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# THE WOOL TEXTILE INDUSTRIES

## 1959

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## PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries classified to the **Textile Mills** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

**A — Annual**

**Q — Quarterly**

**M — Monthly**

Catalogue number	Title	Price
34-201	General Review of Textile Mills (A) .....	.50
34-202	Awning, Tent and Sail Industry (A) .....	.50
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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- <sup>p</sup> preliminary figures.
- <sup>r</sup> revised figures.

## EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1959 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1959 are as follows:

### Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

### Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

### Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

### Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

### Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

### Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or



plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

### **Inventories**

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

### **Value Added by Manufacturing**

Figures are computed from value of shipments plus or minus changes in inventories of finished goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.<sup>1</sup>

### **Standard Industrial Classification**

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

### **Short Forms**

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

The general request for the principal items of products on the short form for 1959 permitted a fairly complete compilation of the detailed quantities and values of commodity shipments. In the case of the detailed quantities and values of materials, fuel and electricity, however, and the monthly distribution of production workers, only the totals of data actually reported on the intermediate and long forms are contained in published reports and no attempt was made as in past years to estimate the generally small proportion of individual totals represented by detailed items omitted from the short forms.

The new approach has relieved an additional 12,000 establishments from filling out the regular long form. Establishments now receiving the short form number in excess of 20,000 and account for more than 54 per cent of the total number of establishments and a little more than 3 per cent of the total value of shipments.

# THE WOOL TEXTILE INDUSTRIES,

1959

Beginning with 1956, the statistics of the carpet, mat and rug industry were no longer compiled and published with the statistics of the wool group of industries. This decision was in line with the Standard Industrial Classification scheme adopted in 1949 which classified the carpet, mat and rug industry separately from the wool group under miscellaneous textile products. Therefore, when mention is made in this report of the wool group or of the wool textile industries, the reference is to a group comprised of the wool cloth industry, the wool yarn industry and the miscellaneous wool goods industry. The data for previous years have been revised to give effect to the change. The statistics of the carpet, mat and rug industry will henceforth appear in the report entitled "The Miscellaneous Textile Industries".

The wool group as now constituted is dealt with as a whole in the first section of this report. The other three sections that follow deal separately with the three industries that comprise the group. The developments within these industries are noted in their respective sections and a list of firms reporting to each industry will be found at the end of the report.

Factory shipments by the Wool Textile Industries in 1959 were valued at \$114,721,127 f.o.b. plant, \$12,569,457 or 12.3 per cent higher than the \$102,151,670 worth of goods shipped in 1958. The number of employees increased by 10.5 per cent from 9,386 to 9,842 in the current year, as did salary and wage payments by 10.9 per cent from \$27,468,799 to \$29,880,820. Materials and supplies, costing \$60,553,496 were used by the industry in 1959 compared to \$54,605,149 in 1958, an increase of 10.9 per cent.

Shipments of apparel fabrics, the wool industry's most important line of products, were higher both in volume and value in 1959 than in 1958, the figures for the two years being, respectively, 28,952,790 square yards valued at \$42,711,360, and 24,527,287 square yards valued at \$38,467,738. Shipments in 1959 of woolen and worsted sales yarns were, with the comparable 1958 figures in brackets, 13,931,252 pounds (10,847,095 pounds) with a value of \$26,367,163 (\$20,710,988). The total value of deliveries of felts (all kinds) increased by a substantial 9.8 per cent from \$16,784,054 in 1958 to \$18,424,968 in 1959. Further products detail is to be found in Table 5. Shipments of certain selected textile products by all industries are given in this report in Tables 5A and 5B.

Price movements of wool yarns and fabrics were varied. Monthly price indexes for worsted yarns in 1959 averaged 210.8 compared to 203.6 in 1958, whereas those for worsted and woolen cloth averaged 232.1 compared to 238.4 the previous year. The index of raw wool prices, which averaged 200.2 for domestic and 176.0 for imported in 1958, fell to 187.5 for domestic, but rose to 193.7 for imported in 1959. The wool blankets index declined abruptly from 293.1 to 276.8 in the year under review.

In 1959 the wool group used more imported raw wool, but less domestic wool. The consumption of imported wool (clean basis) used by the industries rose noticeably from 10,935,778 pounds in 1958 to 14,358,358 pounds in 1959. On the other hand, the amount of domestic wool (clean basis) used decreased from 3,723,597 pounds in 1958 to 3,413,696 pounds in 1959. The use of tops increased, being 8,973,706 pounds in 1959 and 8,304,537 in 1958. The consumption of purchased worsted yarn increased substantially, 2,967,566 pounds being used in 1959 as against 1,958,425 pounds in 1958. Further information on materials used may be obtained from Table 8.

