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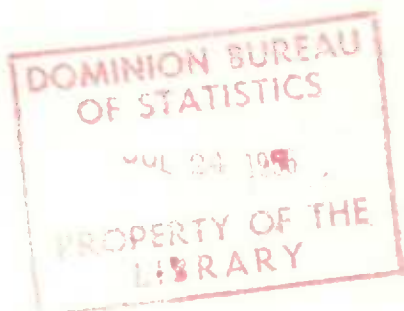
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CANADA

# SYNTHETIC TEXTILES AND SILK INDUSTRY

1954



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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, \$1.50
- II - The Manufacturing Industries of Canada, (7 sections, as follows:)
  - Section A. Summary for Canada, 25¢
  - Section B. Atlantic Provinces, 25¢
  - Section C. Quebec, 25¢
  - Section D. Ontario, 25¢
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  - Section F. British Columbia, 25¢
  - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III - Foods and Beverages
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  - 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, 25¢
- B - The Cotton Textile Industries, 25¢
- C - The Wool Textile Industries, 25¢
- D - The Synthetic Textiles and Silk Industry, 25¢
- E - The Narrow Fabrics Industry, 25¢
- F - The Dyeing and Finishing of Textile Goods Industry, 25¢
- G - The Awning, Tent and Sail Industry, 25¢
- H - The Cordage, Rope and Twine Industry, 25¢
- I - The Cotton and Jute Bag Industry, 25¢
- J - The Miscellaneous Textiles Industries, 25¢

# SYNTHETIC TEXTILES AND SILK INDUSTRY

1954

During the year 1954 the synthetic textiles and silk industry was troubled by difficulties which beset textiles generally. Activity for the year as a whole was down considerably from 1953 and in the second quarter reached the lowest levels in recent years. The recession was experienced by all sections of the industry, both fibre and yarn producers as well as fabric makers. Despite the disappointing year there was some optimism abroad at the beginning of 1955. A moderate upswing had occurred in the third quarter and continued to year's end as evidenced by the progressive improvement in employment and production levels during the last five months of the year.

The factory shipments made up the Synthetic Textiles and Silk Industry in 1954 had a value f.o.b. plant of \$132,403,283. This was a drop of \$14,015,024 or 9.6 per cent from the value of shipments of \$146,418,307 reported in 1953. The number of people employed by the industry declined to 13,622 from 15,723 while salaries and wages fell from \$43,939,105 in 1953 to \$40,628,143 in the year under review. It should be noted that there was an increase reported in the number and earnings of salaried employees. This rise in salaried staff was accounted for by the establishment of two new staple fibre plants, one in Ontario and one in Alberta. These firms while not in full production in 1954 had, nevertheless, a considerable number of office employees on strength. The industry's cost of materials suffered a 10.7 per cent drop from \$63,938,444 to \$57,081,320 over the two years.

In the year under review the industry shipped 81,911,714 yards of broad woven fabrics worth \$57,505,233 as against 96,397,093 yards valued at \$72,222,993 shipped in 1953. Deliveries of continuous filament rayon fabric amounted to 37,751,808 yards in 1954 compared with 55,325,883 yards in 1953. Fabrics of spun rayon accounted for 19,142,700 yards versus 20,029,155 the previous year. Shipments of filament nylon fabric declined to 5,405,421 yards from the 7,037,238 yards reported the year before. There were 3,000,054 pounds of knitted fabrics shipped in 1954 as against 3,557,641 pounds in 1953.

With the exception of rayon staple fibre there was a decline in the amounts of most items consumed by the industry in 1954. Rayon staple fibre at 17,729,711 pounds in 1954 was up over the 16,491,292 pounds of the previous year. The consumption of continuous filament rayon yarn fell one third from 12,745,123 pounds in 1953 to 8,444,615 pounds in 1954. The decline in the use of spun rayon yarn including mixtures was slight with 4,463,531 pounds reported in 1954 as against 4,761,385 pounds the year before. There was less nylon yarn used over the two years with 1,560,039 pounds and 1,598,189 pounds used in 1954 and 1953, respectively. Cotton yarn declined to 1,076,778 pounds from 1,534,220 while wool tops were up to 422,679 pounds from 376,469 pounds in 1953. The value of chemicals and dyestuffs rose from \$8,728,637 to \$9,659,658 in the year under review.

