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SYNTHETIC TEXTILES AND SILK INDUSTRY

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** – The Primary Industries, including mining, forestry and fisheries; **Volume II** – Manufacturing; **Volume III** – Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I – General Review of the Manufacturing Industries
- II – The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada
 - Section B. Atlantic Provinces
 - Section C. Quebec
 - Section D. Ontario
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- III – Foods and Beverages
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- XII – Iron and Steel Products
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- XVI – Non-metallic Mineral Products
- XVII – Products of Petroleum and Coal
- XVIII – Chemicals and Allied Products
- XIX – Miscellaneous Manufactures

The present report belongs in Part VII, Textile Mills. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A – General Review
- B – The Cotton Textile Industries
- C – The Wool Textile Industries
- D – The Synthetic Textiles and Silk Industry
- E – The Narrow Fabrics Industry
- F – The Dyeing and Finishing of Textile Goods Industry
- G – The Awning, Tent and Sail Industry
- H – The Cordage, Rope and Twine Industry
- I – The Cotton and Jute Bag Industry
- J – The Miscellaneous Textiles Industries

Prices of most reports released after January 1, 1959 have been increased. Information on the new prices of particular issues is available on request from the Information Services Division of the Dominion Bureau of Statistics.

SYNTHETIC TEXTILES AND SILK INDUSTRY

1957

The synthetic textiles and silk industry has two branches. The first is comprised of establishments which produce synthetic filament yarns and staple fibres while the second consists of spun yarn and fabric manufactures. The establishments in the first branch are too few and their activities too varied to permit a separate, detailed statistical analysis without divulging particulars of individual establishments. Although comprised of only eight concerns, this section of the industry in 1957 accounted for 49 per cent of the industry's employment and for 60 per cent of its factory shipments. Production of textile filament yarns by the seven firms in the year under review amounted to 40,036,148 pounds. The production of fibre yarn and of staple fibre by this branch of the industry cannot be published because the preponderance of several establishments would result in disclosure of individual data.

Factory shipments totalling \$163,809,960 in value were reported by the industry in the year under review. This represents a slight increase of \$2,648,465 or 1.6 per cent over the preceding year's \$161,161,495. Employees numbered 15,251, down slightly from the 15,694 in 1956. Their earnings rose by 3.9 per cent to \$51,033,746 from \$49,115,583 in the earlier year. Materials used in manufacture cost \$79,135,506 compared with \$76,492,980 in 1956, an increase of 3.5 per cent.

There was a substantial reduction in shipments of woven fabrics by the synthetic textile industry in 1957. A total of 86,972,534 lineal yards worth \$61,042,701 was shipped compared with 96,695,576 yards valued at \$64,511,571 a year earlier. Major contributor to the decline was, as in 1956, all spun rayon fabrics, deliveries of which fell from 19,631,686 yards in 1956 to 14,429,833 yards in 1957. The, all other woven fabrics shipments declined from 8,488,622 yards in 1956 to 5,224,084 yards in 1957, allowing for the separation out, for the first time, of "other" continuous filament synthetic yarn. Shipments of continuous filament rayon and continuous filament nylon fabrics declined from 42,881,141 and 5,998,568 yards, respectively, in the previous year to 40,310,368 and 5,409,089 yards, respectively, in the year under review. Deliveries of knitted fabrics at 3,634,032 pounds were slightly lower than the 3,681,035 pounds reported for 1956. Further details of factory shipments are to be found in Table 4. In Table 4(a), the 86,972,534 yards of woven fabrics shipped by the industry in 1957 were classified further according to construction. Although dress fabrics, as in 1956, ranked first with 23,904,045 yards or 27 per cent of the total, their importance has somewhat diminished.

As opposed to 1956, the prices of both rayon fabrics and yarns rose during 1957, with yarn showing a marked increase. The Bureau's monthly wholesale price index (1935-39=100) averaged 157.3 for fabric and 183.4 for yarn as against 154.4 and 170.2, respectively, in 1956.

