artificial silk	"	4,073,434	2,323,662	7,206,373	3,362,901
Real and artificial silk and mixtures	"	3,542,690	3,001,725	4,592,232	3,416,194
Real and artificial silk yarns, thread, embroidery thread, etc. and their mixtures, spun for sale .	Pound	4,383,839	4,055,203	5,357,388	4,221,060
All other products, unable to specify	-	-	1,633,426	-	1,739,486
Custom and commission work	-	-	704,269	-	683,720
TOTAL PRODUCTS	-	-	18,187,492	-	19,864,843

Table 4. - Materials Used, 1931 and 1932.

Principal Materials	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Silk, raw	Pound	1,229,482	3,243,723	1,709,905	3,524,044
Yarns -					
Silk	"	41,374	71,663	26,766	81,184
Artificial silk	"	412,649	360,977	701,151	611,409
Cotton	"	387,158	229,052	434,437	233,108
Woollen	"	13,081	20,058	11,045	15,735
Worsted	"	-	-	14,724	13,993
All other	"	81,746	71,703	71,226	83,745
Dyes and chemicals, including sulphite pulp ..	-	-	1,773,192	-	2,202,921
Spools	-	-	39,719	-	15,903
All other materials	-	-	273,491	-	225,452
Dyeing charges	-	-	283,548	-	721,399
Packing and shipping materials	-	-	115,071	-	129,211
TOTAL MATERIALS	-	-	6,482,197	-	7,858,104

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Table 5. - Capital Invested, 1927-1932.

Year and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, Fuel and Miscellaneous supplies, etc.	Inventory Value of Finished Products on hand	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
<u>1931</u>					
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
<u>1932</u>					
CANADA	18,131,911	2,763,269	2,131,167	4,995,065	28,021,412
Quebec	12,659,372	2,255,711	1,005,518	3,528,805	19,449,406
Ontario	5,472,539	507,558	1,125,649	1,466,260	8,572,006

Table 6. -- Size of Establishments, 1931 and 1932.

Establishments having a Production of: -	1931			1932		
	Estab-lish-ments Report-ing	Total Production	Average Production per Estab-lishment	Estab-lish-ments Report-ing	Total Production	Average Production per Estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$200,000	8	769,529	96,191	9	862,919	95,879
\$200,000 to under \$500,000	6	1,779,670	296,611	5	1,495,056	299,011
\$500,000 to under \$1,000,000	9	15,638,293	1,737,588	4	2,198,885	549,721
\$1,000,000 and over.)				6	15,307,983	2,551,330
TOTAL AND AVERAGE.	23	18,187,492	790,761	24	19,864,843	827,702

THE SILK INDUSTRY IN CANADA, 1932.

Table 6. - Size of Establishments, 1931 and 1932. - (Concl'd.)

Establishments having a Capital Investment of: -	1 9 3 1			1 9 3 2		
	Estab- lish- ments Report- ing	Total Capital	Average Capital per Estab- lishment	Estab- lish- ments Report- ing	Total Capital	Average Capital per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$200,000	7	638,559	91,223	9	793,910	88,212
\$200,000 to under \$500,000	5	1,752,558	350,511	4	913,140	228,285
\$500,000 to under \$1,000,000	4	2,941,140	735,285	5	3,431,061	686,212
\$1,000,000 and over	7	26,872,950	3,838,993	6	22,883,301	3,813,883
TOTAL AND AVERAGE	23	32,205,207	1,400,226	24	28,021,412	1,167,559

Establishments having an Average Employment of: -	1 9 3 1			1 9 3 2		
	Estab- lish- ments Report- ing	Total Employees	Average Employees per Estab- lishment	Estab- lish- ments Report- ing	Total Employees	Average Employees per Estab- lishment
	No.	No.	No.	No.	No.	No.
20 to under 50 employees	7	188	26.9	6	196	32.7
50 to under 100 employees	7	874	124.9	3	210	70.0
100 to under 200 employees				5	712	142.4
200 to under 500 employees	6	1,752	292.0	5	1,116	223.2
500 employees and over	3	3,459	1,153.0	5	4,802	960.4
TOTAL AND AVERAGE.	23	6,273	272.8	24	7,036	293.2

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Table 7. - Employees by Sex and Remuneration and by Provinces, 1931 and 1932.

