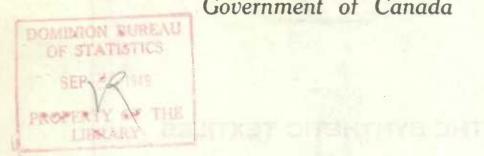
## Government of Canada



## THE SYNTHETIC TEXTILES

AND

SILK INDUSTRY

IN

CANADA

1947



34-208

# DOMINION BUREAU OF STATISTICS DEPARTMENT OF TRADE AND COMMERCE

## THE SYNTHETIC TEXTILES

AND

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Published by Authority of the Rt. Hon. C. D. Howe Minister of Trade and Commerce

This report is a part of the annual Census of Industry and Merchandising, prepared in the General Manufactures Section,

Dominion Bureau of Statistics, Ottawa

This industry is identical with that previously entitled "Artificial and Real Silk". The term "Artificial" has been discarded in favour of the designation "Synthetic" which is considered more aptly descriptive of the processes used in and the products manufactured by the industry.

During 1947 the amount of silk used in this industry was, as in recent years, a negligible quantity and the statistics presented in this report are concerned almost entirely with the production of the three main types of synthetic yarms, namely, viscose rayon, acetate rayon and nylon, and the spinning and weaving operations of firms whose materials are largely these. Considerable quantities of continuous filament rayon yarn and rayon staple fibre are consumed by mills which, because their output is predominantly cotton yarn and fabric, have been assigned to the Cotton Yarn and Cloth Industry. Here the rayon staple fibre is spun into yarn on the cotton systems and the continuous filament and the spun rayon yarn woven into fabrics of all continuous filament rayon, all spun rayon, or a mixture of one or the other with cotton. The production of the cotton mills is not included in this report. For total production of synthetic textiles in Canada reference should be made to the "Alphabetical List of Products Manufactured in Canada" which is shown as an appendix to all annual reports on the "Manufacturing Industries of Canada".

In 1947 reports were received from forty establishments, four more than in the previous year. Thirty of these were located in Quebec, nine in Ontario, and one in New Brunswick.

The industry operated at a substantially higher level in the year under review than in 1946. Its gross value of production amounted to \$84,869,922, an increase of \$19,348,855 or 29.5 per cent as compared with the previous year. Employment was furnished to 14,728 persons, 1,628 or 12.5 per cent more than in 1946 and the payroll, \$24,284,463, represented an additional disbursement of \$5,394,342 or 28.5 per cent. The cost of materials used, \$32,659,919, exceeded that reported for 1946 by \$8,560,446 or 35.5 per cent.

Woven fabrics were produced to the extent of 79,168,849 yards worth \$52,100,068, thus accounting for 61.4 per cent of the gross value of production. Fabric woven entirely from continuous filament synthetic yarn amounted to 55,914,795 yards valued at \$35,290,932, a substantial increase over 1946 when production of the same item was reported as 51,586,742 yards with a value of \$28,485,906. Fabrics of spun rayon (including spun rayon mixtures) were produced to a somewhat lesser amount in 1947 than in 1946, the production of the two years being 12,542,051 yards and 15,721,196 yards, respectively.

Purchased yarn continued to be the leading material used by the industry and in 1947 was consumed in the following quantities: continuous filament viscose, acetate and bemberg, 11,340,980 pounds worth \$10,312,370; spun rayon (including spun rayon mixtures), 4,266,915 pounds worth \$2,894,056; nylon, 355,907 pounds worth \$1,192,487; and cotton, 2,199,918 pounds worth \$1,722,064. Rayon staple fibre was used to the extent of 6,995,614 pounds having a value of \$2,255,873. Dyestuffs, chemicals, etc., used cost \$3,342,418, the large total being partly due to the use of chemicals in the conversion of wood pulp, etc., into synthetic fibre and yarn.

In 1947 the imports of silk and synthetic fibres, yarns and fabrics totalled in value \$34,054,925, which amount was \$11,068,692 or 48.2 per cent in excess of the 1946 figure. The increase was largely attributable to the substantially enlarged importation of fabrics. Rayon staple fibre imports stood at 12,507,870 pounds worth \$4,121,285, this being an increase of 3,054,077 pounds in the volume and \$1,262,194 in the value over the previous year.