Imports of raw wool, fabrics, etc., not including wearing apparel, increased appreciably from \$63,021,189 in 1958 to \$67,189,414 in the current year. Piece goods imports increased in weight from 13,083,850 pounds in 1958 to 13,423,216 pounds in 1959, but decreased in value from \$35,847,765 to \$35,667,753.

Exports of raw wool, fabrics etc., excluding wearing apparel, climbed from \$2,923,240 in 1958 to \$3,760,707 in 1959, a total about midway between the value of comparable exports for 1957 and 1958. Further particulars of imports and exports may be obtained from Tables 10 and 11 of this report.

Capital expenditures within the industries amounted to \$4,020,000. of this total \$1,927,000 was spent on construction and new machinery; and the remaining \$2,093,000 went into repairs and maintenance. Table 14 gives separate details for the three industries comprising the group.

Attention is drawn to the fact that Table 7 is now on an all-industry basis to correspond with Table 5B.



TABLE 1. Location of Mills in the Wool Textile Group of Industries, 1958 and 1959

Provinces	Wool cloth mills		Wool yarn mills		Wool goods n.e.s. <sup>1</sup>		All wool textile mills	
	1958	1959	1958	1959	1958	1959	1958	1959
Canada .....	55	55	38	37	34	32	127	124
Newfoundland .....	1	1	—	—	—	—	1	1
Prince Edward Island .....	—	—	2	2	—	—	2	2
Nova Scotia .....	1	1	1	1	1	1	3	3
New Brunswick .....	6	6	4	4	—	—	10	10
Quebec .....	22	24	15	15	7	7	44	46
Ontario .....	20	19	16	15	23	22	59	56
Prairie provinces .....	1	—	—	—	—	—	1	—
British Columbia .....	4	4	—	—	3	2	7	6

<sup>1</sup> Wool goods, n.e.s., includes: Woollen fabrics, blankets and slumber throws, paper makers' and all other felt goods, reworked or reprocessed wool, batts and rolls, rags and wipers, pulled wool and pickled skins.

TABLE 2. Principal Statistics of the Wool Textile Group of Industries, Representative Years, 1929-59

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>
	number				dollars		
1929 .....	97	7,111	6,384,116	574,339	16,542,644	12,628,061	29,745,044
1932 .....	108	7,640	6,263,076	634,217	10,001,913	10,555,559	21,191,689
1935 .....	124	10,083	8,173,175	911,590	17,934,197	14,671,000	33,516,787
1938 .....	119	9,573	8,145,192	861,608	17,519,774	12,708,015	31,089,397
1939 .....	126	10,065	9,175,174	958,203	21,403,441	17,160,960	39,522,604
1940 .....	135	12,938	13,294,868	1,246,015	41,818,785	28,832,102	71,896,902
1942 .....	145	14,518	17,434,085	1,538,910	56,177,047	37,403,867	95,119,824
1944 .....	153	13,777	18,083,680	1,595,339	49,979,042	33,417,300	84,991,681
1945 .....	164	14,484	19,151,939	1,635,842	52,410,809	36,306,509	90,353,160
1948 .....	186	17,049	30,947,852	2,139,753	73,484,102	54,909,396	130,533,251
1949 .....	181	16,151	31,409,920	2,113,384	70,132,918	52,698,541	124,944,843
1950 .....	180	15,701	32,223,709	2,310,011	86,742,767	52,817,592	141,870,370
1951 .....	186	15,599	34,917,727	2,266,089	117,681,898	55,955,872	175,903,859
1952 .....	171	13,727	33,368,486	2,268,119	78,437,629	56,802,443	137,508,191
1953 .....	167	13,643	33,857,951	2,388,553	75,998,219	50,538,055 <sup>2</sup>	128,924,827
1954 .....	162	11,371	28,365,027	2,138,182	62,723,726	42,755,209	108,435,101
1955 .....	151	11,797	30,476,724	2,256,360	69,998,423	50,183,366	123,323,528
1956 .....	146	12,135	32,146,116	2,444,071	72,391,239	53,146,078	126,975,963
1957 .....	135	11,230	30,822,192	2,239,159	67,966,997	48,942,342	118,984,181
1958							
Totals .....	127	9,386	27,468,799	1,999,857	54,605,149	44,950,116	102,151,670
Wool cloth .....	55	4,658	13,146,470	1,094,046	23,316,201	19,715,665	44,230,042
Wool yarn .....	38	2,753	7,492,692	471,538	19,113,603	11,387,173	31,420,547
Wool goods, n.e.s. ....	34	1,975	6,829,637	434,273	12,175,345	13,847,278	26,501,081
1959							
Totals .....	124	9,842	29,880,820	2,074,828	60,553,496	53,073,364	114,721,127
Wool cloth .....	55	4,843	14,151,409	1,118,909	26,087,518	21,736,658	47,684,919
Wool yarn .....	37	2,949	8,246,090	505,460	21,815,755	15,042,672	37,690,083
Wool goods, n.e.s. ....	32	2,050	7,483,321	450,459	12,650,223	16,294,034	29,346,125
Atlantic provinces .....	16	208	411,298	45,727	555,871	671,801	1,305,370
Quebec .....	46	4,051	12,634,555	889,948	26,341,846	22,103,294	48,453,616
Ontario .....	56	5,376	16,183,576	1,089,081	32,601,268	29,226,794	62,656,161
British Columbia .....	6	207	651,391	50,072	1,054,511	1,071,475	2,305,980