Rayon staple fibre continued as the industry's main material, although its consumption declined from 20,370,992 pounds in 1956 to 17,139,213 pounds in 1957. The use of continuous filament rayon amounted to 9,363,508 pounds, down slightly from 9,897,549 pounds the year before. This decrease was due largely to a contraction in the use of viscose rayon from 4,546,822 pounds to 3,240,724 pounds, although bemberg also dropped from 120,545 pounds to 60,430 pounds; on the other hand, acetate rayon increased from 5,230,182 pounds to 6,062,354 pounds. The use of nylon yarn increased from 2,033,809 pounds to 2,858,330 pounds and that of cotton from 2,295,257 pounds to 2,644,141 pounds. Taking into account the revision of the 1956 figure, the cost of chemicals and dyestuffs consumed rose from \$22,448,962 in 1956 to \$22,927,393 in 1957.

A total of \$47,649,283 worth of silk and synthetic fibres, yarns and piece goods were imported in 1957 as compared with \$44,883,740 in 1956. Woven fabrics, as in 1956, accounted for almost half of the total. They were imported to the extent of 10,346,822 yards valued at \$22,506,830 which compares with the 8,963,388 yards valued at \$20,853,472 imported in 1956. Imports of staple fibre were up in both quantity and value, being 11,464,397 pounds worth \$8,042,524 in 1957 as against 8,298,642 pounds worth \$5,778,760 the year before. Imports of synthetic yarn for tire fabrics totalled 2,369,496 pounds valued at \$1,239,222, a considerable decrease from the 6,022,308 pounds worth \$3,499,316 recorded in 1956; the drop in weight of these imports exceeded slightly the estimated drop in the overall 1957 Canadian consumption of tire fabric. A total of \$1,204,865 worth of narrow woven fabrics was brought into Canada in 1957, which compares with \$1,256,574 worth a year earlier.

Capital investment in this industry, as shown in the preliminary figures in Table 12, declined during 1957. This decline was not only reflected in the drop from \$20,414,000 in 1956 to \$17,465,000 in 1957 for total capital, repair and maintenance expenditures, but also in the changing pattern in that capital expenditures decreased from 1956 to 1957, while expenditures on repair and maintenance increased during the same period.

TABLE 1. Principal Statistics, Representative Years, 1932 to 1957

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at factory of fuel and electricity	Cost at factory of materials used	Value added by manufacture	Gross value of production ¹
	number			dollars			
1932	24	7,036	5,756,865	649,568	7,858,104	11,357,171	19,864,843
1935	33	10,088	8,371,037	931,738	10,946,739	16,166,863	28,045,340
1937	29	10,246	9,099,437	1,010,714	10,453,196	16,407,382	27,871,292
1938	28	8,922	8,147,841	967,471	8,882,157	14,022,364	23,871,992
1939	26	8,221	7,972,404	1,018,749	9,872,472	14,549,306	25,440,527
1940	27	8,512	8,757,474	1,253,444	11,662,908	18,291,457	31,207,809
1941	30	10,140	11,005,770	1,483,599	15,855,842	24,210,404	41,549,845
1942	33	11,088	13,039,579	1,601,270	18,339,710	28,114,577	48,055,557
1943	33	10,920	13,714,158	1,709,918	19,454,469	29,275,701	50,440,088
1944	32	11,315	14,963,589	1,879,722	19,824,898	30,662,737	52,367,357
1945	33	11,950	16,187,441	1,826,504	20,198,948	33,093,161	55,118,613
1946	36	13,100	18,890,121	1,870,932	24,099,473	39,550,662	65,521,067
1947	40	14,728	24,284,463	2,400,525	32,659,919	49,809,478	84,869,922
1948	45	16,097	30,738,856	3,012,713	41,178,371	62,950,746	107,141,830
1949	48	16,828	36,121,584	3,329,258	45,217,912	75,578,244	124,125,414
1950	47	17,955	40,111,600	3,766,267	55,518,508	87,763,220	147,047,995
1951	46	17,997	44,693,738	4,031,711	66,040,725	96,477,461	166,549,897
1952	48	15,723	42,708,505	3,844,252	63,780,047	90,004,216	157,628,515
1953	47	15,723	43,939,105	3,894,586	63,938,444	78,585,277 ²	146,418,307
1954	46	13,662	40,628,143	3,538,057	57,081,320	69,984,772	132,403,283
1955	48	15,408	46,927,250	4,428,219	69,895,625	86,031,246	159,233,708
1956							
Canada	47	15,694	49,115,583	4,874,589	76,492,980	79,629,177	161,161,495
Quebec	32	10,178	29,729,378	2,170,766	40,963,469	38,708,115	83,436,694
Ontario, New Brunswick and Alberta	15	5,516	19,386,205	2,703,823	35,529,511	40,921,062	77,724,801
1957							
Canada	44	15,251	51,033,746	5,080,804	79,135,506	85,273,644	163,809,960
Quebec	29	10,057	30,759,846	2,363,586	41,953,745	41,448,873	82,785,378
Ontario and Alberta	15	5,194	20,273,900	2,717,218	37,181,761	43,824,771	81,024,582

