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# SYNTHETIC TEXTILES AND SILK INDUSTRY

## 1952

*Published by Authority of*  
The Right Honourable C. D. Howe, Minister of Trade and Commerce

**DOMINION BUREAU OF STATISTICS**  
Industry and Merchandising Division  
General Manufactures Section

6503-572  
12-4-54

Price 25 cents

Vol. 2—Part VII—E-1

805-4

## 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 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, \$1.50
- II—The Manufacturing Industries, by Provinces
  - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢
  - Section 2. Principal Statistics of Individual Industries, 75¢
  - Section 3. Principal Statistics by Regional Distribution, 75¢
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textiles
- VIII—Wood and Paper Products
- IX—Printing Trades
  - X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- XVI—Chemicals and Allied Products
- XVII—Miscellaneous Manufactures

The present report belongs in Part VII, Textiles. 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 of All Textiles, 25¢

### Textile Mills

- B—General Review, 25¢
- C—The Cotton Textile Industries, 25¢
- D—The Wool Textile Industries, 25¢
- E—The Synthetic Textiles and Silk Industry, 25¢
- F—The Narrow Fabrics Industry, 25¢
- G—The Dyeing and Finishing of Textile Goods Industry, 25¢
- H—The Awning, Tent and Sail Industry, 25¢
- I—The Cordage, Rope and Twine Industry, 25¢
- J—The Cotton and Jute Bag Industry, 25¢
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- R—The Hat and Cap Industry, 25¢
- S—The Miscellaneous Clothing Industries, 25¢

# SYNTHETIC TEXTILES AND SILK INDUSTRY

1952

The gross value of production of the synthetic textiles and silk industry fell from \$166,549,897 in 1951 to \$157,628,515 in 1952, a decrease of \$8,921,382 or 5.4 per cent. The industry declined fairly steadily for the first five months of 1952, the employment of wage-earners falling from 12,675 in January to 11,500 in May. In this month the man-hours index was 19 per cent below the three-year average and 24 per cent below the 1951 level for the month. The recovery in June was due to improvement in the clothing industry from February and inventory reduction in both industries. By December the man-hours index was five per cent above that for December 1951 but still some four per cent below the three-year average for the month.

Total employment for the year as a whole at 15,723 was down 2,274 from the 17,997 reported in 1951. Salaries and wages dropped from \$44,693,738 in 1951 to \$42,708,505 in 1952. The industry's cost of materials dropped from \$66,040,725 in 1951 to \$63,780,047 in 1952, a decrease of \$2,260,678 or 3.4 per cent.

A significant feature of 1952 operations involved several price variations of materials and products. Rayon fabric prices fell by 18 per cent from January to May and then remained stable to the end of the year. Viscose filament prices were reduced by 9 to 10 per cent in February, these prices then holding firm to the end of the year. Prices of acetate filament yarns remained stable from January to July, but following the revival in June were raised 7 to 9 per cent in August, these prices remaining stable to the end of the year. In November viscose staple fibre prices were cut by 12 per cent.

While the total value of imports of silk and synthetic fibres, yarns and piece goods fell from \$35,317,062 in 1951 to \$35,044,633 in 1952, there were certain items that showed sizeable increases. For example, imports of "woven fabric of synthetic yarn, not to contain wool, not including fabrics in chief part by weight of silk, n.o.p." advanced from 3,628,748 pounds valued at \$9,290,266 in 1951 to 7,861,395 pounds worth \$16,112,112 in 1952. The bulk of the increased imports came from the United States. In exports there was an increase in synthetic

thread and yarn but a decrease in fabrics. For full details of imports and exports, reference should be made to Tables 6 and 7 of this Report.

In 1952 synthetic fibre producers highlighted textile capital investment and all the existing producers expanded or improved production facilities. Total capital investment for the industry was up from \$16,527,000 in 1951 to \$28,540,000 in 1952 of which \$18,294,000 included machinery and equipment while \$10,246,000 comprised new construction. High investment over the past five years has made the Canadian industry more efficient and economical in all its operations. This is being followed up by special attention being devoted to styling, merchandising, economising and pricing.