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

<sup>2</sup> 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".

TABLE 3. Inventories,<sup>1</sup> 1959

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening: <sup>2</sup>				
Atlantic provinces .....	207,794	21,964	204,697	434,455
Quebec .....	5,924,930	3,474,766	2,938,442	12,338,138
Ontario .....	6,329,190	3,350,568	5,032,153	14,711,911
British Columbia .....	179,633	285,137	159,924	624,694
Canada .....	12,641,547	7,132,435	8,335,216	28,109,198
Closing:				
Atlantic provinces .....	229,491	24,467	170,223	424,181
Quebec .....	5,992,168	4,062,624	3,232,056	13,286,848
Ontario .....	6,823,451	3,617,717	5,025,986	15,467,154
British Columbia .....	200,185	188,233	126,906	515,324
Canada .....	13,245,295	7,893,041	8,555,171	29,693,507

<sup>1</sup> Book value of all manufacturing inventories held at plant and plant warehouses.<sup>2</sup> The opening inventory for 1959 differs from the closing inventory published for 1958 because of the inclusion of new firms and the removal of figures for firms which did not operate during 1959.

TABLE 4. Comparison of Principal Statistics of the Wool Textile Group, 1958 and 1959

Items	1958	1959	+Increase -Decrease
Establishments reporting ..... No.	127	124	- 3
Supervisory and office employees:			
Total .....	1,380	1,277	- 103
Male .....	931	838	- 93
Female .....	449	439	- 10
Total salaries .....	\$ 6,397,344	\$ 6,432,132	+ 34,788
Production workers:			
Monthly average ..... No.	8,006	8,565	+ 559
Male .....	5,102	5,399	+ 297
Female .....	2,904	3,166	+ 262
Total wages .....	\$ 21,071,455	\$ 23,448,688	+ 2,377,233
Cost of fuel and electricity .....	\$ 1,999,857	\$ 2,074,828	+ 74,971
Cost of materials used .....	\$ 54,605,149	\$ 60,553,496	+ 5,948,347
Value of factory shipments .....	\$ 102,151,670	\$ 114,721,127	+12,569,457

TABLE 5. Factory Shipments of the Wool Textile Industries, 1958 and 1959

Principal products	1958		1959	
	Quantity	Selling value at factory	Quantity	Selling value at factory
		\$		\$
Woven fabrics (wool or containing wool): <sup>1</sup>				
Suitings, dress goods, overcoatings and cloakings:				
All wool, woollen ..... sq. yd.	24,277,034	37,805,975	28,557,997	42,006,974
All wool, worsted .....				
Woollen and worsted mixed .....				
Cotton warp, woollen .....				
Woollen and rayon mixtures .....				
Woollen and nylon mixtures .....				
Other wool mixtures .....				

See footnote at end of table.

TABLE 5. Factory Shipments of the Wool Textile Industries, 1958 and 1959 - Concluded