¹ Beginning with 1953 the value of factory shipments has been collected instead of the gross value of production.

² Because of insufficient inventory data in 1953, this figure has been calculated from value of factory shipments and is therefore, only approximate to true "Value added by manufacture".

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.

TABLE 2. Comparison of Principal Statistics, 1956 and 1957

Items	1956	1957	+ Increase - Decrease
Establishments reporting..... No.	47	44	- 3
Supervisory and office employees:			
Total..... "	3,976	4,026	+ 50
Male..... "	2,775	2,845	+ 70
Female..... "	1,201	1,181	- 20
Total salaries..... \$	17,110,768	17,741,858	+ 631,090
Production workers:			
Monthly average..... No.	11,718	11,225	- 493
Male..... "	8,976	8,726	- 250
Female..... "	2,742	2,499	- 243
Total wages..... \$	32,004,815	33,291,888	+1,287,073
Cost of fuel and electricity..... "	4,874,589	5,080,804	+ 206,215
Cost of materials used..... "	76,492,980	79,135,506	+2,642,526
Value of factory shipments..... "	161,161,495	163,809,960	+2,648,465

TABLE 3. Inventories,¹ 1957

	Raw materials and supplies	Goods in process	Finished goods of own Manufacture	Total
	dollars			
Opening: ²				
Quebec	6,907,938	10,015,446	9,022,661	25,946,045
Ontario and Alberta	5,174,574	1,976,478	6,176,281	13,327,333
Canada	12,082,512	11,991,924	15,198,942	39,273,378
Closing:				
Quebec	5,921,529	11,374,000	10,644,933	27,940,462
Ontario and Alberta	5,240,915	2,415,230	8,436,697	16,092,842
Canada	11,162,444	13,789,230	19,081,630	44,033,304

¹ Book value of all manufacturing inventories held at plant and plant warehouses.

² The opening inventory for 1957 differs from the closing inventory published for 1956 because of the inclusion of new firms and the removal of figures for firms which did not operate during 1957.