In response to the general conditions prevailing in the textile industry there was a trend to lower prices for staple, yarn and fabric in 1954. From the beginning of the year prices of staple fibre moved irregularly lower. In March 1954, viscose staple fibre, all deniers, dull and bright, was quoted at 34 cents per pound and by year's end was quoted at 30 cents per pound. All classes of fabric producers were anxious to obtain raw materials at the lowest possible prices and this brought strong pressure on the primary producers to put lower prices in effect. The Bureau's wholesale price index (1935-39 = 100) for rayon fabric which registered 160.3 in December 1953 had fallen to 158.3 in December of 1954. The price for rayon yarn took an even sharper drop with the indices for the Decembers of the two years being 176.9 and 158.3 respectively.

Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. This data was formerly collected by a separate survey. The summarized result for the Synthetic Textiles and Silk industry for the year under review will be found in Table 3.

1954 imports of silk and synthetic fibres, yarns and piece goods totalled \$32,760,007 compared with \$37,928,737 in 1953. Imports of synthetic yarn declined in the year under review. Nearly 1.5 million pounds of acetate yarns, singles, not coloured, not more than seven turns to the inch, were imported into Canada in 1953 against 74,000 pounds in 1954. Takings of synthetic yarn for tire fabric in 1954 stood at 3,567,504 pounds, down over 50 per cent from the 7,512,379 pounds reported in 1953. Staple fibre imports of 4,564,853 pounds were lower than the 6,669,686 pounds taken the year before. Imports of broadwoven fabric of synthetic yarn eased somewhat with 8,093,069 pounds reported in 1954 as against 9,165,182 pounds in 1953. A total of \$1,002,939 worth of narrow woven fabrics of synthetic yarn were brought into Canada in 1954 compared with a value of \$981,047 for the same item a year previous.

The influence of the development of old and new types of man-made and synthetic fibres and filament yarns has had a very substantial impact on the capital and maintenance expenditure of the synthetic textiles and silk industry. In spite of difficult conditions over the past three years the synthetic mills have continued with modernization programs and several new plants have been established. Total capital investment in 1954 was reported at \$24,741,000 with machinery and equipment accounting for \$18,830,000 and new construction \$5,911,000. The construction of several new staple fibre plants has given considerable impetus to this expenditure while the introduction of new fibres and yarns has necessitated changes in the mechanical equipment of many firms in the industry.

TABLE 1. Principal Statistics, Representative Years, 1929 to 1954

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 <sup>1</sup>
	No.	No.	\$	\$	\$	\$	\$
1929	23	4,372	3,825,796	309,058	6,091,124	8,075,898	14,476,080
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							
Canada	47	15,723	43,939,105	3,894,586	63,938,444	78,585,277 <sup>2</sup>	146,418,307
Quebec	36	11,322	30,302,973	2,106,711	36,827,657	44,960,008 <sup>2</sup>	83,894,376
Ontario and New Brunswick	11	4,401	13,636,132	1,787,875	27,110,787	33,625,269 <sup>2</sup>	62,523,931
1954							
Canada	46	13,662	40,628,143	3,538,057	57,081,320	69,984,772	132,403,283
Quebec	33	9,644	26,576,206	1,620,618	30,600,568	36,545,598	70,063,423
Ontario, New Brunswick and Alberta	13	4,018	14,051,937	1,917,439	26,480,752	33,439,174	62,339,860

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, these figures have been calculated from value of factory shipments and are, therefore, only approximations 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, 1953 and 1954

Items	1953	1954	+ Increase - Decrease
Establishments reporting..... No.	47	46	- 1
Supervisory and office employees:			
Total..... No.	3,286	3,478	+ 192
Male..... "	2,291	2,409	+ 118
Female..... "	995	1,069	+ 74
<b>Total salaries</b> ..... \$	<b>12,822,840</b>	<b>13,837,299</b>	<b>+ 1,014,459</b>
Production workers:			
Monthly average..... No.	12,437	10,184	- 2,253
Male..... "	9,311	7,765	- 1,546
Female..... "	3,126	2,419	- 707
<b>Total wages</b> ..... \$	<b>31,116,265</b>	<b>26,790,844</b>	<b>- 4,325,421</b>
Cost of fuel and electricity..... \$	3,894,586	3,538,057	- 356,529
Cost of materials used..... \$	63,938,444	57,081,320	- 6,857,124
Value of factory shipments..... \$	146,418,307	132,403,283	- 14,015,024