	CANADA	Quebec	Ontario
<u>1 9 3 1</u>			
Salaried employees -			
Total	No. 613	487	126
Male	No. 427	337	90
Female	No. 186	150	36
Total salaries	\$ 1,212,984	940,038	272,946
Wage-earners .. (Monthly Average)			
Male	No. 5,660	3,819	1,841
Female	No. 3,032	2,125	907
Total wages	\$ 4,546,011	2,986,093	1,559,918
All employees -			
Total	No. 6,273	4,306	1,967
Male	No. 3,459	2,462	997
Female	No. 2,814	1,844	970
Total Salaries and Wages ...	\$ 5,758,995	3,926,131	1,832,864
<u>1 9 3 2</u>			
Salaried employees -			
Total	No. 618	484	134
Male	No. 417	317	100
Female	No. 201	167	34
Total salaries	\$ 1,128,023	840,295	287,728
Wage-earners .. (Monthly Average)			
Male	No. 6,418	4,423	1,995
Female	No. 3,581	2,572	1,009
Total wages	\$ 4,628,842	2,994,561	1,634,281
All employees -			
Total	No. 7,036	4,907	2,129
Male	No. 3,998	2,889	1,109
Female	No. 3,038	2,018	1,020
Total Salaries and Wages ...	\$ 5,756,865	3,834,756	1,922,009

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Table 8. - Monthly Employment of Wage-earners, 1931 and 1932.

Months	1 9 3 1			1 9 3 2		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	2,746	2,528	5,274	3,272	2,755	6,027
February	2,812	2,556	5,368	3,501	2,928	6,429
March	2,931	2,687	5,618	3,627	2,925	6,552
April	2,935	2,651	5,586	3,657	2,889	6,546
May	2,980	2,487	5,467	3,630	2,870	6,500
June	3,033	2,589	5,622	3,554	2,830	6,384
July	3,086	2,664	5,750	3,515	2,794	6,309
August	3,172	2,638	5,810	3,537	2,814	6,351
September	3,159	2,684	5,843	3,663	2,895	6,558
October	3,153	2,670	5,823	3,646	2,848	6,494
November	3,168	2,676	5,844	3,667	2,773	6,440
December	3,208	2,709	5,917	3,681	2,707	6,388
MONTHLY AVERAGE ...	3,032	2,628	5,660	3,581	2,837	6,418

Table 9. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1931 and 1932.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1931	1932		1931	1932
40 hours or less ...	91	43	51-53 hours	1,554	1,200
41-43 hours	25	65	54 hours	24	7
44 hours	10	153	55 hours	1,683	1,928
45-47 hours	169	244	56-59 hours	100	427
48 hours	949	980	60 hours	186	431
49-50 hours	1,517	1,406	Over 60 hours ...	177	97

The above table does not include overtime.

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Table 10. - Power Installation, 1931 and 1932.

Classes of Power	1931		1932	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines	8	394	8	425
Hydraulic turbines or water wheels	3	275	-	-
Electric motors operated by purchased power	13,247	12,947	13,482	13,998
TOTAL POWER USED IN MANUFACTURING	13,258	13,616	13,490	14,423
Electric motors operated by power generated in the establishment	38	354	-	-
Total Electric Motors	13,285	13,301	13,482	13,998
Boiler Installation	33	5,309	36	6,229

Table 11. - Consumption of Fuel and Electricity, 1931 and 1932.