For complete details of imports and exports, reference should be made to Tables 13 and 14 of this report

Table 1. - Principal Statistics, Representative Years, 1923 to 1947

Year	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
1923	23 24 33 29 28 26 27 30 33 33 32	\$ 4,594,313 28,278,657 28,021,412 35,063,023 34,135,176 31,780,203 32,343,433 38,615,058 42,690,766 50,279,255 50,361,261 (1) (1)	No. 1,457 4,372 7,036 10,088 10,246 8,922 8,221 8,512 10,140 11,088 10,920 11,315 11,950	\$ 1,224,036 3,825,796 5,756,865 8,371,037 9,099,437 8,147,841 7,972,404 8,757,474 11,005,770 13,039,579 13,714,158 14,963,589 16,187,441	\$ 2,677,229 6,091,124 7,858,104 10,946,739 10,453,196 8,882,157 9,872,472 11,662,908 15,855,842 18,339,710 19,454,469 19,824,898 20,198,948	\$ 5,044,968 14,476,080 19,864,843 28,045,340 27,871,292 23,871,992 25,440,527 31,207,809 41,549,845 48,055,557 50,440,088 52,367,357 55,118,613
CANADA	. 36	(1)	13,100	18,890,121	24,099,473	65,521,067
Quebec Ontario and	27	-	9,105	12,814,308	17,245,790	44,451,338
New Brunswick			3,995	6,075,813		21,069,729
CANADA	, 40	(1)	14,728	24,284,463	32,659,919	84,869,922
Quebec	, 30	-	10,388	16,644,510	23,122,953	56,965,970
New Brunswick	, 10	<b>a</b>	4,340	7,639,953	9,536,966	27,903,952

Note: Profits or losses cannot be estimated from Census figures as no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

<sup>(1)</sup> Information has not been collected since 1943,

Table 2. - Comparison of Principal Statistics, 1946 and 1947

Items		1946	1947	+	Increase Decrease
Establishments reporting	No.	36	40	+	4
Employees on salaries:					
Total  Male  Female  Total salaries	No. No. S	1,395 872 523 3,782,939	1,627 1,049 578 4,719,413	+ + + +	232 177 55 936,474
Employees on wages:					
Monthly average  Male  Female  Total wages	No. No. No.	11,705 7,474 4,231 15,107,182	13,101 8,451 4,650 19,565,050	+	1,396 977 419 4,457,868
Power equipment:					
Units	No <sub>e</sub>	28,797	30,099	+	1,302
Horsepower capacity	H.P.	49,177	54,731	+	5,554
Cost of fuel and electricity	\$	1,870,932	2,400,525	+	529,593
Cost of materials used	<i>\$</i>	24,099,473	32,659,919	+	8,560,446
Gross value of production	\$	65,521,067	84,869,922	+	19,348,855

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Table 3. - Production, 1946 and 1947

		194	6	1947		
	nit of leasure	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	
			\$	design op de die Sprinsele Sprinse	\$	
Woven Fabrics:						
All silk & mixtures						
All continuous filament	Yd,	33,098	73,176	91,580	151.450	
synthetic yarn	tt	51,586,742	28,485,906	55,914,795	35,290,932	
All spun rayon		8,739,744	3,911,569	6,183,062	3,134,384	
All cotton	It	787,154	594,761	817,404	763,646	
Continuous filament syn-						
thetic yarn mixtures	tt	6,056,241	4,720,036	6,115,202	4,929,687	
Spun rayon mixtures	11	6,981,452	3,790,053	6,358,989	4,555,929	
All other woven fabrics	11	1,984,085	1,420,712	3,687,817	3,274,040	
Yarn and thread:						
Silk, including mixtures	Lba	10,602	97,863	10,654	64,093	
Synthetic singles		14,252,825	12,727,313	16,952,277	16,451,635	
Rayon, thrown		542,779	587,477	3,098,645	3,111,420	
Nylon, thrown		662,436	2,463,785	1,030,137	3,482,861	
mixtures	11	2,936,597	2,057,079	3,795,480	2,721,627	
threads	Ħ	219,570	301,706	953,188	1,597,373	
Waste	Lb,	889,859	130,378	973,892	137,047	
All other products	-	500	2,282,849		2,852,234	
Custom and commission work	-	530	1,876,404	<b>300</b>	2,351,564	
TOTAL VALUE OF PRODUCTS		-	65,521,067	20	84,869,922	

General Note:

The items of production enumerated in the above table do not necessarily represent the entire output for the Dominion, as some of them are also manufactured in other industries, particularly in the Cotton Yarn and Cloth Industry. For the total Canadian production reference should be made to the Appendix to the publication entitled "The Manufacturing Industries of Canada", published annually by the Bureau.