Principal products		1958		1959	
		Quantity	Selling value at factory	Quantity	Selling value at factory
			\$		\$
Woven fabrics (not containing wool).....		—	1,795,845 <sup>1</sup>	—	1,989,677
Auto cloths, upholstery fabrics, etc. (all materials).....	sq. yd.	1,983,546	3,696,244	2,094,187	3,559,657
Woven goods (wool or containing wool):					
Blankets, all types, including crib <sup>2</sup> .....	lb.	2,727,354	3,992,613	2,273,627	3,676,545
	pr.	450,501		358,732	
Slumber throws.....	No.	115,440	553,026	6,331	56,055
Auto rugs.....	"	46,289	228,046	23,982	116,938
Other woven goods.....		—	133,329	—	6,714
Knitted fabrics <sup>3</sup> .....		—	713,458	—	1,416,810
Felt:					
Boot, shoe, slipper and gaiter felts.....		—	274,143	—	415,027
Wool, cotton and asbestos papermakers' felts <sup>4</sup> .....	lb.	3,315,478	11,521,709	1,993,024	9,898,964
Harness and athletic felts.....	"	332,575	304,194	380,223	288,854
Insoling felt and cut insoles.....		—	163,004	—	213,254
Padding felt.....		—	288,557	—	342,780
Pennants and crests.....		—	386,651	—	358,761
Industrial and automotive felts (uncut).....		—	1,370,936	—	494,929
All other.....		—	2,474,860	—	3,947,956
Yarns for sale: <sup>4</sup>					
Woollen:					
Weaving.....	lb.	185,094	217,445	134,725	164,743
Machine knitting.....	"	1,992,355	2,967,945	2,778,072	4,328,813
Hand knitting.....	"	208,996	317,870	210,832	332,655
Carpet.....	"	2,573,262	2,773,363	3,129,568	3,014,301
Worsted, oil spun:					
Weaving.....	"	81,710	176,225	72,607	149,293
Machine knitting.....	"	3,268,534	7,619,244	4,277,888	9,351,645
Hand knitting.....	"	1,041,404	3,158,498	1,473,538	4,724,243
Worsted, dry spun:					
Knitting.....	"	1,489,781	3,471,796	1,853,076	4,298,815
All other yarns.....	"	2,232,571	3,380,182	2,038,293	3,074,980
Wool waste.....	"	596,816	199,668	1,774,893	382,330
Wool noils.....		—	"	—	"
Shoddy, mungo and wool extract.....	lb.	7,015,255	2,313,688	6,286,611	1,711,489
Batts, flocks and rolls.....	"	10,089,344	922,946	9,788,568	1,092,370
Rags and wipers.....	"	3,534,131	844,297	"	"
Pickled skins.....	doz.	45,432	363,907	33,436	378,886
All other products.....		—	3,948,937 <sup>5</sup>	—	7,954,356
Custom work and commission.....		—	1,524,483	—	2,192,066
Dyeing and finishing, etc.....		—	669,358	—	1,383,964
Intercompany transfers.....		—	1,579,228	—	1,396,283
<b>Total factory shipments.....</b>		<b>—</b>	<b>102,151,670</b>	<b>—</b>	<b>114,721,127</b>

<sup>1</sup> For shipments of wool woven fabrics in all industries, see Table 5B.<sup>2</sup> For shipments of blankets in all industries see Table 5A.<sup>3</sup> Includes stockinette and other knitted fabrics.<sup>4</sup> For total yarns spun, whether for sale, for own use, or on commission, see Table 6.<sup>5</sup> Included in "All other products".<sup>6</sup> 1959 shipments, wool felts only.



TABLE 3A. Factory Shipments of Blankets, Slumber Throws and Auto Rugs in All Industries, 1958 and 1959

	1958			1959 <sup>P</sup>		
	Quantity		Selling value at factory	Quantity		Selling value at factory
	pounds	pairs	\$	pounds	pairs	\$
Blankets:						
All wool .....	1,144,283	168,544	2,188,638	1,294,590	182,359	2,452,028
All synthetics and blends containing synthetic yarns .....	3,056,204	590,589	3,922,903	3,097,127	622,040	3,801,619
All other blankets <sup>1</sup> .....	1,956,218 <sup>f</sup>	1,029,377 <sup>f</sup>	2,908,318 <sup>f</sup>	2,021,234	1,160,572	3,027,367
	number			number		
Slumber throws .....	115,440		553,026	8,231		70,055
Auto rugs .....	46,289		228,931	28,332		128,629
Total shipments .....	—		9,800,931 <sup>f</sup>	—		9,479,698

<sup>1</sup> Crib blankets, all types; and all other household blankets except these of pure cotton.

**TABLE 5B. Factory Shipments of Wool Woven Fabrics in All Industries, 1958 and 1959**

	1958		1959 <sup>P</sup>	
	Quantity	Selling value at factory	Quantity	Selling value at factory
	square yards	\$	square yards	\$
Suitings, dressgoods, overcoatings and cloakings: <sup>1</sup>				
All wool, woollen .....	9,068,471	13,710,861	11,907,454	15,231,910
All wool, worsted .....	6,565,912	13,003,870	9,537,153	17,663,423
Woollen and worsted mixed .....	409,520	580,433	569,728	882,292
Cotton warp, woollen .....				
Woollen and rayon mixtures .....	7,462,147	8,152,355	6,226,075	6,418,456
Woollen and nylon mixtures .....	1,562,441	2,340,187	1,378,899	2,042,040
Other wool mixtures .....	1,524,243	2,306,786	1,085,851	1,851,315
<b>Total shipments</b> .....	<b>26,592,734</b>	<b>40,094,492</b>	<b>30,707,160</b>	<b>44,089,436</b>

<sup>1</sup> For a more detailed breakdown of these items, see Table 7.