In 1952 the industry produced 103,941,827 yards of woven fabrics worth \$83,908,135 compared with 116,152,199 yards valued at \$94,355,123 in 1951, a drop of 11 per cent. Woven fabrics constituted 53 per cent of the industry's gross value of production in 1952. Continuous filament rayon fabrics showed a decline from 71,490,941 yards in 1951 to 58,942,408 yards in 1952. However, fabrics of spun rayon increased from 19,543,992 yards in 1951 to 20,670,802 yards in 1952. Production of fabrics of continuous filament nylon yarns grew from 6,964,405 yards valued at \$6,865,143 in 1951 to 9,132,076 yards worth \$8,702,996 in 1952. Production of continuous filament synthetic yarn mixtures decreased from 8,266,441 yards in 1951 to 5,506,534 yards in 1952 and spun rayon mixtures decreased from 8,040,583 yards to 4,010,628 yards over the same period.

Purchased yarn was consumed by the industry in 1952 in the following quantities: continuous filament viscose, acetate and bemberg, 11,579,324 pounds worth \$11,187,671; spun rayon (including spun rayon mixtures), 4,811,794 pounds worth \$4,156,266; nylon, 1,850,954 pounds worth \$5,420,596 and cotton 2,177,104 pounds worth \$2,426,589. Purchases of rayon staple fibre were reported to the extent of 14,240,551 pounds having a value of \$6,253,854 in 1952 compared with 14,423,568 pounds at \$6,165,194 the previous year. The value of chemicals and dyestuffs used by the industry in 1952 was \$8,782,812 compared with \$8,875,267 in 1951.



TABLE 1. Principal Statistics, Representative Years, 1923 to 1952

Year	Establishments	Employees	Salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
1923 .....	7	1,457	1,224,036	2,677,229	5,044,968
1929 .....	23	4,372	3,825,796	6,091,124	14,476,080
1932 .....	24	7,036	5,756,865	7,858,104	19,864,843
1935 .....	33	10,088	8,371,037	10,946,739	28,045,340
1937 .....	29	10,246	9,099,437	10,453,196	27,871,292
1938 .....	28	8,922	8,147,841	8,882,157	23,871,992
1939 .....	26	8,221	7,972,404	9,872,472	25,440,527
1940 .....	27	8,512	8,757,474	11,662,908	31,207,809
1941 .....	30	10,140	11,005,770	15,855,842	41,549,845
1942 .....	33	11,088	13,039,579	18,339,710	48,055,557
1943 .....	33	10,920	13,714,158	19,454,469	50,440,088
1944 .....	32	11,315	14,963,589	19,824,898	52,367,357
1945 .....	33	11,950	16,187,441	20,198,948	55,118,613
1946 .....	36	13,100	18,890,121	24,099,473	65,521,067
1947 .....	40	14,728	24,284,463	32,659,919	84,869,922
1948 .....	45	16,097	30,738,856	41,178,371	107,141,830
1949 .....	48	16,828	36,121,584	45,217,912	124,125,414
1950 .....	47	17,955	40,111,600	55,518,508	147,047,995
1951					
Canada .....	46	17,997	44,693,738	66,040,725	166,549,897
Quebec .....	33	13,016	31,586,865	44,298,993	105,863,786
Ontario and New Brunswick .....	13	4,981	13,106,873	21,741,732	60,686,111
1952					
Canada .....	48	15,723	42,708,505	63,780,047	157,628,515
Quebec .....	35	11,502	30,523,948	41,023,776	99,118,924
Ontario and New Brunswick .....	13	4,221	12,184,557	22,756,271	58,509,591

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, 1951 and 1952

Items	1951	1952	+ Increase - Decrease
Establishments reporting..... No.	46	48	+ 2
Employees on salaries:			
Total..... No.	3,278	3,388	+ 110
Male..... No.	2,300	2,373	+ 73
Female..... No.	978	1,015	+ 37
<b>Total salaries..... \$</b>	<b>11,692,668</b>	<b>12,899,801</b>	<b>+1,207,133</b>
Employees on wages:			
Monthly average..... No.	14,719	12,335	- 2,384
Male..... No.	10,651	9,213	- 1,438
Female..... No.	4,068	3,122	- 946
<b>Total wages..... \$</b>	<b>33,001,070</b>	<b>29,808,704</b>	<b>- 3,192,366</b>
Cost of fuel and electricity..... \$	4,031,711	3,844,252	- 187,459
Cost of materials used..... \$	66,040,725	63,780,047	- 2,260,678
Gross value of production..... \$	166,549,897	157,628,515	- 8,921,382