## Table 4. - Materials Used, 1946 and 1947

	Unit	1940	6	1	9 4 7
Principal Materials	of Measure	Quantity	Cost Value at Factory	Quantity	Cost Value
			\$		\$
Silk, raw	Pound	21,357	120,931	8,147	52,928
Rayon staple fibre	11	6,622,366	1,983,445	6,995,614	2,255,873
Other raw stock	11	_	3,386,556	-	5,819,917
Yarns:					
Silk, real	11	9,189	31,874 7,657,853	15,631	
Spun silk	16	(1)	(1)	(1)	(1)
Spun rayon (including spun rayon mixtures)	11	3,803,073	2,306,297	4,266,915	2,894,056
Nylon	1t	272,850	1,015,026	355,907	1,192,487
Cotton	89	1,839,446	1,054,678	2,199,918	1,722,064
All other	11	167,567	261,023	121,528	314,998
Chemicals and dyestuffs	-	-	2,872,269	-	3,342,418
All other materials and supplies	-	-	1,145,095	-	1,722,792
etc	-	800	461,454		613,888
Dyeing and printing, charges	-	-	1,450,053	-	1,890,186
Packing and shipping materials	-	90	352,919	-	441,374
TOTAL COST OF MATERIALS USED.	_	-	24,099,473		32,659,919

<sup>(1)</sup> Included in "Yarns, All Other".

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Table 5. - Capital Invested, 1927 to 1943.

gandanid and an Open gangar bandan da riga Per-dar Varida Papadir Papa	Fixed Capital	Working	Capital	
Year and Provinces	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, stocks in process, finished products, fuel and miscellaneous supplies, etc.	Cash, bills and accounts receivable, prepaid expensetc	Total Capital
	\$	\$	\$	\$
Canada, 1927  1928 1929 1930 1931 1932 1933 1934 1936 1937 1938 1939 1940	13,348,083 16,797,259 17,795,190 18,947,649 21,754,419 18,131,911 18,844,213 22,247,906 21,444,973 19,735,561 19,489,080 20,847,100 21,010,070 20,786,432 20,498,502	2,600,098 3,656,489 4,360,403 5,029,017 4,810,674 4,894,436 4,060,272 4,917,200 5,757,971 6,185,698 6,957,891 6,898,935 6,009,278 7,337,537 7,650,394	6,379,637 5,705,955 6,123,064 6,529,394 5,640,114 4,995,065 7,288,385 7,027,786 7,860,079 9,026,384 7,688,205 4,034,168 5,324,085 10,491,089 14,541,870	22,327,818 26,159,703 28,278,657 30,506,060 32,205,207 28,021,412 30,192,870 34,192,892 35,063,023 34,947,643 34,135,176 31,780,203 32,343,433 38,615,058 42,690,766
1942				
CANADA	27,531,272	8,878,249	13,869,734	50,279,255
Quebec	13,379,897	6,151,517	8,447,180	27,978,594
New Brunswick .	14,151,375	2,726,732	5,422,554	22,300,661
1943				
CANADA	26,723,529	8,445,535	15,192,147	50,361,261
Quebec	13,089,635	5,957,939	8,899,385	27,946,959
Ontario and New Brunswick .	13,633,894	2,487,646	6,292,762	22,414,302

This information has not been collected since 1943.

Table 6. - Size of Establishments, 1946 and 1947 Establishments Cost of Gross Estab-Em-Salaries Materials having a lish-Value of ployees and Wages Used Production production of ments No. No. 1946 Under \$25,000 ..... \$50,000 to under \$100,000 ... 2) 1,084 1,342,138 1,854,864 4,089,875 \$100,000 to under \$500,000 . 14) \$500,000 to under \$1,000,000 ...... 4 718 874,839 1,213,937 2,660,128 \$1,000,000 to under \$5,000,000 ....... 12 4,053 5,497,229 11,963,091 23,959,691 \$5,000,000 and over ...... 7,245 11,175,915 9,067,581 4 34,811,373 18,890,121 TOTAL .. 36 13,100 24.099.473 65,521,067 1947 Under \$25,000 ....... 1 923 1,357,973 1,639,678 4,040,375 \$50,000 to under \$100,000 ... 2 \$100,000 to under \$500,000 . 13 \$500,000 to under \$1,000,000 ....... 5 621 907,826 1,604,097 3,069,964 \$1.000.000 to under 14 6,753,642 \$5,000,000 ....... 4,458 14.361.172 26,794,318 \$5,000,000 and over ...... 8,726 15,265,022 15,054,972 50,965,265 40 14,728 24,284,463 32,659,919 84,869,922 TOTAL .......