TABLE 4. Factory Shipments, 1956 and 1957

Principal products	1956		1957	
	Quantity	Selling value at factory	Quantity	Selling value at factory
		\$		\$
Woven fabrics ¹ :				
All silk and mixtures containing silk	1,055,458 yd.	1,101,989	210,024	204,503
All continuous filament synthetic yarn:				
Rayon	42,881,241 "	22,595,177	40,310,368	22,400,669
Nylon	5,998,568 "	3,782,412	5,409,089	3,745,623
Other	3,609,350 "	2,733,629	4,977,964	3,884,413
All spun rayon	19,631,686 "	13,042,437	14,429,833	10,377,530
All cotton	577,215 "	444,292	1,440,314	1,234,188
Mixtures of continuous filament rayon and spun rayon	6,934,627 "	5,870,282	5,951,371	5,810,913
Mixtures of continuous filament rayon and cotton	5,999,635 "	4,435,311	7,521,723	5,918,070
Mixtures of spun rayon and cotton	1,305,516 "	1,070,194	1,414,897	1,321,085
Mixtures of rayon and wool	213,658 "	294,425	82,867	92,773
All other woven fabrics	8,488,622 "	9,141,423	5,224,084	6,052,934
Knitted fabrics	3,681,035 lb.	4,408,364	3,634,032	4,910,727
Yarn and thread:				
Synthetic singles	42,647,384 "	46,497,693	45,872,252	49,365,363
Rayon, thrown	2,290,942 "	1,960,463	1,964,023	1,573,314
Nylon, thrown	743,156 "	2,088,228	1,825,572	5,363,626
Other, thrown	3,532 "	81,592		
Spun rayon, including mixtures	6,109,880 "	4,425,445	5,984,114	4,223,283
All other yarns	6,171,022 "	7,455,757	5,652,856	8,081,835
All other threads	—	1,696,270	—	1,085,816
Waste	2,050,493 lb.	605,490	1,953,156	697,960
All other products	—	23,953,128	—	24,531,653
Custom and commission work	—	3,477,494	—	2,933,682
Total factory shipments	—	161,161,495	—	163,809,960

¹ For breakdown of woven fabrics by construction see Table 4(a).

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 of broad woven synthetic fabrics see Table 6.

TABLE 4 (a). Woven Fabrics by Type and Construction, 1957

	Rayon-filament and spun including mixtures	Nylon-filament and spun including mixtures	All other	Total
	yards			
Dress fabrics	17,220,742	2,727,005	3,956,298	23,904,045
Lingerie fabrics	6,209,595	1,404,427	479,475	8,093,497
Lining fabrics	19,250,738	32,330	—	19,283,068
Neckwear fabrics	4,489,761	505,561	139,800	5,135,122
Other apparel fabrics	11,768,148	849,572	2,033,000	14,650,720
Upholstery fabrics, flat	2,064,445	2,363	229,120	2,295,928
Upholstery fabrics, pile	—	—	12,000	12,000
Other furnishing fabrics	1,770,372	43,621	554,945	2,368,938
Other fabrics	7,583,688	746,687	2,898,841	11,229,216
Total	70,357,489	6,311,566	10,303,479	86,972,534

TABLE 5. Materials Used, 1956 and 1957

Principal materials	1956		1957	
	Quantity	Cost value at factory	Quantity	Cost value at factory
	lbs.	\$	lbs.	\$
Silk, raw	23,145	61,544	¹	¹
Rayon staple fibre	20,370,992	6,920,355	17,139,213	6,442,638
Raw cotton and linters	10,486,647	1,175,373	14,563,638	1,843,914
Wool tops	336,140	492,131	212,684	308,853
Nylon staple fibre	¹	¹	265,190	346,319
Other raw stock	—	6,962,023	—	8,333,500
Yarns:				
Silk, real	25,477	148,848	43,139	153,710
Synthetic (continuous filament):				
Acetate rayon	5,230,182	4,368,295	6,062,354	4,994,695
Bemberg	120,545	196,009	60,430	83,601
Viscose rayon	4,546,822	3,879,677	3,240,724	2,767,087
Nylon	2,033,809	4,623,662	2,858,330	5,494,093
Spun silk	—	—	²	²
Spun rayon (including spun rayon mixtures)	4,655,685	3,193,893	4,666,408	2,642,196
Cotton	2,295,257	2,305,314	2,644,141	2,558,882
Worsted	²	²	²	²
All other	3,259,922	5,569,526	2,442,369	3,722,099
Chemicals and dyestuffs	—	22,448,962 ³	—	22,927,393
All other materials and supplies	—	8,428,819 ⁴	—	11,436,985 ⁴
Custom processing charges	—	4,401,019	—	3,243,385
Packing and shipping materials	—	1,317,530	—	1,831,156
Total cost of materials used	—	76,492,980	—	79,135,506

¹ Included in "Other raw stock".² Included in "All other yarns".³ Revised for 1956 to include certain chemicals inadvertently shown under "All other materials and supplies".⁴ Includes operating, maintenance and repair supplies: revised for 1956 as outlined in Note 3.