**TABLE 6. Total Yarn Spun in 1959 Whether Produced for Own Use, for Sale or on Commission**

	Worsted, oil	Worsted, dry	Woollen	Cotton	Spun rayon and mixtures	Other
	pounds					
Carpet weaving .....	946	—	3,091,759	—	37,809	—
Other weaving .....	5,478,343	100,000	15,520,809	30,000	83,362	7,203
Machine knitting .....	3,131,690	1,502,554	4,131,026	1,383,184	—	816,838
Hand knitting .....	884,384	—	319,962	—	2,693	49,868
Other .....	1,302	—	805,120	74,827	—	93,000
<b>Totals .....</b>	<b>9,496,663</b>	<b>1,602,554</b>	<b>23,868,676</b>	<b>1,488,011</b>	<b>123,864</b>	<b>966,909</b>

**TABLE 7. Supplementary Breakdown of Wool Woven Fabrics, in All Industries, 1958 and 1959**

[illegible]

TABLE 8. Materials Used in the Wool Textile Group, 1958 and 1959

Principal materials	1958		1959	
	Quantity	Cost value at factory	Quantity	Cost value at factory
		\$		\$
<b>Fibres:</b>				
Cotton, raw .....	lb. 2,063,087	703,597	2,232,472	714,495
Cotton, waste .....	" 5,935,564	665,926	5,709,405	627,705
Rayon tops .....	" 276,254	144,156	359,670	179,561
Rayon staple fibre and rayon waste .....	" 3,066,336	851,937	3,557,410	949,272
Nylon .....	" 1,442,583	1,670,910	1,560,837	1,683,526
Other .....	" 2,401,396	3,024,079	2,194,965	2,841,888
<b>Wool:<sup>1</sup></b>				
Canadian grown (clean):				
Finer than 60's .....	" 199,072	197,225	208,766	177,732
60's .....	" 385,599	350,217	413,647	385,570
58's .....	" 884,017	740,942	1,235,087	919,642
56's .....	" 347,947	265,256	317,276	234,102
Coarser than 56's .....	" 1,906,962	1,381,703	1,238,920	945,297
Imported (clean):				
Finer than 60's .....	" 1,277,911	1,088,336	2,905,932	2,255,971
60's .....	" 1,604,335	1,357,067	1,292,993	1,161,363
58's .....	" 934,673	851,827	2,261,646	1,777,136
56's .....	" 335,207	297,687	446,075	356,705
Coarser than 56's .....	" 6,783,652	5,091,355	7,451,712	4,618,046
<b>Wool noils:</b>				
Merino (60's or finer) .....	" 155,894	127,157	657,277	658,471
Crossbred (coarser than 60's) .....	" 85,663	53,917	71,972	47,013
<b>Wool tops:</b>				
Merino (60's or finer) .....	" 5,002,377	6,626,971	5,292,669	6,340,956
Crossbred (coarser than 60's) .....	" 1,865,095	2,017,008	2,452,714	2,167,161
Dry or French .....	" 1,000,064	1,454,092	820,897	994,161
Broken or cut .....	" 437,001	609,310	407,426	454,955
Re-worked or re-processed, wool or part wool .....	" 2,941,385	905,635	2,837,847	727,061
Waste, wool or part wool .....	" 8,150,389	1,501,268	6,134,500	1,059,705
Alpaca, vicuna, camel and other animal hair .....	" 2,039,290	441,542	2,665,992	508,015
Rags, clippings, etc. ....	" 21,312,358	2,625,188	21,103,401	2,804,272
Other raw stock .....	" —	203,890	—	282,896
<b>Yarns:</b>				
Cotton .....	lb. 1,618,608	1,224,759	2,003,503	1,645,053
Mercerized cotton .....	" 4,888	7,338	3,014	5,304
Cotton and wool blends .....	" 15,000	9,000	—	—
Synthetic .....	" 1,768,371	1,553,218	1,224,815	1,292,920
<b>Worsted (combed), oil spun:</b>				
Merino (60's or finer) .....	" 984,545	1,981,018	1,813,382	3,572,096
Crossbred (coarser than 60's) .....	" 121,492	344,421	94,442	147,918
Blends .....	" 125,390	209,761	190,269	426,293
<b>Worsted (combed), dry spun:</b>				
All wool .....	" 458,240	1,040,438	622,200	1,258,773
Blends .....	" 268,758	309,113	247,273	235,615
<b>Carded or woollen spun</b> .....	" 30,362	42,222	14,775	17,796
Mohair .....	" 41,076	96,635	—	—
Other animal hair .....	" 38,361	90,508	4,971	12,638
Jute or hemp .....	" 9,550	2,630	—	—
All other .....	" —	2,089,488	—	2,364,293
<b>Fabrics:</b>				
Burlap .....	yd. 2,021,955	170,938	2,644,551	216,210
All other .....	" —	115,884	—	433,819
Threads, all kinds .....	" —	7,983	—	18,637
Sheep skins .....	No. 543,233	764,154	550,491	756,290
Ribbons .....	" —	117,673	—	80,266
Cords, trimmings, etc. ....	" —	1,460	—	300
Dyestuffs, chemicals, etc. ....	" —	2,189,004	—	2,711,348
Soaps .....	lb. 564,555	175,302	507,865	113,080
Oils .....	" —	238,441	—	229,906
All other materials and supplies <sup>2</sup> .....	" —	3,160,247	—	4,733,397 <sup>3</sup>
Processing and finishing by other mills .....	" —	2,641,551	—	3,608,849
Packing and shipping materials .....	" —	773,765	—	800,018
<b>Total cost of materials used</b> .....	" —	<b>54,605,149</b>	—	<b>60,533,496</b>