	Sal		Employees	Vi	wage-earners (Monthly Averages)			Total Employees		
	Male	Fe- male	Total Salaries	Male		Total Wages	Male	Fe- male	Salaries and Wages	
	No.	No,	\$	No.	No.	\$	No.	No.	\$	
1946										
CANADA	872	523	3,782,939	7,474	4,231	15,107,182	8,346	4,754	18,890,121	
Quebec Ontario and New Bruns-	657	413	2,880,658	5,352	2,683	9,933,650	6,009	3,096	12,814,308	
wick	215	110	902,281	2,122	1,548	5,173,532	2,337	1,658	6,075,813	
1947										
CANADA 1	1,049	578	4,719,413	8,451	4,650	19,565,050	9,500	5,228	24,284,463	
uebec	801	445	3,656,503	6,080	3,062	12,988,007	6,881	3,507	16,644,510	
ntario and New Bruns-										
wick	248	133	1,062,910	2,371	1,588	6,577,043	2,619	1,721	7,639,953	

Table 8. - Monthly Employment of Wage-earners, 1945, 1946 and 1947

	1945				1946			1947		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	
	No.	No.	No.	No.	No.	No.	No.	No.	No.	
January February March April May June July August September October November December	6,111 6,118 6,037 6,061 6,098 6,164 6,297 6,346 6,472 6,697	4,535 4,584 4,533 4,466 4,468 4,336 4,344 4,304 4,292 4,359 4,401 4,240	10,620 10,695 10,651 10,503 10,529 10,434 10,508 10,601 10,638 10,831 11,098 11,070	7,174 7,369 7,420 7,279 7,327 7,434 7,331 7,544 7,556 7,736 7,933	4,320 4,346 4,301 4,236 4,138 4,147 4,064 4,056 4,112 4,121 4,151 4,165	11,494 11,715 11,721 11,515 11,465 11,581 11,395 11,600 11,640 11,677 11,887 12,098	8,332 8,399 8,435 8,342 8,381 8,329 8,442 8,471 8,412 8,571 8,642 8,670	4,406 4,547 4,611 4,620 4,562 4,541 4,523 4,628 4,726 4,788 4,932 4,886	12,738 12,946 13,046 12,962 12,943 12,870 12,965 13,099 13,138 13,359 13,556	
MONTHLY AVERAGE	6,275	4,408	10,683	7,474	4,231	11,705	8,451	4,650	13,101	

Table 9. - Number of Wage-earners in One Week of the Month of Highest Employment with their Hours of Work per week and Average Weekly Earnings, 1944 and 1945 (x)

Number of Hours	1 9	9 4 4	1 9	4 5
Worked per Week	Male	Female	Male	Female
	No.	No.	No.	No.
30 hours or less	270	400	271	375
31 - 43 hours	549	710	609	710
44 hours	113	185	172	307
45 - 47 hours	443	594	329	477
48 hours	742	689	856	581
49 - 50 hours	1,582	1,175	1,341	1,162
51 - 54 hours	596	243	1,227	522
55 hours	487	472	528	300
56 - 64 hours	1,011	76	1,163	120
65 hours and over	342	32	289	1
Average hours per week	50.4	45.6	50.5	45.6
Average weekly earnings	\$28.08	\$17,08	\$29.11	\$18.42

<sup>(</sup>x) Information not collected since 1945.