TABLE 6. Broad Woven Synthetic Fabrics in all Industries. Production, 1951 and 1952 Shipments, 1953-1957

Year	Fabrics of continuous filament synthetic yarn		All spun rayon		Mixtures of continuous filament rayon and spun rayon	
	yds.	\$	yds.	\$	yds.	\$
1951	81,459,286	56,759,108	19,543,992	16,382,296	6,177,393	6,766,437
1952	70,646,867	50,488,653	20,762,493	17,637,138	4,427,276	3,879,629
1953	66,250,003	44,452,528	20,029,155	15,083,860	4,443,023	4,002,444
1954	46,759,691	30,446,770	19,142,700	13,946,523	4,317,172	3,444,425
1955	51,585,886	30,675,439	23,975,721	15,706,076	6,130,297	4,726,043
1956	52,699,580	29,322,048	19,631,686	13,042,437	6,934,627	5,870,282
1957	50,783,298	30,177,532	14,495,475	10,449,562	5,951,371	5,810,913
	Mixtures of continuous filament rayon and cotton		Mixtures of spun rayon and cotton		Other synthetic textile fabrics	
	yds.	\$	yds.	\$	yds.	\$
1951	3,240,940	3,179,082	1,817,387	1,742,195	2,890,415	3,342,907
1952	1,746,293	1,656,126	2,121,758	2,311,248	1,393,789	1,416,468
1953	2,742,237	2,140,151	1,559,688	1,585,330	4,672,976	4,841,245
1954	6,603,321	4,087,610	982,114	1,054,031	4,637,784	4,182,093
1955	7,777,262	5,111,586	1,037,554	1,073,847	6,398,283	6,486,554
1956	6,789,513	5,627,716	1,309,833	1,072,768	8,690,759	9,457,714
1957	8,638,081	7,734,433	1,414,807	1,221,028	5,217,019	5,945,274

TABLE 7. Imports of Silk and Synthetic Fibres, Yarns and Piece Goods

	1956		1957		
	Quantity	Value	Quantity	Value	
		\$		\$	
Silk:					
Raw silk and cocoons, not degummed	lb.	30,060	135,215	35,244	153,188
Garnetted silk wastes, waste fabric and silk wastes, n.o.p. not including remnants nor mill ends	"	17,254	28,983	28,220	53,369
Yarn, thread, cord and twist	-	-	16,953	-	23,119
Bolting cloth, not made up	-	-	142,574	-	118,078
Knitted fabrics, silk	lb.	46	242	44	252
Woven fabrics, silk, in the gum, not less than 20 inches in width, to be dyed and finished in Canada	yd.	40,005	9,405	35,964	10,267
Woven fabrics, silk, not to contain wool, not including fabrics in chief part by weight of synthetic yarn n.o.p.	"	2,094,107	2,690,407	2,786,764	3,101,598
Woven fabrics, silk, 26 inches in width or less, n.o.p.	"	4,424	12,467	3,627	9,699
Woven fabrics with cut pile, whether or not coated or impregnated, wholly or in part of silk or synthetic yarn, but not containing wool, n.o.p.	"	336,926	932,296	478,372	1,135,291
Woven fabrics, not exceeding 12 inches in width, ribbons, silk	-	-	44,479	-	50,057
Woven fabrics, not made in Canada, silk or synthetic yarn in the web, in lengths of not less than 5 yards for neckties, scarves and mufflers	-	-	2,143,092	-	2,057,447
Umbrella covering fabrics, not made in Canada, with hemmed selvages, when imported in lengths of not less than ten yards each for umbrellas	-	-	253,292	-	201,347