<sup>1</sup> Canadian and imported wool may be classified as follows for the year 1959:

Clean pounds equivalents	Greasy	Scoured or carbonized	Pulled or slipped
Canadian grown .....	663,041	2,522,645	228,010
Imported .....	5,218,565	8,631,953	507,840

<sup>2</sup> Includes operating, maintenance and repair supplies.<sup>3</sup> Detail shown relates only to firms with value of shipments of \$200,000 and over in the Wool Yarn Industry and \$500,000 and over in the Wool Cloth and Miscellaneous Wool Goods Industries. The total estimated value of materials used by the small firms was \$879,412, and this amount has been included in "All other materials and supplies".

TABLE 9. Production<sup>1</sup> of Woollen Cloth, Worsted Cloth and Wool Blankets in All Industries, 1939-59

	Woollen cloth, all wool		Woollen cloth, worsted		Wool blankets	
	yd.	\$	yd.	\$	lb.	\$
1939 .....	8,053,461	8,860,805	3,601,576	5,377,804	2,532,834	1,835,125
1940 .....	9,755,917	15,043,867	4,048,280	7,067,405	5,816,809	5,380,361
1941 .....	10,781,808	15,408,734	4,301,928	7,773,791	4,997,343	4,833,032
1942 .....	9,824,568	18,072,217	4,996,756	9,423,440	5,430,267	5,442,000
1943 .....	10,723,676	18,030,694	3,434,219	6,655,062	5,238,064	5,309,477
1944 .....	11,652,411	17,464,143	4,432,249	8,417,979	3,792,255	4,105,340
1945 .....	13,094,331	19,946,310	4,448,310	8,725,213	4,968,895	5,361,147
1946 .....	16,213,725	28,092,553	5,732,394	12,571,828	3,513,748	4,104,232
1947 .....	16,957,615	32,021,541	5,696,485	16,107,195	3,150,947	4,295,912
1948 .....	15,693,559	31,740,906	5,633,763	21,763,536	3,237,511	4,122,284
1949 .....	13,909,562	28,553,635	5,776,156	22,352,885	2,769,944	3,807,898
1950 .....	11,557,682	24,184,800	6,285,172	24,813,228	2,871,643	4,292,429
1951 <sup>2</sup> .....	14,802,969	31,136,158	7,441,048	22,395,334	4,617,018	8,711,825
1952 <sup>2</sup> .....	14,793,984	27,093,964	5,433,309	15,066,679	3,921,035	7,639,775
1953 <sup>2</sup> .....	14,931,172	22,560,776	7,740,474	18,140,117	2,003,080	3,722,842
1954 <sup>2</sup> .....	12,495,852	19,277,494	6,499,491	14,677,821	1,804,101	3,729,567
1955 <sup>2</sup> .....	17,365,592	21,822,283	8,145,217	17,310,703	1,766,018	3,231,527
1956 <sup>2</sup> .....	14,166,626	21,069,385	7,285,966	15,220,354	1,796,872	3,513,495
1957 <sup>2</sup> .....	12,051,663	18,257,409	7,055,975	15,652,450	1,792,979	3,149,195
1958 <sup>2</sup> .....	9,068,471	13,710,861	6,565,912	13,003,870	1,144,283	2,188,638
1959 <sup>2</sup> .....	11,907,454	15,231,910	9,537,153	17,663,423	1,294,590	2,452,028

<sup>1</sup> Beginning with 1953 factory shipments were collected instead of production.<sup>2</sup> Since 1951, items woollen cloth and worsted cloth are in square yards.