Kinds of Fuel	Unit of Measure	1931		1932	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Coal -	Ton				
Bituminous	(2000 Lbs.)	31,637	202,126	31,127	199,061
Anthracite	"	2,207	18,201	2,628	19,667
Lignite	"	305	1,707	-	-
Gasoline	Gal. (Imp.)	19,040	6,333	22,500	6,453
Fuel or diesel oil ...	" "	607,436	35,787	2,042,235	116,261
Wood	Cord	-	-	27	103
TOTAL COST OF FUEL	-	-	264,154	-	341,545
Electricity purchased for power (including service charges)	K.W.H.	22,594,355	259,359	26,571,445	308,023
TOTAL COST OF FUEL AND ELECTRICITY .	-	-	523,513	-	649,568

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Table 12. - Mechanical Equipment, 1931 and 1932.

	1931	1932
Spindles -		
Throwing	41,351	41,056
Winding (raw silk only)	30,065	35,681
Spinning and twisting	52,312	36,960
Redrawing	-	3,346
Reeling	-	568
Spun silk	-	1,600
Spinning	9,320	17,728
Doublers	3,374	4,214
Others, not specified	376	70
Looms (with or without Jacquard attachment) -		
40 inch or under reed space	217	142
Over 40 inch reed space	2,082	2,290
Ribbon	63	86
Jacquard machines (include all, whether operated with or disconnected from looms)	168	198
Braiding machines	2,026	1,541
Hosiery knitting machines	166	167
Redrawers	1,145	760
Other machinery -		
Warpers	-	30
Cone winders	156	126
Winding frames	-	456
Stretchers	-	192
Quilling	-	113
All other	-	18

THE SILK INDUSTRY IN CANADA, 1932.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1931 and 1932.

	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
			\$		\$
REAL SILK AND MANUFACTURES -					
Silk cocoons, raw silk not more advanced than singles, not to include material wholly or partially degummed -					
United States	Pound	1,762,626	4,756,137	2,397,411	4,889,263
China	"	25,695	49,678	123,022	244,537
Japan	"	471,922	1,254,027	344,943	905,443
Other Countries	"	-	-	704	1,754
TOTAL	"	2,260,243	6,059,842	2,866,080	6,040,997
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 -					
United Kingdom	Pound	15,142	7,200	6,683	4,291
United States	"	22,767	8,032	26,392	8,021
Germany	"	62,900	17,981	55,156	14,111
TOTAL	"	100,809	33,213	88,231	26,423
Yarns and warps, wholly of thrown silk, in the gum, n.o.p. -					
United States	Pound	246	1,206	770	2,069
Japan	"	30	142	-	-
TOTAL	"	276	1,348	770	2,069

THE SILK INDUSTRY IN CANADA, 1932.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1931 and 1932. - (Cont'd.)

	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Value \$	Quantity	Value \$
Rovings, yarns and warps, wholly of spun silk, generally known as schappe and bourette, not more advanced than singles, n.o.p. -					
United States	Pound	11,057	24,969	2,803	6,465
Other Countries	"	630	1,525	601	763
TOTAL	"	11,687	26,494	3,404	7,228
Rovings, yarns and warps, wholly or in part of silk, n.o.p., including threads, cords or twist for sewing, embroidering or other purposes -					
United Kingdom	-	-	41,909	-	21,409
United States	-	-	103,110	-	62,265
Other Countries	-	-	373	-	358
TOTAL	-	-	145,392	-	84,032
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 -					
United Kingdom	Pound	14,526	40,451	12,115	38,622
United States	"	15,141	29,786	5,074	12,329
Switzerland	"	9,602	16,968	5,020	9,956
Other Countries	"	1,228	2,429	1,796	4,394
TOTAL	"	40,497	89,634	24,005	65,301
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 lb. per 100 yds., imported for the purpose of being degummed, dyed and finished in Canada -					
France	Yard	289,315	80,156	39,932	9,566
Japan	"	232,656	56,667	114,519	22,666
Other Countries	"	13,279	6,695	174	131
TOTAL	"	535,250	143,518	154,625	32,363

THE SILK INDUSTRY IN CANADA, 1932.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1931 and 1932. - (Cont'd.)