TABLE 7. Imports of Silk and Synthetic Fibres, Yarns and Piece Goods - Concluded

	1956		1957	
	Quantity	Value	Quantity	Value
		\$		\$
Synthetic textiles:				
Loose fibres in staple lengths, wholly of synthetic fibre, not more advanced than in the form of silver, for the manufacture of spun yarns	lb. 8,298,642	5,778,760	11,464,397	8,042,524
Synthetic fibre tops	" 799,083	673,264	992,128	744,894
Garnetted material and waste portions of unused fabrics, filaments and loose fibres, n.o.p., not to include remnants nor mill ends	" 1,450,542	805,189	1,340,472	776,462
Yarns, synthetic, acetate, singles, not coloured, not more than seven turns to the inch	" 83,647	61,738	84,386	81,380
Yarns, synthetic, singles, n.o.p., not coloured, not more than seven turns to the inch	" 327,926	249,749	248,475	187,877
Yarns, threads, cords, or twist, synthetic, and yarns synthetic covered with metallic strip, produced from cellulose acetate	" 472,685	590,056	286,016	318,898
Yarns, threads, cords or twist, synthetic, and yarns synthetic, covered with metallic strip, n.o.p.	" 1,762,842	2,479,238	2,437,005	2,985,622
Yarns, synthetic, not coloured, for cut pile fabrics	881	1,669	4,019	2,258
Yarns, of synthetic fibres, produced from polyamides (nylon)	" 262,317	765,636	355,293	1,020,161
Yarns, synthetic, for tire fabric	" 6,022,308	3,499,316	2,369,496	1,239,222
Knitted fabrics of synthetic yarn	" 532,469	1,459,674	616,497	1,624,578
Woven fabric of synthetic yarn, not to contain wool, not including fabrics in chief part by weight of silk, n.o.p.	" 8,963,388	20,853,472	10,346,822	22,506,830
Woven fabrics, of synthetic yarn, not exceeding twelve inches in width, generally known as ribbons	-	1,256,574	-	1,204,865
Total	-	44,883,740	-	47,649,283

TABLE 8. Exports of Synthetic Yarn and Fabrics

	1956		1957	
	Quantity	Value	Quantity	Value
	yds.	\$	yds.	\$
Synthetic thread and yarn	-	1,874,664	-	5,777,830
Fabrics of synthetic yarn	1,433,599	1,104,216	1,025,289	741,622

TABLE 9. Employees and their Earnings, by Provinces, 1956 and 1957

	Average number					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1956								
Quebec	1,795	875	5,669	1,839	10,178	11,586,633	18,142,745	29,729,378
Ontario, New Brunswick and Alberta	980	326	3,307	903	5,516	5,524,135	13,862,070	19,386,205
Canada	2,775	1,201	8,976	2,742	15,694	17,110,768	32,004,815	49,115,583
1957								
Quebec	1,857	890	5,537	1,773	10,057	12,300,019	18,459,827	30,759,846
Ontario and Alberta	988	291	3,189	726	5,194	5,441,839	14,832,061	20,273,900
Canada	2,845	1,181	8,726	2,499	15,251	17,741,858	33,291,888	51,033,746

TABLE 10. Monthly Employment of Production Workers, 1956 and 1957

	1956			1957		
	Male	Female	Total	Male	Female	Total
	number					
January	9,395	2,925	12,320	8,706	2,583	11,289
February	9,451	2,928	12,379	8,726	2,584	11,310
March	9,390	2,891	12,281	8,687	2,560	11,247
April	9,252	2,811	12,063	8,756	2,513	11,269
May	9,128	2,740	11,868	8,732	2,447	11,179
June	9,000	2,721	11,721	8,723	2,441	11,164
July	8,948	2,685	11,633	8,688	2,434	11,122
August	8,634	2,550	11,184	8,744	2,549	11,293
September	8,494	2,597	11,091	8,625	2,523	11,148
October	8,488	2,591	11,079	8,660	2,534	11,194
November	8,740	2,723	11,463	8,665	2,457	11,122
December	8,781	2,693	11,474	8,622	2,387	11,009
Monthly average	8,976	2,742	11,718	8,726	2,499	11,225