TABLE 3. Inventories<sup>1</sup>, 1954

	Raw material and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Quebec .....	6,332,429	7,486,457	9,284,517	23,103,403
Ontario, New Brunswick and Alberta.....	3,196,580	2,121,550	6,805,626	12,123,756
Canada .....	9,529,009	9,608,007	16,090,143	35,227,159
Closing:				
Quebec .....	6,224,936	7,863,885	7,987,878	22,076,699
Ontario, New Brunswick and Alberta.....	3,626,271	1,838,757	6,303,131	11,768,159
Canada .....	9,851,207	9,702,642	14,291,009	33,844,858

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

TABLE 4. Factory Shipments, 1953 and 1954

Principal products	Unit of measure	1953		1954	
		Quantity	Selling value at factory	Quantity	Selling value at factory
			\$		\$
<b>Woven fabrics:</b>					
All silk and mixtures containing silk .....	Yd.	237,222	269,149	181,536	215,285
All continuous filament synthetic yarn:					
Rayon.....	"	55,325,883	36,574,880	37,751,808	23,455,877
Nylon.....	"	7,037,238	6,142,835	5,405,421	4,451,479
All spun rayon .....	"	20,029,155	15,083,860	19,142,700	13,946,523
All cotton.....	"	509,353	927,039	113,416	194,254
Mixtures of continuous filament rayon and spun rayon	"	4,443,023	4,002,444	4,317,172	3,444,425
Mixtures of continuous filament rayon and cotton	"	1,146,401	1,162,302	6,120,769	3,842,398
Mixtures of spun rayon and cotton.....	"	1,541,024	1,568,089	963,131	1,040,863
Mixtures of rayon and wool.....	"	748,747	820,441	331,436	440,428
All other woven fabrics.....	"	5,379,047	5,671,954	7,584,325	6,473,701
<b>Knitted Fabrics .....</b>	<b>Lb.</b>	<b>3,557,641</b>	<b>4,554,895</b>	<b>3,005,054</b>	<b>3,867,871</b>
<b>Yarn and thread:</b>					
Synthetic singles .....	Lb	34,455,640	38,206,596	36,710,011	38,192,666
Rayon, thrown.....	"	2	2	2	2
Nylon, thrown.....	"	957,973	4,050,891	876,856	3,560,790
Other, thrown .....	"	3,776,708	3,399,883	2,464,794	2,202,685
Spun rayon, including mixtures .....	"	4,230,940	3,462,119	3,367,452	2,455,409
All other yarns .....	"	2,174,161	3,514,567	2,180,208	3,700,240
All other threads .....	"	-	1,294,460	-	843,091
<b>Waste .....</b>	<b>"</b>	<b>1,385,611</b>	<b>271,465</b>	<b>2,399,189</b>	<b>762,986</b>
All other products .....	-	-	11,486,021	-	16,261,572
Custom and commission work.....	-	-	3,954,417	-	3,050,740
<b>Total factory shipments .....</b>	<b>-</b>	<b>-</b>	<b>146,418,307</b>	<b>-</b>	<b>132,403,283</b>

1. For breakdown of woven fabrics by construction see Table 4A.

2. Included in "Other yarn, thrown".

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, 1954

	Rayon—filament and spun, including mixtures	Nylon—filament and spun, including mixtures	All other	Total
	yd.	yd.	yd.	yd.
Dress fabrics .....	28,099,156	3,166,980	3,710,423	34,976,559
Lingerie fabrics .....	8,875,458	1,717,364	4,812	10,597,634
Lining fabrics.....	13,609,656	100,000	—	13,709,656
Neckwear fabrics .....	233,964	—	—	233,964
Draperies, damask, tapestries and other upholstering fabrics.....	1,996,990	3,520	108,708	2,109,218
Other furnishing fabrics .....	1,132,397	126,705	186,998	1,446,100
Other fabrics.....	16,823,287	1,085,508	929,788	18,838,583
<b>Total .....</b>	<b>70,770,908</b>	<b>6,200,077</b>	<b>4,940,729</b>	<b>81,911,714</b>