	Unit of Measure	1931		1932	
		Quantity	Value \$	Quantity	Value \$
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	Yard	62,124	58,307	27,018	26,697
United States	"	1,508,407	1,408,099	399,327	326,439
France	"	388,043	295,781	96,108	77,457
Japan	"	3,774,277	1,139,570	547,352	146,092
Switzerland	"	140,329	85,253	30,165	16,969
Other Countries	"	71,307	44,728	8,788	9,581
TOTAL	"	5,944,487	3,031,738	1,108,758	603,235
Woven fabrics, wholly of silk, 26 inches in width or less, n.o.p. -					
United Kingdom	Yard	12,112	9,694	3,838	3,528
United States	"	1,548	1,409	786	442
France	"	312,638	51,886	258,832	40,915
Japan	"	59,775	13,993	238,250	45,472
Switzerland	"	85,371	32,389	32,607	22,905
Other Countries	"	2,722	919	14,245	5,776
TOTAL	"	474,166	110,290	548,558	119,038
Knitted fabrics, wholly or in part of silk -					
United States	Yard	625	58	38,077	14,122
Other Countries	"	40	896	114	184
TOTAL	"	665	954	38,191	14,306
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 -					
United Kingdom	Yard	26,772	33,570	7,633	12,965
United States	"	13,458	21,959	13,266	19,151
France	"	281,435	320,750	395,356	389,977
Germany	"	122,355	141,569	82,771	84,892
Other Countries	"	29,454	26,416	8,465	8,157
TOTAL	"	473,474	544,264	507,491	515,142

THE SILK INDUSTRY IN CANADA, 1932.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1931 and 1932.
- (Cont'd.)

	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
			\$		\$
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. -					
United Kingdom	Yard	29,582	19,424	8,645	6,276
United States	"	1,028	1,521	5,458	5,336
France	"	358,909	191,255	104,915	49,871
Other Countries	"	26,891	20,005	3,552	2,662
TOTAL	"	416,410	232,205	122,570	64,145
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	-	-	10,400	-	6,132
United States	-	-	88,787	-	39,246
France	-	-	125,281	-	45,714
Switzerland	-	-	58,653	-	30,611
Other Countries	-	-	9,174	-	10,644
TOTAL	-	-	292,295	-	132,347
Bolting cloth, not made up -					
United States	-	-	36,325	-	27,604
Switzerland	-	-	1,179	-	6,215
Other Countries	-	-	5,615	-	4,143
TOTAL	-	-	43,119	-	37,962

THE SILK INDUSTRY IN CANADA, 1932.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1931 and 1932.
- (Cont'd.)

	Unit of Measure	1 9 3 1		1 9 3 2		
		Quantity	Value \$	Quantity	Value \$	
Woven fabrics, 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 for use exclusively in the manufacture of neckties, scarves or mufflers -						
United Kingdom	-	-	21,241	-	27,768	
United States	-	-	193,251	-	141,614	
Austria	-	-	64,149	-	12,989	
Czechoslovakia	-	-	76,567	-	68,557	
France	-	-	68,615	-	27,807	
Germany	-	-	296,833	-	289,980	
Italy	-	-	139,419	-	119,040	
Switzerland	-	-	183,420	-	163,944	
Other Countries	-	-	18,260	-	10,842	
TOTAL	-	-	1,061,755	-	862,541	
Blouses and shirtwaists, silk -						
United States	-	-	6,895	-	2,178	
France	-	-	244	-	4,770	
Other Countries	-	-	4,869	-	769	
TOTAL	-	-	12,008	-	7,717	
Corsets of silk -						
United States	-	-	1,645	-	325	
France	-	-	876	-	220	
Other Countries	-	-	92	-	-	
TOTAL	-	-	2,613	-	545	
Shirts, silk -						
United Kingdom	-	-	258	-	363	
United States	-	-	419	-	544	
Other Countries	-	-	924	-	1,176	
TOTAL	-	-	1,601	-	2,083	
Socks and stockings, wholly or in part of silk -						
United Kingdom	Doz.	Pr.	1,391	10,184	376	3,228
United States	"	"	2,404	21,956	1,147	13,195
Other Countries	"	"	963	11,742	431	4,683
TOTAL	"	"	4,758	43,882	1,954	21,106

THE SILK INDUSTRY IN CANADA, 1932.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1931 and 1932.
- (Cont'd.)