Table 10. - Power Equipment 1946 and 1947

Number of Units	946 Manufacturers Rating of	Number	Manufacturers'
	Horsepower Capacity	of Units	Rating of Horsepower Capacity
19	5.655	20	5,803
5	515	5	560
1	800	1	800
3	245	3	245
		6	375
5	3.725	5	3,725
3		3	1,000
			Control of
27.025	33.988	28,330	39,290
			2,933
20 707	1. G 777	30 000	54,731
20,171	479411	30,077	74, 171
1,764	8,283	1,782	8,370
200	700	200	700
30,720	45,880	32,038	51,293
26	10.445	31	10,712
			235
	5 1 3 5 5 3 27,025 1,731 28,797	5 515 1 800 3 245 5 340 5 3,725 3 1,000 27,025 33,988 1,731 2,909 28,797 49,177 1,764 8,283 200 700 30,720 45,880 26 10,445	5 515 5 1 800 1 3 245 3 5 340 6 5 3,725 5 1,000 3 27,025 33,988 28,330 1,731 2,909 1,726 28,797 49,177 30,099 1,764 8,283 1,782 200 700 200 30,720 45,880 32,038 26 10,445 31

Table 11. - Consumption of Fuel and Electricity, 1946 and 1947

	Unit	1 9	4 6	1 9	4 7
Kind of Fuel	Measure	Quantity	Cost Value at Factory	Guantition	Cost Value at Factory
Coal -	Ton		\$		\$
Bituminous	(2000 lb.,)	89,252	806,190	112,259	
Gasoline +	Imp, Gal.	22,545	6,392	34,111	10,631
Fuel oil	Cord	2,365,820	169,645	2,308,459	
Gas, manufactured	M. cu. ft.	1,160	1,413		17,363
TOTAL COST OF FUEL	- 1	-	1,156,247		1,447,095
Electricity purchased in- cluding service charges.	Kw.H.	115,301,189	714,685	169,284,879	953,430
TOTAL COST OF FUEL AND ELECTRICITY	-		1,870,932		2,400,525

<sup>+</sup> Gasoline used includes that used in cars and trucks.

Table 12. - Mechanical Equipment, 1946 and 1947

	1946	1947
	Number	Number
Spindles -		
Throwing	104,242 33,075 52,206 180,752 8,719 3,525 11,456 12,689 6,768	129,310 30,915 49,614 182,332 9,189 3,336 13,384 13,441 8,938
Warpers	150	146
Slashers	39	37
Looms - 40 inches and under		
41 = 48 inches 49 = 56 inches	1,603 3,377	1,916 3,457
57 inches and over	1,600	1,665
Jacquard machines in place on the above looms	180	231
Dobbies in place on the above looms	4,080	5,064
Knitting machines	169	115
Braiding machines	2	2

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Table 13. - Imports of Silk and Synthetic Fibres, Yarns and Piece Goods

	Unit	1	946	1 9	9 4 7
	UNIT	Quantity	Value	Quantity	Value
Silk			\$		\$
Raw Silk and cocoons, not degummed .	Lb.	22,893	190,624	66,916	342,850
Garnetted silk wastes, waste fabric and silk wastes, n.o.p. not includ-					
ing remnants nor mill ends	Lb.	201	202	606	1,656
Yarn, thread, cord and twist	-	100	50,314	100	66,299
Bolting cloth, not made up		440	121,329	-	122,020
Woven fabrics, silk, not to contain	Lb,	144	540	636	2,207
wool, not including fabrics in chief part by weight of synthetic					
yarn,n.o.p	yd,	104,209	338,895	152,010	321,221
width or less, n.o.p	yd.	1,946	431	1,797	4,829
or not coated or impregnated, wholl or in part of silk or synthetic yarn	у				
but not containing wool, n.o.p Woven fabrics, not exceeding 12		125,782	228,163	830,846	1,487,619
inches in width, ribbons, silk Woven fabrics of silk or synthetic	the S	-	8,318		20,174
yarn, not made in Canada, in the web, in lengths of not less than 5 yards, for neckties, scarves and					
mufflers	-	500	2,538,356	-	3,206,983
in Canada, with hemmed selvedges, when imported in lengths of not					
less than ten yards each for um- brellas	099	200	157,738	•	305,087
Synthetic Textiles					
Loose fibres in staple lengths, whole of rayon or similar synthetic fibres, not more advanced than in the form of sliver, for the manu-	ly				
facture of spun yarns	Lb.			12,507,870	4,121,285 21,461
portions of unused fabrics, filaments and loose fibres,					
n.o.p., not to include rem-		00 000	330 000	and man	30/ 00/
nants nor mill ends	11	99,752	110,982	189,708	126,396

Table 13. - Imports of Silk and Synthetic Fibres, Yarns and Piece Goods, Cont'd.