TABLE 11. Size of Establishments, 1956 and 1957

Establishments with factory shipments of	Estab-	Em-	Salaries	Cost of	Value of
	lish-	ploy-	and	materials	factory
	ments	ees	wages	used	shipments
	number		dollars		
1956					
Under \$25,000	—	—	—	—	—
\$25,000 to under \$100,000	9	299	707,040	1,305,624	2,475,980
\$100,000 " " \$500,000					
\$500,000 " " \$1,000,000					
\$1,000,000 " " \$5,000,000					
\$5,000,000 and over	6	9,197	29,060,024	45,260,436	107,268,152
Head offices	—	1,105	5,461,791	—	—
Total	47	15,694	49,115,583	76,492,980	161,161,495
1957					
Under \$25,000	10	425	928,415	1,161,104	2,195,786
\$25,000 to under \$100,000					
\$100,000 " " \$500,000					
\$500,000 " " \$1,000,000					
\$1,000,000 " " \$5,000,000	16	3,656	10,033,664	21,187,778	35,663,769
\$5,000,000 and over	7	9,300	32,129,716	51,480,553	117,507,673
Head offices	—	1,179	5,956,198	—	—
Total	44	15,231	51,033,746	79,135,506	163,809,960

TABLE 12. Estimated Capital, Repair and Maintenance Expenditures, 1946 - 1957

Year	Capital expenditures			Repair and maintenance expenditures			Capital, repair and maintenance expenditures		
	Con- struction	Machinery and equipment	Sub- total	Con- struction	Machinery and equipment	Sub- total	Con- struction	Machinery and equipment	Total
thousands of dollars									
1946	4,237	7,720	11,957	3,805	—	3,805	8,042	7,720	15,762
1947	5,644	12,090	17,734	494	3,424	3,918	6,138	15,514	21,652
1948	2,089	11,286	13,375	704	4,080	4,784	2,793	15,366	18,159
1949	1,676	10,026	11,702	512	4,848	5,360	2,188	14,874	17,062
1950	1,921	7,209	9,130	729	5,382	6,111	2,650	12,591	15,241
1951	4,158	13,350	17,508	808	5,686	6,494	4,966	19,036	24,002
1952	2,738	11,529	14,267	590	4,657	5,247	3,328	16,186	19,514
1953	4,556	9,005	13,561	622	5,263	5,885	5,178	14,268	19,446
1954	5,171	14,795	19,966	534	4,628	5,162	5,705	19,423	25,128
1955	2,705	9,154	11,859	779	5,856	6,635	3,484	15,010	18,494
1956	2,758	10,833	13,591	437	6,386	6,823	3,195	17,219	20,414
1957 ¹	1,540	8,550	10,090	607	6,768	7,375	2,147	15,318	17,465

¹ Figures for 1957 are preliminary

TABLE 13. Mechanical Equipment, 1956 and 1957

	1956	1957
	number	
Spindles:		
Throwing	96,882	101,614
Winding	15,772	18,736
Doubling and twisting	103,866	76,782
Spinning	183,469	132,542
Re-drawing	8,122	4,079
Reeling	1,962	1,062
Cone winding	17,071	14,818
Quill winding	7,507	6,596
All other	21,239	15,968
Warpers	1,915	1,925
Slashers	65	67
Cards	540	438
Looms:		
40 inches and under	3	5
41-48 inches	692	426
49-56 inches	2,249	1,756
57 inches and over	2,760	2,629
Velvet	76	74
Ribbon	—	38
Jacquard machines in place on the above looms	215	108
Dobbles in place on the above looms	3,390	4,220
Knitting machines	17	26
Braiding machines	6	8
Stretchers	22	19