TABLE 3. Production, 1931 and 1932

Principal products	Unit of measure	1931		1932	
		Quantity	Selling value at factory	Quantity	Selling value at factory
			\$		\$
<b>Woven fabrics<sup>1</sup>:</b>					
All silk and mixtures containing silk .....	Yd.	283,468	452,772	221,155	253,539
All continuous filament synthetic yarn:					
Rayon .....	"	71,490,941	47,832,159	58,942,408	39,329,269
Nylon .....	"	6,964,405	6,865,143	9,132,076	8,702,996
All spun rayon .....	"	19,543,992	16,382,296	20,670,802	17,582,123
All cotton .....	"	1,388,855	2,444,319	1,930,652	3,351,439
Mixtures of continuous filament rayon and spun rayon .....	"	6,177,393	6,766,437	4,427,276	3,879,529
Mixtures of continuous filament rayon and cotton .....	"	2,089,048	2,254,282	1,079,258	1,245,448
Mixtures of spun rayon and cotton .....	"	5,156,663	1,514,335	1,817,726	2,201,771
Mixtures of rayon and wool .....	"	2,883,920	5,270,667	2,192,902	3,597,059
All other woven fabrics .....	"	4,173,514	4,572,713	3,527,572	3,464,862
<b>Knitted Fabrics .....</b>	<b>Lb.</b>	<b>Not available</b>	<b>4,187,361</b>	<b>3,821,823</b>	<b>4,852,090</b>
<b>Yarn and thread:</b>					
Synthetic singles .....	Lb.	26,783,746	33,805,747	26,421,381	32,730,824
Rayon, thrown .....	"	6,415,113	5,812,853	5,217,659	4,756,325
Nylon, thrown .....	"	1,201,240	5,090,925	1,326,882	4,939,410
Other, thrown .....	"	—	—	2	2
Spun rayon, including mixtures .....	"	3,789,006	3,677,496	3,973,324	3,645,284
All other yarns .....	"	1,941,891	3,545,845	2,040,099	3,215,951
All other threads .....	"	—	824,938	—	790,090
Waste .....	"	1,372,942	236,222	974,292	169,244
All other products .....	—	—	10,963,897	—	14,796,986
Custom and commission work .....	—	—	4,049,490	—	3,824,176
<b>Total value of products .....</b>	<b>—</b>	<b>—</b>	<b>166,549,897</b>	<b>—</b>	<b>157,628,515</b>

1. For breakdown of woven fabrics by construction see Table 3A.

2. Included in "All other yarns".

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 5.

TABLE 3 (a). Woven Fabrics by Type and Construction, 1932

	Rayon — filament and spun, including mixtures	Nylon — filament and spun, including mixtures	All other	Total
	yd.	yd.	yd.	yd.
Dress fabrics .....	31,975,871	4,724,499	1,797,687	38,498,057
Lingerie fabrics .....	18,719,002	2,886,433	1	21,605,944
Lining fabrics .....	17,223,927	1	1	17,289,449
Neckwear fabrics .....	1,476,793	1	—	1,534,057
Draperies, damask, tapestries and other upholstering fabrics .....	1,949,362	1	243,253	2,195,408
Other furnishing fabrics .....	1	—	1	1,163,327
Other fabrics .....	16,476,352	1,467,634	3,711,599	21,655,585
<b>Total .....</b>	<b>87,821,307</b>	<b>9,078,566</b>	<b>5,752,539</b>	<b>103,941,827</b>