	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Value	Quantity	Value
			\$		\$
Underwear, knitted, silk -					
United States	-	-	3,607	-	797
Switzerland	-	-	5,757	-	633
Other Countries	-	-	-	-	666
TOTAL	-	-	9,364	-	2,096
Clothing, silk, n.o.p. -					
United Kingdom	-	-	131,384	-	84,066
United States	-	-	1,391,168	-	520,767
China	-	-	88,273	-	41,473
France	-	-	395,340	-	190,333
Japan	-	-	60,944	-	51,302
Other Countries	-	-	60,619	-	27,690
TOTAL	-	-	2,127,728	-	915,631
Handkerchiefs, silk -					
United Kingdom	-	-	5,914	-	2,442
France	-	-	10,222	-	9,972
Japan	-	-	44,428	-	30,031
Other Countries	-	-	23,645	-	6,952
TOTAL	-	-	84,209	-	49,397
Articles made from woven fabrics and all textile manufactures, n.o.p., of which silk is the component of chief value -					
United Kingdom	-	-	53,219	-	20,568
United States	-	-	144,307	-	29,340
France	-	-	43,114	-	12,801
Japan	-	-	32,576	-	11,091
Other Countries	-	-	40,869	-	11,160
TOTAL	-	-	314,085	-	84,960

THE SILK INDUSTRY IN CANADA, 1932.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1931 and 1932.
- (Cont'd.)

	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Value \$	Quantity	Value \$
SUMMARY OF IMPORTS OF REAL SILK AND MANUFACTURES BY PRINCIPAL COUNTRIES -					
United Kingdom	-	-	444,783	-	260,634
United States	-	-	8,248,574	-	6,122,890
Austria	-	-	82,203	-	23,975
Belgium	-	-	19,137	-	11,196
China	-	-	161,909	-	291,722
Czecho Slovakia	-	-	81,399	-	70,534
France	-	-	1,607,193	-	869,172
Germany	-	-	517,057	-	410,920
Italy	-	-	200,068	-	144,518
Japan	-	-	2,615,770	-	1,219,346
Switzerland	-	-	420,329	-	261,131
Other Countries	-	-	13,129	-	4,626
TOTAL IMPORTS ...	-	-	14,411,551	-	9,690,664

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 -

United Kingdom	Pound	431,906	403,269	33,816	26,792
United States	"	39,214	27,535	5,487	5,711
France	"	66,923	52,442	36,648	32,002
Germany	"	38,208	25,521	46,078	34,938
Netherlands	"	1,057,654	508,469	835,925	392,589
Switzerland	"	30,368	21,126	15,588	12,006
Other Countries	"	58,068	34,360	15,663	5,766
TOTAL	"	1,722,341	1,072,722	989,205	509,804

THE SILK INDUSTRY IN CANADA, 1932.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1931 and 1932
- (Cont'd.)

	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
			\$		\$
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	Pound	20,141	28,067	53,813	40,775
United States	"	14,579	24,853	17,984	22,613
France	"	9,623	7,695	15,078	13,333
Other Countries	"	14,305	9,444	12,313	10,530
TOTAL	"	58,648	70,059	99,188	87,251
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	Pound	-	1,797,874	1,046,112	1,412,776
United States	"	-	625,315	64,197	122,878
France	"	-	440,155	84,630	146,372
Italy	"	-	96,038	26,096	31,159
Japan	"	-	716,240	228,924	213,713
Switzerland	"	-	191,281	12,812	29,622
Other Countries	"	-	104,523	21,200	23,590
TOTAL	"	-	3,971,426	1,483,971	1,980,110
Knitted fabrics, wholly or in part of artificial silk -					
United Kingdom	Yard	1,558	980	1,643	1,299
United States	"	42,327	11,459	21,364	14,819
Other Countries	"	55	55	376	476
TOTAL	"	43,940	12,494	23,383	16,594

THE SILK INDUSTRY IN CANADA, 1932.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1931 and 1932. - (Cont'd.)