TABLE 10. Imports of Raw Wool, Yarns and Warps, Piece Goods, etc. (not including Wearing Apparel)

Calendar years 1958 and 1959

	1958		1959	
	Quantity	Value	Quantity	Value
		\$		\$
Raw and unmanufactured:				
Wool, in the grease .....	lb.	5,732,594	6,313,110	3,402,673
Wool, washed or scoured .....	"	8,788,395	11,707,823	7,586,597
Wool, pulled or slipped .....	"	489,245	515,738	298,997
Hair of the camel, alpaca, goat or other animal hair, n.o.p. ....	"	215,347	221,164	376,739
Noils (wool or hair) .....	"	793,801	931,328	540,086
Wool tops, dry combed .....	"	2,279,297	3,242,705	3,797,884
Wool tops, oil combed .....	"	7,633,239	8,586,094	9,407,287
Garnetted wool waste in the white, for woollen goods .....	"	147,112	140,989	144,559
Yarns and warps:				
Woollen spun yarn .....	"	505,079	402,584	593,782
Worsted spun yarn .....	"	896,301	1,428,757	2,587,719
Yarns and warps, wholly of wool, or in part of wool or hair, for woven fabrics not exceeding six ounces to the square yard when in the gray .....	"	352,341	713,982	1,250,145
Yarns and warps, wholly of hair, or of hair and any vegetable fibre, or synthetic fibre, imported by manufacturers .....	"	379,769	312,362	341,393
Yarn, mohair or alpaca, for cut pile fabrics for upholstering .....	"	24,325	33,559	63,965
Piece goods:				
Woven fabrics, of wool or hair, weighing over four ounces, and not over six ounces, to the square yard, in the gray, to be finished in Canada .....	"	198,880	85,147	138,865
Woven fabrics, of wool or hair, not exceeding in weight four ounces to the square yard, in the gray, to be finished in Canada .....	"	291,916	253,308	671,824
Knitted fabrics, wholly or in part of wool, n.o.p. ....	"	145,011	140,189	429,201



**TABLE 10. Imports of Raw Wool, Yarns and Warps, Piece Goods, etc. (not including Wearing Apparel) — Concluded**  
Calendar years 1958 and 1959

	1958		1959	
	Quantity	Value	Quantity	Value
		\$		\$
<b>Piece goods—Concluded:</b>				
Flannels .....	lb. 1,169,775	2,722,237	1,313,007	3,076,834
Felt cloth, n.o.p. ....	" 971	1,904	—	—
Overcoatings .....	" 1,981,432	4,165,153	2,099,247	4,144,711
Tweeds .....	" 2,019,554	3,325,741	1,865,282	3,595,561
Worsted and serges .....	" 6,549,749	22,342,137	6,745,148	21,690,911
Woven fabrics, wholly or in part of yarns of wool or hair, n.o.p. ....	" 673,622	1,405,524	860,467	1,715,623
Woven or braided fabrics not exceeding 12 inches in width, wholly or in part of wool or hair .....	" 4,292	26,682	2,934	14,238
Woven fabrics with cut pile, wholly or in part of yarns of wool or hair, n.o.p. (plush) .....	" 11,944	31,943	17,328	39,223
Woven fabrics, composed wholly or in part of yarns of wool or hair, commonly known as billiard cloth .....	" 36,704	137,557	41,159	150,762
<b>Manufactures, n.o.p.:</b>				
Belting of camels' hair .....	" 1,505	3,354	—	—
Blankets, n.o.p. not to include automobile rugs, steamer rugs nor similar articles .....	" 432,959	615,207	530,864	782,495
Felt, pressed, in the web; and felt, splint, for medical purposes .....	" 65,202	97,378	77,012	118,184
Rugs, railway, steamer, travelling, lounge, automobile .....	" 373,896	315,461	288,623	229,156
<b>Total imports .....</b>	<b>—</b>	<b>63,021,189</b>	<b>—</b>	<b>67,189,414</b>

**TABLE 11. Exports of Raw Wool, Fabrics, etc. (not including Wearing Apparel)**  
Calendar years 1958 and 1959

	1958		1959	
	Quantity	Value	Quantity	Value
		\$		\$
Wool, in the grease .....	lb. 3,442,782	1,459,511	4,118,007	1,700,332
Wool, scoured or washed .....	" 206,689	111,302	232,247	144,267
Wool, pulled or slipped .....	" 45,249	35,060	199,973	116,792
Wool noils .....	" 68,168	38,952	93,847	59,087
Wool rags and waste .....	cwt. 50,674	1,141,454	89,846	1,638,764
Wool fabrics .....	yd. 9,480	42,687	29,799	81,657
Wool blankets .....	—	16,070	—	13,421
Wool manufactures n.o.p. ....	—	3,776	—	6,387
Wool yarn .....	lb. 37,765	74,428	66,239	128,477
<b>Total exports .....</b>	<b>—</b>	<b>2,923,240</b>	<b>—</b>	<b>3,760,707</b>