TABLE 5. Materials Used, 1953 and 1954

Principal materials	1953		1954	
	Quantity	Cost value at factory	Quantity	Cost value at factory
	lb.	\$	lb.	\$
Silk, raw .....	21,363	105,987	1	1
Rayon staple fibre .....	16,491,292	6,621,275	17,729,711	6,206,951
Wool tops.....	376,469	637,213	422,679	623,745
Nylon staple fibre .....	736,989	1,344,870	436,068	690,539
Other raw stock .....	—	6,197,965	—	6,580,415
<b>Yarns:</b>				
Silk, real .....	32,953	153,742	25,034	122,891
Synthetic (continuous filament):				
Acetate rayon.....	6,052,099	5,577,699	3,827,985	3,324,860
Bemberg.....	31,422	45,403	136,053	146,697
Viscose rayon.....	6,661,602	5,235,582	4,480,577	3,584,422
Spun silk .....	16,569	19,577	105,691	165,488
Spun rayon (including spun rayon mixtures).....	4,761,385	2,488,199	4,463,531	2,230,861
Nylon .....	1,598,189	4,643,219	1,560,039	3,987,178
Cotton .....	1,534,220	1,526,667	1,076,778	1,024,160
Worsted .....	2	2	2	2
All other .....	427,705	1,249,726	858,107	1,273,367
Chemicals and dyestuffs .....	—	8,728,637	—	9,659,658
All other materials and supplies .....	—	14,442,191	—	13,561,906
Custom weaving, throwing, etc.....	—	2,387,872	—	1,481,623
Dyeing and printing, charges .....	—	1,547,967	—	1,660,585
Packing and shipping materials.....	—	984,653	—	755,974
<b>Total cost of materials used .....</b>	<b>—</b>	<b>63,938,444</b>	<b>—</b>	<b>57,081,320</b>

1. Included in "Other raw stock".
2. Included in "All other yarns".

TABLE 6. 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
1952 .....	70,646,867	50,488,653	25,077,153	23,545,445	6,173,569	5,535,755	101,897,589	79,569,853
1953 .....	67,143,976	45,396,874	22,337,590	17,489,631	7,185,260	6,142,595	96,666,826	69,029,100
1954 .....	46,759,691	30,446,770	21,475,116	16,103,770	14,720,084	11,255,952	82,954,891	57,806,492

1. Including nylon.

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

	1953		1954		
	Quantity	Value	Quantity	Value	
		\$		\$	
<b>Silk:</b>					
Raw silk and cocoons, not degummed .....	Lb.	60,966	311,107	61,274	251,865
Garnetted silk wastes, waste fabric and silk wastes, n.o.p. not including remnants nor mill ends .....	"	499	969	2,615	4,810
Yarn, thread, cord and twist .....	-	-	17,793	-	19,902
Bolting cloth, not made up .....	-	-	139,161	-	131,594
Knitted fabrics, silk .....	Lb.	348	2,397	323	3,743
Woven fabrics, silk, in the gum, not less than 20 inches in width, to be dyed and finished in Canada .....	Yd.	14,994	3,728	1,503	1,047
Woven fabrics, silk, not to contain wool, not including fabrics in chief part by weight of synthetic yarn, n.o.p. ....	"	494,306	845,350	632,042	1,045,501
Woven fabrics, silk, 26 inches in width or less, n.o.p. ....	"	3,393	11,693	3,184	10,946
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. ....	"	480,808	814,291	245,451	413,681
Woven fabrics, not exceeding 12 inches in width, ribbons, silk .....	-	-	25,704	-	32,914
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 .....	-	-	2,358,389	-	2,162,341
Umbrella covering fabrics, not made in Canada, with hemmed selvages, when imported in lengths of not less than ten yards each for umbrellas .....	-	-	229,784	-	251,107

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

	1953		1954	
	Quantity	Value	Quantity	Value
		\$		\$
Synthetic Textiles:				
Loose fibres in staple lengths, wholly of synthetic fibre, not more advanced than in the form of sliver, for the manufacture of spun yarns .....	Lb. 6,669,686	3,159,984	4,564,853	2,090,271
Synthetic fibre tops .....	347,148	286,275	461,534	267,211
Garnetted material and waste portions of unused fabrics, filaments and loose fibres, n.o.p., not to include remnants nor mill ends.....	" 1,001,587	608,581	1,499,174	1,195,329
Yarns, synthetic, acetate, singles, not coloured, not more than seven turns to the inch.....	" 1,484,287	1,115,860	74,324	73,711
Yarns, synthetic, singles, n.o.p., not coloured, not more than seven turns to the inch.....	" 662,410	634,355	273,425	285,055
Yarns, threads, cords, or twist, synthetic, and yarns synthetic covered with metallic strip, produced from cellulose acetate .....	" 327,072	397,394	500,123	555,981
Yarns, threads, cords or twist, synthetic, and yarns synthetic, covered with metallic strip, n.o.p. ....	" 1,712,921	2,031,110	1,583,988	2,116,824
Yarns, synthetic not coloured, for cut pile fabrics .....	" 9,459	12,015	-	-
Yarns of synthetic fibres, produced from polyamides (nylon) .....	" 186,774	613,693	145,941	461,703
Yarns, synthetic, for tire fabric .....	" 7,512,379	4,422,295	3,567,504	2,150,809
Knitted fabrics of synthetic yarn .....	" 210,884	704,720	206,353	653,425
Woven fabric of synthetic yarn, not to contain wool, not including fabrics in chief part by weight of silk, n.o.p. ....	" 9,165,182	18,201,042	8,093,069	17,580,298
Woven fabrics, of synthetic yarn, not exceeding twelve inches in width, generally known as ribbons .....	" -	981,047	-	1,002,939
<b>Total.....</b>	<b>-</b>	<b>37,928,737</b>	<b>-</b>	<b>32,763,007</b>