	Unit of Measure	1931		1932	
		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 States	-	-	28,676	-	30,107
France	-	-	70,590	-	72,234
Switzerland	-	-	134,540	-	59,681
Other Countries	-	-	20,229	-	8,534
TOTAL	-	-	254,035	-	170,556
Socks and stockings, wholly or in part of artificial silk or similar synthetic fibres, produced by chemical processes, but not containing silk -					
United Kingdom	Doz. Pr.	4,152	18,298	1,132	4,228
United States	" "	5,116	12,906	1,140	3,071
Other Countries	" "	1,833	3,560	605	2,263
TOTAL	" "	11,101	34,764	2,877	9,562
Corsets of Artificial silk -					
United States	Oz.	-	-	3,249	845
Other Countries	"	-	-	66	41
TOTAL	"	-	-	3,315	886
Clothing and wearing apparel, chiefly of artificial silk -					
United Kingdom	-	-	51,802	-	30,178
United States	-	-	126,730	-	26,582
France	-	-	35,963	-	11,576
Other Countries	-	-	148,784	-	18,614
TOTAL	-	-	363,279	-	86,950

THE SILK INDUSTRY IN CANADA, 1932.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1931 and 1932. - (Cont'd.)

	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
			\$		\$
Handkerchiefs, artificial silk -					
United Kingdom	-	-	511	-	3,914
United States	-	-	234	-	12,277
Other Countries	-	-	2,066	-	420
TOTAL	-	-	2,811	-	16,611
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	-	-	58,390	-	37,397
United States	-	-	83,435	-	15,413
France	-	-	14,968	-	6,345
Germany	-	-	16,224	-	4,218
Other Countries	-	-	68,814	-	5,660
TOTAL	-	-	241,831	-	69,033
SUMMARY OF IMPORTS OF ARTIFICIAL SILK AND MANUFACTURES BY PRINCIPAL COUNTRIES -					
United Kingdom	-	-	2,361,471	-	1,558,345
United States	-	-	941,143	-	242,039
France	-	-	624,389	-	282,403
Germany	-	-	105,373	-	66,644
Italy	-	-	145,437	-	34,687
Japan	-	-	842,450	-	223,688
Netherlands	-	-	518,300	-	395,106
Switzerland	-	-	365,684	-	122,460
Other Countries	-	-	119,174	-	21,985
TOTAL IMPORTS .	-	-	6,023,421	-	2,947,357

THE SILK INDUSTRY IN CANADA, 1932.

Table 13. - Imports of Real and Artificial Silk and Their Manufactures, 1931 and 1932.
(Concl'd.)

	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Value	Quantity	Value
			\$		\$
TOTAL IMPORTS OF REAL AND ARTIFICIAL SILK AND THEIR MANUFACTURES -					
Real silk	-	-	14,411,551	-	9,690,664
Artificial silk	-	-	6,023,421	-	2,947,357
TOTAL IMPORTS .	-	-	20,434,972	-	12,638,021

Table 14. - Exports of Real and Artificial Silk Manufactures, 1931 and 1932, by Principal Countries.