1. Included in total.

TABLE 4. Materials Used, 1951 and 1952

Principal materials	1951		1952	
	Quantity	Cost value at factory	Quantity	Cost value at factory
	pound	\$	pound	\$
Silk, raw .....	22,924	100,316	40,379	189,013
Rayon staple fibre .....	14,423,568	6,165,194	14,240,551	6,253,854
Wool tops .....	1,658,380	4,587,699	655,240	1,037,272
Nylon staple fibre .....	1	1	962,814	1,875,232
Other raw stock .....	—	7,409,512	—	5,855,639
Yarns:				
Silk, real .....	50,788	194,140	2	2
Synthetic (continuous filament):				
Acetate rayon .....	5,883,969	5,898,141	5,678,493	5,475,791
Bemberg .....	1,467,483	1,261,402	37,972	63,530
Viscose rayon .....	6,499,452	5,794,284	5,862,859	5,648,350
Spun silk .....	—	2	—	2
Spun rayon (including spun rayon mixtures) .....	3,228,594	3,180,798	4,811,794	4,156,266
Nylon .....	1,426,363	4,312,255	1,850,954	5,420,596
Cotton .....	2,390,196	2,664,699	2,177,104	2,426,589
Worsted .....	48,787	152,750	8,926	15,256
All other .....	442,718	722,508	580,264	933,391
Chemicals and dyestuffs .....	—	8,875,267	—	8,782,812
All other materials and supplies .....	—	8,800,174	—	11,000,913
Custom weaving, throwing, etc. ....	—	2,714,501	—	2,243,079
Dyeing and printing, charges .....	—	1,977,270	—	1,114,382
Packing and shipping materials .....	—	1,229,814	—	1,288,082
<b>Total Cost of Materials Used .....</b>	<b>—</b>	<b>66,040,725</b>	<b>—</b>	<b>63,780,047</b>

1. Included in "Other raw stock."

2. Included in "All other yarns".

TABLE 5. Total Production of Broad Woven Synthetic Fabrics in All Industries

Year	Fabrics of continuous filament synthetic yarn <sup>1</sup>		Fabrics of spun rayon and mixtures		Fabrics of continuous filament synthetic yarn mixtures		Total synthetic fabrics	
	yards	\$	yards	\$	yards	\$	yards	\$
1938 .....	36,952,422	14,390,852	3,867,354	1,016,798	778,238	634,936	41,598,014	16,042,586
1939 .....	44,065,404	15,911,847	5,947,679	1,655,262	1,274,071	1,025,840	51,287,154	18,592,949
1940 .....	50,491,606	18,791,155	11,044,748	3,748,667	1,962,955	1,681,611	63,499,309	24,221,433
1941 .....	72,509,371	28,398,442	15,167,505	4,997,557	3,323,761	2,532,912	91,000,637	35,928,911
1942 .....	63,772,372	27,232,744	21,907,594	7,435,434	4,716,182	2,872,566	90,396,148	37,540,744
1943 .....	54,698,933	24,230,514	22,030,660	8,174,346	6,082,600	4,229,464	82,812,193	36,634,324
1944 .....	53,258,553	23,972,156	21,664,470	8,493,951	5,177,630	3,974,057	80,100,653	36,440,164
1945 .....	52,044,857	24,473,388	24,836,720	10,503,365	5,010,944	3,473,824	81,892,521	38,450,577
1946 .....	53,662,925	29,144,408	18,442,510	8,614,666	6,056,241	4,720,036	78,161,676	42,479,110
1947 .....	60,284,389	37,872,499	15,762,148	8,931,654	6,802,827	5,566,464	82,849,364	52,370,617
1948 .....	65,824,529	46,343,688	27,938,573	17,611,922	5,395,429	5,249,973	99,158,531	69,205,583
1949 .....	77,505,796	53,475,703	28,473,682	21,314,131	7,438,339	6,916,388	113,417,817	81,706,222
1950 .....	82,081,710	56,176,824	31,443,132	26,692,725	5,743,206	4,606,742	119,268,048	87,476,291
1951 .....	81,459,286	56,759,198	24,254,299	23,405,158	9,418,333	9,945,519	115,131,918	90,109,875