TABLE 8. Exports of Synthetic Yarn and Fabrics

	1953		1954	
	Quantity	Value	Quantity	Value
	yds.	\$	yds.	\$
Synthetic thread and yarn .....	-	3,489,863	-	2,376,527
Fabrics of synthetic yarn .....	1,196,098	1,136,652	1,347,493	1,041,572

TABLE 9. Employees and their Earnings, by Provinces, 1953 and 1954

	Average number					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	No.	No.	No.	No.	No.	\$	\$	\$
1953								
Quebec .....	1,630	737	6,774	2,181	11,322	9,294,375	21,008,598	30,302,973
Ontario and New Brunswick....	661	258	2,537	945	4,401	3,528,465	10,107,667	13,636,132
<b>Canada .....</b>	<b>2,291</b>	<b>995</b>	<b>9,311</b>	<b>3,126</b>	<b>15,723</b>	<b>12,822,840</b>	<b>31,116,265</b>	<b>43,939,105</b>
1954								
Quebec .....	1,736	812	5,435	1,661	9,644	9,811,655	16,764,551	26,576,206
Ontario, New Brunswick and Alberta .....	673	257	2,330	758	4,018	4,025,644	10,026,293	14,051,937
<b>Canada .....</b>	<b>2,409</b>	<b>1,069</b>	<b>7,765</b>	<b>2,419</b>	<b>13,662</b>	<b>13,837,299</b>	<b>26,790,844</b>	<b>40,628,143</b>



TABLE 10. Monthly Employment of Production Workers, 1953, 1954

	1953			1954		
	Male	Female	Total	Male	Female	Total
	Number					
January .....	9,771	3,412	13,183	7,679	2,567	10,246
February .....	10,090	3,508	13,598	7,662	2,513	10,175
March.....	10,172	3,495	13,667	7,556	2,430	9,986
April .....	10,113	3,502	13,615	7,547	2,470	10,017
May .....	9,755	3,385	13,140	7,326	2,305	9,631
June.....	8,847	3,043	11,890	7,447	2,318	9,765
July .....	9,144	3,082	12,226	7,301	2,267	9,568
August.....	9,102	3,022	12,124	7,562	2,317	9,879
September .....	9,081	2,941	12,022	7,937	2,419	10,356
October .....	8,968	2,847	11,815	8,228	2,531	10,759
November .....	8,397	2,636	11,033	8,406	2,569	10,975
December .....	8,244	2,624	10,868	8,501	2,611	11,112
Monthly average.....	9,311	3,126	12,437	7,765	2,419	10,184

TABLE 11. Size of Establishments, 1953 and 1954

Establishments with factory shipments of	Establishments	Em- ployees	Salaries and wages	Cost of materials used	Value of factory shipments
	No.	No.	\$	\$	\$
1953					
Under \$25,000 .....	—	—	—	—	—
\$25,000 to under \$100,000 .....	16	648	1,438,991	1,662,982	3,904,017
\$100,000 to under \$500,000 .....					
\$500,000 to under \$1,000,000 .....	10	976	2,457,217	3,524,556	7,267,257
\$1,000,000 to under \$5,000,000 .....	16	5,094	11,752,182	21,507,281	37,738,587
\$5,000,000 and over .....	5	8,111	24,469,015	37,243,625	97,508,446
Head offices .....	—	894	3,821,700	—	—
<b>Total.....</b>	<b>47</b>	<b>15,723</b>	<b>43,939,105</b>	<b>63,938,444</b>	<b>146,418,307</b>
1954					
Under \$25,000 .....	4	79	135,497	131,375	179,256
\$25,000 to under \$100,000 .....					
\$100,000 to under \$500,000 .....	14	545	1,740,986	2,679,685	3,706,012
\$500,000 to under \$1,000,000 .....	8	791	2,099,051	2,888,263	5,993,038
\$1,000,000 to under \$5,000,000 .....	16	4,682	11,527,308	20,295,495	36,290,249
\$5,000,000 and over .....	4	6,312	20,063,512	31,086,502	86,234,728
Head offices .....	—	1,253	5,061,789	—	—
<b>Total.....</b>	<b>46</b>	<b>13,662</b>	<b>40,628,143</b>	<b>57,081,320</b>	<b>132,403,283</b>