	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Value	Quantity	Value
			\$		\$
REAL SILK AND MANUFACTURES -					
Socks and stockings of silk -					
United Kingdom	Doz. Pr.	-	-	16,785	135,422
British Guiana	" "	-	-	707	5,659
British South Africa	" "	-	-	37,655	282,900
British West Indies	" "	-	-	5,373	40,845
Newfoundland	" "	-	-	579	4,333
New Zealand	" "	-	-	32,439	211,982
Denmark	" "	-	-	950	8,482
Norway	" "	-	-	478	4,340
Sweden	" "	-	-	1,787	17,058
Other Countries	" "	-	-	2,451	20,693
TOTAL	" "	-	-	99,204	731,714
Silk, manufactures of, n.o.p. -					
United Kingdom	-	-	629	-	3,375
United States	-	-	2,600	-	2,884
Australia	-	-	1,092	-	10,391
British Guiana	-	-	1,117	-	2,433
British South Africa	-	-	5,528	-	2,507
British West Indies	-	-	20,428	-	21,248
Newfoundland	-	-	17,743	-	12,195
Other Countries	-	-	11,254	-	5,668
TOTAL	-	-	60,391	-	60,701

THE SILK INDUSTRY IN CANADA, 1932.

Table 14. - Exports of Real and Artificial Silk Manufactures, 1931 and 1932, by Principal Countries. - (Concl'd.)

Unit of Measure	1931		1932	
	Quantity	Value	Quantity	Value
		\$		\$
SUMMARY OF EXPORTS OF REAL SILK AND MANUFACTURES -				
United Kingdom	-	-	-	138,797
United States	-	-	-	2,884
Australia	-	-	-	10,391
British Guiana	-	-	-	8,092
British South Africa	-	-	-	285,407
British West Indies	-	-	-	62,093
Newfoundland	-	-	-	16,528
New Zealand	-	-	-	211,982
Denmark	-	-	-	8,482
Norway	-	-	-	4,340
Sweden	-	-	-	17,058
Other Countries	-	-	-	26,361
TOTAL	-	-	-	792,415
ARTIFICIAL SILK AND MANUFACTURES -				
United Kingdom	-	485	-	858
United States	-	1,241	-	1,241
British India	-	86,367	-	23,206
British South Africa	-	49,330	-	42,191
British West Indies	-	12,357	-	14,212
Newfoundland	-	7,571	-	5,114
New Zealand	-	11,978	-	9,356
Egypt	-	15,090	-	1,932
Other Countries	-	24,971	-	3,821
TOTAL	-	209,390	-	101,931
TOTAL EXPORTS OF REAL AND ARTIFICIAL SILK AND MANUFACTURES -				
/ Real silk	-	60,391	-	792,415
Artificial silk	-	209,390	-	101,931
TOTAL EXPORTS	-	269,781	-	894,406

/ Cannot make comparison as socks and stockings are included for first time.

THE SILK INDUSTRY IN CANADA, 1932.

A P P E N D I X

Firms Engaged in the Silk Industry in Canada, 1932.

QUEBEC

Canadian T. S. R. of Lyons Limited,	Cap De La Madeleine.
Belding-Corticelli Limited,	Coaticook.
Bruck Silk Mills Limited,	Cowansville.
Canadian Celanese Limited,	Drummondville.
Louis Roessel & Company Limited,	Drummondville.
Carl Stohn of Canada Limited,	Granby.
Stark Bros. Ribbon Corporation of Canada Ltd.,	Granby.
Associated Textiles of Canada Limited,	Louiseville.
M. E. Binz Company Limited,	Montmagny.
Belding-Corticelli Limited,	1455 Shearer Street, Montreal.
British American Silk Mills Limited,	747A. Guy Street, Montreal.
Royal Silk Mills of Canada, Incorporated,	401 Marine Avenue, Montreal.
Consolidated Silk Mills Limited,	St. Hyacinthe.
Albert-Godde Bedin Limited,	St. Johns.
Belding-Corticelli Limited,	St. Johns.

ONTARIO

Slingsley Silks Limited,	Brantford.
Courtaulds Limited,	Cornwall.
Newlands & Company Limited,	Galt.
Riverside Silk Mills Limited,	Galt.
Grouts' Limited,	St. Catharines.
Dominion Silk Mills Limited,	2 Mark Street, Toronto.
Dominion Rayon Weaving Company Limited,	231 Front Street, Toronto.
L. & L. Textiles Limited,	221 Sterling Road, Toronto.
The B. Edmund David Silk Mills of Canada Limited,	Hawkesbury.

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