1. Including nylon.



TABLE 6. Imports of Silk and Synthetic Fibres, Yarns and Piece Goods

	1951		1952	
	Quantity	Value	Quantity	Value
		\$		\$
<b>Silk:</b>				
Raw silk and cocoons, not degummed .....	Lb. 70,187	306,034	40,053	199,508
Garnetted silk wastes, waste fabric and silk wastes, n.o.p. not including remnants nor mill ends .....	" 1,675	2,591	9,283	10,616
Yarn, thread, cord and twist .....	-	20,504	-	15,950
Bolting cloth, not made up .....	-	185,825	-	141,238
Knitted fabrics, silk .....	Lb. 114	374	148	1,069
Woven fabrics, silk, in the gum, not less than 20 inches in width, to be dyed and finished in Canada .....	Yd. 51,033	16,855	11,800	3,972
Woven fabrics, silk, not to contain wool, not including fabrics in chief part by weight of synthetic yarn, n.o.p. ....	" 498,043	823,942	459,575	771,168
Woven fabrics, silk, 26 inches in width or less, n.o.p. ....	" 4,267	14,991	3,117	8,228
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. ....	" 1,094,639	2,026,458	853,518	1,422,637
Woven fabrics, not exceeding 12 inches in width, ribbons, silk .....	-	17,867	-	26,976
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 .....	-	2,728,708	-	2,650,205
Umbrella covering fabrics, not made in Canada, with hemmed selvages, when imported in lengths of not less than ten yards each for umbrellas .....	-	261,370	-	167,063
<b>Synthetic Textiles:</b>				
Loose fibres in staple lengths, wholly of rayon or similar synthetic fibres, not more advanced than in the form of sliver, for the manufacture of spun yarns .....	Lb. 14,319,576	6,801,735	8,787,792	3,585,138
Rayon tops .....	" 2,255,118	2,129,653	298,315	270,446
Garnetted material and waste portions of unused fabrics, filaments and loose fibres, n.o.p., not to include remnants nor mill ends .....	" 2,163,988	1,279,172	737,483	359,068
Yarns, rayon, acetate, singles, not coloured, not more than seven turns to the inch .....	" 1,922,608	1,911,206	814,742	599,934
Yarns, synthetic, singles, n.o.p., not coloured, not more than seven turns to the inch .....	" 719,759	670,051	715,739	563,670
Yarns, threads, cords or twist, rayon, and yarns, rayon, covered with metallic strip, produced from cellulose acetate .....	" 54,113	114,086	104,739	146,356
Yarns, threads, cords or twist, synthetic, and yarns synthetic, covered with metallic strip, n.o.p. ....	" 965,799	1,301,130	1,426,771	1,632,026
Yarns, synthetic, not coloured, for cut pile fabrics .....	" 44,332	64,396	30,973	48,940
Yarns of synthetic fibres, produced from polyamides (nylon) .....	" 123,937	706,743	103,603	388,618
Yarns, synthetic, for tire fabric .....	" 5,250,306	3,381,457	6,657,831	4,153,565
Knitted fabrics of synthetic yarn .....	" 109,976	381,749	260,713	849,672
Woven fabric of synthetic yarn, not to contain wool, not including fabrics in chief part by weight of silk, n.o.p. ....	" 3,628,748	9,290,266	7,861,395	16,112,112
Woven fabrics, of synthetic yarn, not exceeding twelve inches in width, generally known as ribbons .....	" -	879,899	-	916,458
<b>Total .....</b>	<b>-</b>	<b>35,317,062</b>	<b>-</b>	<b>35,044,633</b>

TABLE 7. Exports of Synthetic Yarn and Fabrics

	1951		1952	
	Quantity	Value	Quantity	Value
	yds.	\$	yds.	\$
Synthetic thread and yarn .....	-	1, 178, 692	-	1, 830, 902
Fabrics of synthetic yarn .....	1, 362, 270	1, 232, 512	822, 441	834, 614

TABLE 8. Employees, by sex and remuneration

	Salaried employees			Wage-earners (monthly averages)			Total employees salaries and wages		
	Male	Female	Total salaries	Male	Female	Total wages	Male	Female	Total salaries and wages
	No.	No.	\$	No.	No.	\$	No.	No.	\$
1951									
Canada .....	2, 300	978	11, 692, 668	10, 651	4, 068	33, 001, 070	12, 951	5, 046	44, 693, 738
Quebec .....	1, 657	710	8, 522, 863	7, 865	2, 784	23, 064, 002	9, 522	3, 494	31, 586, 865
Ontario and New Brunswick..	643	268	3, 169, 805	2, 786	1, 284	9, 937, 068	3, 429	1, 552	13, 106, 873
1952									
Canada .....	2, 209	1, 179	12, 899, 801	9, 213	3, 122	29, 808, 704	11, 422	4, 301	42, 708, 505
Quebec .....	1, 741	752	9, 559, 067	6, 796	2, 213	20, 964, 881	8, 537	2, 965	30, 523, 948
Ontario and New Brunswick..	468	427	3, 340, 734	2, 417	909	8, 843, 823	2, 885	1, 336	12, 184, 557