TABLE 12. Estimated Capital, Repair and Maintenance Expenditures, 1946-1954

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 <sup>1</sup> .....	5,339	13,406	18,745	572	5,424	5,996	5,911	18,830	24,741

1. Figures for 1954 are preliminary.

TABLE 13. Mechanical Equipment, 1953 and 1954

	1953	1954
	No.	No.
Spindles:		
Throwing.....	97,356	97,648
Winding.....	31,992	22,342
Doubling and twisting.....	62,216	62,251
Spinning.....	254,730	116,467
Re-drawing.....	14,206	12,488
Reeling.....	1,427	1,375
Cone winding.....	18,696	18,830
Quill winding.....	10,044	8,759
All other.....	14,994	16,756
Warpers.....	2,829	2,806
Slashers.....	49	62
Cards.....	442	418
Looms:		
41-48 inches.....	1,413	1,443
49-56 inches.....	2,975	2,169
57 inches and over.....	2,886	2,763
Velvet.....	68	68
Ribbon.....	1	—
Jacquard machines in place on the above looms.....	165	160
Dobbies in place on the above looms.....	4,628	4,822
Knitting machines.....	87	41
Braiding machines.....	2	7
Stretchers.....	8	5

## List of Establishments in the Synthetic Textiles and Silk Industry, 1954

Name	Address
<b>New Brunswick:</b>	
Textile Sales Limited (St Croix Mill) .....	Milltown
<b>Quebec:</b>	
Acadian Bobinet Co. Ltd. ....	5th Ave., Iberville
Acton Vale Silk Mills Ltd. ....	Acton Vale
Associated Textiles of Canada, Limited .....	Louiseville
"Aux Tissages Français" Inc. ....	7260 St. Urbain St., Montreal
Belding-Corticelli Limited .....	Richelieu St., St. Johns
Bruck Mills Limited .....	Cowansville
Bruck Mills Limited .....	100 Woodward Ave., Sherbrooke
Bruck Throwing Co. Ltd. ....	130 Grégoire St., St. Johns
Canadian Celanese Limited .....	Drummondville
Canadian Celanese Limited .....	Sorel
Coaticook Textiles Limited .....	380 Water St., Coaticook
Consolidated Textiles Limited .....	Joliette
Consolidated Textiles Limited .....	St. Hyacinthe
Dionne Spinning Mills Company .....	St. George, West
Domil Ltd. ....	Sherbrooke
Dominion Thread Mills .....	52 Nazareth 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
Kenmar Textiles Limited .....	St. Angèle de Monnoir
Louis Roessel & Company, Limited .....	Dunken St., Drummondville
Malibu Fabrics of Canada Ltd. ....	1555 MacKay St., Montreal
Martin Company Limited, J.B. ....	445 St. James St., St. Johns
Mattawin Textiles Ltd. ....	1701 Third Ave., Grand'mère
Rayonese Textile Co. Ltd. ....	Ste. Rose
Sauquoit Ltd. ....	Granby
Soieries Boell, Limited .....	St. Johns
Rose-Tex Fabrics .....	1459 St. Alexander St., Montreal
Thor Mills Limited .....	Granby
Triconit Fabrics Ltd. ....	201 St. Louis St., St. Johns
Zephyr Textiles Limited .....	Ormstown
<b>Ontario:</b>	
Bay Mills, Ltd. ....	425 River St., Midland
Canadian Industries Limited .....	Millhaven
Courtaulds (Canada) Limited .....	Cornwall
Dominion Silk Mills Limited .....	2 Mark St., Toronto 2
Dupont of Canada Ltd. ....	Kingston
Fiberglass Canada Limited .....	Guelph
Galtex Limited .....	St. Andrews St., Galt
Grout's Limited .....	Welland Ave., St. Catherines
National Weaving Ltd. ....	Dunnville
Riverside Silk Mills Limited .....	Melville St., Galt
Slingsby Manufacturing Company, Limited .....	Grand River Ave., Brantford
<b>Alberta:</b>	
Canadian Chemical Co. Ltd. ....	Edmonton

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