	Unit	1946		1947	
Synthetic Textiles (Conclid.) Yarns, rayon, acetate, singles,		Quantity	Value	Quantity	Value
not coloured, not more than seven turns to the inch Yarns, synthetic, singles,	lb.	2,005,121	1,735,375	1,965,186	1,852,975
than seven turns to the inch.  Yarns, threads, cords or twist, rayon, and yarns, rayon, cov-	11	2,387,136	2,608,196	2,574,346	2,762,354
ered with metallic strip, pro- duced from cellulose acetate . Yarns, threads, cords or twist, synthetic, and yarns, synthetic,	II	25,325	46,144	20,479	44,334
covered with metallic strip,	ŧŧ	756,049	824,546	819,938	949,168
Yarns, synthetic, not coloured, for cut pile fabrics	It	15,819	14,729	34,652	26,335
Yarns of synthetic fibres, produced from polyamides (nylon),	IT	11,900	71,903	42,978	141,997
Yarns, synthetic, for tire fabric	It	2,673,521	1,243,852	3,776,309	1,982,807
Knitted fabrics of synthetic yarn	II	715,670	1,861,539	810,010	2,250,765
cluding fabrics in chief part by weight of silk, n.o.p Woven fabrics, of synthetic	11	3,182,757	6,968,198	5,061,368	12,716,791
yarn, not exceeding twelve inches in width, generally known as ribbons	**		1,002,934	-	1,177,312
TOTAL		-	22,986,233	-	34,054,925

Table 14. - Exports of Synthetic Yarn and Fabrics

	Unit .	1946		1947	
		Quantity	Value	Quantity	Value
			\$		\$
Synthetic thread and yarn	de	-	86,105		2,154,007
Fabrics of synthetic yarn	Yd.	4,080,309	2,940,124	7,741,308	6,835,764

#### NEW BRUNSWICK

Canadian Cottons Limited,

Milltown, N.B.

#### QUEBEC

Acton Vale Silk Mills Ltd., Laurentian Silk Mills Ltd., (2 establishments) Coaticook Textiles Ltd., Bruck Silk Mills, Ltd., Canadian Celanese Ltd., Louis Roessel & Co. Ltd. Bruck Silk Mills Ltd., British American Silk Mills Ltd. Verney Mills of Canada, Ltd., Iberville Drapery Mills Ltd., Associated Textiles of Canada, Ltd., L. & L. Textiles Ltd. . M. E. Binz Co., Ltd., "Aux Tissages Français" Ltée., Dominion Thread Mills, Zephyr Textiles Limited, Victoria Silk Mills, Ltd., Dionne Spinning Mills Co., Canadian Silk Textiles Reg'd., Consolidated Textiles Ltd., Duplex Textiles Limited, Belding-Corticelli Ltd. J. B. Martin Co. Ltd., Dominion Spinners Ltd. Soieries P. H. Boell, Ltd., Bruck Silk Mills, Ltd., Dominion Burlington Mills Ltd., Sutton Silk Mills Ltd., Valleyfield Silk Mills Ltd. .

Acton Vale, Que, Cap de la Madeleine, Que. 330 Water St., Coaticook, Que. Cowansville, Que. Drummondville, Quebec. 628 Heriot St., Drummondville, Que. 45 St. Patrick St., Farnham. Granby, Quebec. Granby, Quebec. 62 - 4th Ave., Iberville, Que. Louiseville, Que, Magog, Que. Montmagny, Que, 7260 St. Urbain St., Montreal, Que. 52 Nazareth St., Montreal, Que. Ormstown, Quebec. Plessisville, Que, St. George. Que. St. Hyacinthe, Que. St. Hyacinthe, Que. St. Hyacinthe, Que. Richalieu St., St. Johns, Que. 445 St. James St., St. Johns, Que. 130 Gregoire St., St. Johns, Que. St. Johns, Que. 100 Woodward Ave., Sherbrooke, Que. Sherbrooke, Que. Sutton, Que. Valleyfield, Que.

## ONTARIO

Slingsby Manufacturing Co. Ltd., Courtaulds (Canada) Ltd., Newlands & Co. Ltd., Canadian Industries Ltd., Riverside Silk Mills Ltd., Fine Silk Ltd., Riverside Silk Mills Ltd., Dominion Silk Mills Ltd., Grout's Limited. Grand River Ave., Brantford, Ont.
Cornwall, Ont.
Ainslie St. S., Galt, Ont.
Kingston, Ont.
Melville St., Galt, Ont.
Midland, Ont.
Mitchell, Ont.
2 Mark St., Toronto 2, Ont.
Welland Ave., St. Catharines, Ont.