TABLE 14. Consumption of Fuel and Electricity, 1956 and 1957

Kinds of fuel	1956		1957		
	Quantity	Cost value at factory	Quantity	Cost value at factory	
		\$		\$	
Bituminous coal	ton	187,854	2,105,050	144,525	1,728,328
Anthracite coal	"	914	13,201	1,692	29,451
Gasoline (including gasoline used in cars and trucks) ..	Imp. gal.	59,297	23,487	52,656	26,746
Kerosene or coal oil	"	1,130	260	34,449	8,442
Fuel Oil	"	8,364,675	1,042,306	13,291,710	1,454,502
Other fuel	-	-	115,628	-	127,359
Total cost of fuel	-	-	3,299,932	-	3,374,828
Electricity purchased (including service charges)	kwh.	235,793,882	1,574,657	248,451,052	1,705,976
Total cost of fuel and electricity	-	-	4,874,589	-	5,080,804

List of Establishments in the Synthetic Textiles and Silk Industry, 1957

Name	Address
Quebec:	
Associated Textiles of Canada, Limited	Louiseville
"Aux Tissages Francais" Inc.	7260 St. Urbain St., Montreal
Belding-Corticelli Limited	Richelieu St., St. Johns
Brassard, Maurice	1695 St. Charles St., Plessisville
Bruck Mills Limited	Cowansville
Bruck Mills Limited	100 Woodward Ave., Sherbrooke
Bruck Throwing Co. Ltd.	130 Gregoire St., St. Johns
Canadian Celanese Limited	Drummondville
Canadian Celanese Limited	Sorel
Canadian Chemical Co. Ltd. (yarn processing)	St-Jean
Consolidated Textiles Limited	Joliette
Consolidated Textiles Limited	St. Hyacinthe
Dionne Spinning Mills Company	St. George, West
Domil Ltd.	Sherbrooke
Dominion Thread Mills	134 McGill St., Montreal
Doric Textiles Mills Ltd.	St. Johns
Duplan of Canada Ltd.	Montmagny
Forestier Ltée, Lucien	2162 rue St. Laurent, Plessisville
Hafner Fabrics of Canada (1954) Ltd.	St. Charles & Racine Sts., Granby
Iberville Drapery Mills Limited	64th Avenue, Iberville
Malibu Fabrics of Canada Ltd.	1555 MacKay St., Montreal
Martin Company Limited, J.B.	445 St. James St., St. Johns
Rayonese Textile Co. Ltd.	Ste-Rose
Richmond Plastics Ltd.	P.O. Box 920, Richmond
Rose-Tex Fabrics	1449 St. Alexander St., Montreal
Sauquoit Ltd.	Granby
Thor Mills Limited	Granby
Yarntex Corporation Ltd.	6355 Park Ave., Montreal
Zephyr Textiles Limited	Ormstown



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List of Establishments in the Synthetic Textiles and Silk Industry, 1957 - Concluded

Name	Address
Ontario:	
Bay Mills, Ltd.	Fourth & Victoria Sts., Midland
Canadian Industries Limited	Millhaven
Canadian Synthetic Fibres Ltd.	35 Water St., Galt
Courtaulds (Canada) Limited	Cornwall
Dominion Silk Mills Limited	2 Mark St., Toronto 2
Du Pont Co. of Canada Ltd.	Kingston
Du Pont Co. of Canada (1956) Ltd.	Maitland
Fiberglass Canada Limited	Guelph
Galtex Limited	St. Andrews St., Galt
Lincoln Fabrics Ltd.	Port Dalhousie
National Weaving Ltd.	Dunnville
Riverside Silk Mills Limited	Melville St., Galt
Slingsby Manufacturing Company, Limited	Grand River Ave., Brantford
Alberta:	
Canadian Chemical Co. Ltd.	Edmonton
Peace River Glass Co. Ltd.	Fort Saskatchewan