TABLE 9. Monthly Employment of Wage-earners, 1950, 1951 and 1952

	1950			1951			1952		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January.....	10, 229	4, 332	14, 561	10, 875	4, 410	15, 285	9, 459	3, 216	12, 675
February .....	10, 258	4, 294	14, 552	10, 924	4, 395	15, 319	9, 144	3, 040	12, 184
March .....	10, 286	4, 225	14, 511	11, 038	4, 440	15, 478	8, 455	2, 872	11, 327
April .....	10, 112	4, 201	14, 313	11, 069	4, 411	15, 480	8, 532	2, 823	11, 355
May .....	9, 989	4, 070	14, 059	10, 995	4, 390	15, 385	8, 712	2, 788	11, 500
June .....	10, 000	4, 085	14, 085	11, 009	4, 235	15, 244	8, 867	2, 895	11, 762
July .....	10, 130	4, 116	14, 246	10, 655	4, 031	14, 686	8, 921	2, 959	11, 880
August .....	10, 284	4, 200	14, 484	10, 847	4, 076	14, 923	9, 461	3, 207	12, 668
September .....	10, 411	4, 293	14, 704	10, 330	3, 811	14, 141	9, 664	3, 366	13, 030
October .....	10, 685	4, 419	15, 104	10, 285	3, 761	14, 046	9, 822	3, 411	13, 233
November.....	10, 835	4, 465	15, 300	9, 907	3, 492	13, 399	9, 705	3, 436	13, 141
December.....	10, 893	4, 438	15, 331	9, 762	3, 374	13, 136	9, 800	3, 459	13, 259
Monthly average .....	10, 342	4, 280	14, 622	10, 651	4, 068	14, 719	9, 213	3, 122	12, 335



TABLE 10. Size of Establishments, 1951 and 1952

Establishments having a production of	Establish- ments	Employees	Salaries and wages	Cost of materials used	Gross value of production
1951					
Under \$25,000 .....	—	—	—	—	—
\$25,000 to under \$100,000 .....	15	670	1,303,778	1,525,059	3,859,111
\$100,000 to under \$500,000 .....					
\$500,000 to under \$1,000,000 .....					
\$1,000,000 to under \$5,000,000 .....	18	4,001	8,897,796	17,038,277	34,829,918
\$5,000,000 and over .....	8	12,054	29,944,558	45,248,196	124,038,271
Head Offices .....	—	840	3,615,508	—	—
<b>Total .....</b>	<b>46</b>	<b>17,997</b>	<b>44,693,738</b>	<b>66,040,725</b>	<b>166,549,897</b>
1952					
Under \$25,000 .....	4	44	86,957	47,858	167,780
\$25,000 to under \$100,000 .....	11	520	1,042,836	1,199,119	2,836,362
\$100,000 to under \$500,000 .....					
\$500,000 to under \$1,000,000 .....					
\$1,000,000 to under \$5,000,000 .....	18	5,068	11,523,979	23,213,026	44,592,573
\$5,000,000 and over .....	5	8,271	23,817,866	35,890,912	102,816,685
Head Offices .....	—	974	4,189,611	—	—
<b>Total .....</b>	<b>48</b>	<b>15,723</b>	<b>42,708,505</b>	<b>63,780,047</b>	<b>157,628,515</b>

TABLE 11. Estimated Capital, Repair and Maintenance Expenditures, 1946-1952

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 .....	4,115	10,041	14,156	524	3,501	4,025	4,639	13,542	18,181
1948 .....	2,201	12,339	14,540	610	4,495	5,105	2,811	16,834	19,645
1949 .....	1,792	10,361	12,153	514	4,873	5,387	2,306	15,234	17,540
1950 .....	2,274	9,345	11,619	642	6,600	7,242	2,916	15,945	18,861
1951 .....	3,946	12,581	16,527	724	5,736	6,460	4,670	18,317	22,987
1952 .....	10,246	18,294	28,540	834	4,815	5,649	11,080	23,109	34,189

TABLE 12. Mechanical Equipment, 1951 and 1952

	1951	1952
	No.	No.
Spindles:		
Throwing .....	133,596	116,466
Winding .....	27,840	30,511
Doubling and twisting .....	68,654	72,684
Spinning .....	255,765	232,072
Re-drawing .....	9,481	10,175
Reeling .....	2,376	1,549
Cone winding .....	18,408	17,494
Quill winding .....	11,668	10,768
All other .....	12,286	19,164
Warpers .....	152	151
Slashers .....	56	61
Cards .....	349	461
Looms:		
40 inches and under .....	330	—
41-48 inches .....	1,680	1,923
49-56 inches .....	3,395	3,020
57 inches and over .....	2,503	2,811
Velvet .....	60	68
Ribbon .....	1	1
Jacquard machines in place on the above looms .....	137	165
Dobbies in place on the above looms .....	5,816	5,402
Knitting machines .....	91	21
Braiding machines .....	2	2
Stretchers .....	8	10



List of Establishments in the Synthetic Textiles and Silk Industry, 1952

Name	Address
<b>New Brunswick:</b>	
Textile Sales Limited (St Croix Mill).....	Milltown
<b>Quebec:</b>	
Acton Vale Silk Mills Limited.....	Acton Vale
Associated Textiles of Canada, Limited.....	Louiseville
"Aux Tissages Francais" Inc. ....	7260 St. Urbain St., Montreal
Belding-Corticelli Limited.....	445 St. James St., St. Johns
British American Silk Mills Limited.....	Granby
Bruck Mills Limited .....	Cowansville
Bruck Mills Limited .....	100 Woodward Ave., Sherbrooke
Canadian Celanese Limited.....	Drummondville
Canadian Celanese Limited.....	Sorel
Canadian Silk Textiles Reg'd. ....	St. Hyacinthe
Coaticook Textiles Limited.....	380 Water St., Coaticook
Consolidated Textiles Limited .....	Joliette
Consolidated Textiles Limited .....	St. Hyacinthe
Dionne Spinning Mills Company .....	St. George, West
Dominion Burlington Mills Limited.....	Sherbrooke
Dominion Spinners Limited .....	130 Gregoire St., St. Johns
Dominion Thread Mills .....	52 Nazareth St., Montreal
Doric Textile Mills Ltd. ....	St. Johns
Duplan of Canada Ltd. ....	Montmagny
Duplex Textiles Limited .....	St. Hyacinthe
Iberville Drapery Mills Limited.....	62-4th Avenue, Iberville
Kenmar Textiles Limited .....	St. Angele
Louis Roessel & Company, Limited.....	628 Heriot St., Drummondville
Martin Company Limited, J.B. ....	445 St. James St., St. Johns
Mattawin Textiles Ltd. ....	1701 third Ave., Grandmère
Rayonese Textile Co. Ltd. ....	Ste. Rose
Sauquoit Ltd. ....	Granby
Soieries Boell, Limited .....	St. Johns
Sutton Silk Mills Limited .....	Sutton
Thor Mills Limited .....	Granby
Valleyfield Silk Mills Limited.....	Valleyfield
Verney Corporation of Canada, Limited.....	Granby
Wesley Mason Mills Ltd., (2 plants).....	Cap. de la Madeleine
Zephyr Textiles Limited .....	Ormstown
<b>Ontario:</b>	
Canadian Industries Limited .....	Kingston
Courtaulds (Canada) Limited.....	Cornwall
Dominion Silk Mills Limited .....	2 Mark St., Toronto 2
Fiberglass Canada Limited .....	First Ave., Oshawa
Fine Silk Limited .....	Midland
Galtex Limited.....	St. Andrews St., Galt
Grout's Limited .....	Welland Ave., St. Catherines
National Weaving.....	Dunnville
Newlands & Company Ltd. ....	Mill St., Galt
Riverside Silk Mills Limited .....	Melville St., Galt
Riverside Silk Mills Limited .....	Mitchell
Slingsby Manufacturing Company, Limited .....	Grand River Ave., Brantford