TABLE 12. Employees and Their Earnings, by Provinces, 1958 and 1959

	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1958								
Atlantic provinces .....	24	12	77	91	204	106,858	266,282	373,140
Quebec .....	390	162	2,355	826	3,733	2,603,128	8,565,234	11,168,362
Ontario .....	486	266	2,607	1,883	5,242	3,536,960	11,828,619	15,365,579
Prairie provinces .....	31	9	63	104	207	150,398	411,320	561,718
British Columbia .....								
Canada .....	931	449	5,102	2,904	9,386	6,397,344	21,071,455	27,468,799
1959								
Atlantic provinces .....	25	15	76	92	208	115,461	295,837	411,298
Quebec .....	361	161	2,596	933	4,051	2,691,908	9,942,647	12,634,555
Ontario .....	428	255	2,667	2,026	5,376	3,469,298	12,714,278	16,183,576
British Columbia .....	24	8	60	115	207	155,465	495,926	651,391
Canada .....	838	439	5,399	3,166	9,842	6,432,132	23,448,688	29,880,820

TABLE 13. Production Workers, by Months, 1959

	Establishments reporting monthly detail <sup>1</sup>		Establishments reporting quarterly detail <sup>2</sup>	
	Male	Female	Male	Female
January .....	4,422	2,674		
February .....	4,432	2,631		
March .....	4,441	2,587	501	233
April .....	4,564	2,594		
May .....	4,749	2,706		
June .....	4,875	2,788	527	234
July .....	4,810	2,804		
August .....	4,987	3,000		
September .....	4,957	3,024	552	241
October .....	4,838	3,078		
November .....	4,731	3,022		
December .....	4,761	2,904	540	219
Average for establishments reporting monthly detail .....			4,717	2,820
Average for establishments reporting quarterly detail .....			530	236
Average estimated for small establishments <sup>3</sup> .....			152	110
Average for all establishments .....			5,399	3,166

<sup>1</sup> The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$200,000 and over in the Wool Yarn Industry, and \$500,000 and over in the Wool Cloth and Miscellaneous Wool Goods Industries.

<sup>2</sup> The number of production workers, by quarters, was collected only for establishments generally reporting value of shipments between \$100,000 and \$500,000 in the Wool Cloth and Miscellaneous Wool Goods Industries.

<sup>3</sup> For establishments generally reporting value of shipments of less than \$100,000, in the Wool Cloth and Miscellaneous Wool Goods Industries, and \$200,000 in the Wool Yarn Industry, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.

TABLE 14. Capital, Repair and Maintenance Expenditures, 1946-59

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										
Wool cloth .....	1946	896	1,375	2,271	1,758	—	1,758	2,654	1,375	4,029
	1947	1,172	3,022	4,194	347	1,777	2,124	1,519	4,799	6,318
	1948	697	3,347	4,044	411	2,022	2,433	1,108	5,369	6,477
	1949	487	2,339	2,826	278	1,902	2,180	765	4,241	5,006
	1950	509	872	1,381	267	1,611	1,878	776	2,483	3,259
	1951	165	1,379	1,544	441	1,752	2,193	606	3,131	3,733
	1952	227	1,142	1,369	348	1,422	1,770	575	2,564	3,139
	1953	143	1,709	1,852	276	1,436	1,712	419	3,145	3,564
	1954	..	..	656	136	988	1,124	230	1,550	1,780
	1955	..	..	1,021	148	1,317	1,465	211	2,275	2,486
	1956	..	..	1,249	..	..	1,582	257	2,574	2,831
	1957	165	1,028	1,193	198	1,253	1,451	363	2,281	2,644
	1958	175	309	484	109	906	1,015	284	1,215	1,499
	1959 <sup>P</sup>	146	847	993	226	956	1,182	372	1,803	2,175
Wool yarn .....	1946	386	1,471	1,857	626	—	626	1,012	1,471	2,483
	1947	433	746	1,179	162	501	663	595	1,247	1,842
	1948	392	1,130	1,522	193	547	740	585	1,677	2,262
	1949	164	1,044	1,208	102	440	542	266	1,484	1,750
	1950	..	..	921	152	492	644	246	1,319	1,565
	1951	..	..	727	189	502	691	232	1,186	1,418
	1952	..	..	332	100	372	472	119	685	804
	1953	..	..	666	..	..	528	132	1,062	1,194
	1954	..	..	268	..	..	351	..	..	619
	1955	..	..	355	..	..	389	..	..	744
	1956	..	..	443	..	..	520	..	..	963
	1957	..	..	793	..	..	498	133	1,158	1,291
	1958	..	..	403	..	..	373	..	..	776
	1959 <sup>P</sup>	..	..	365	..	..	436	..	..	801
Wool goods, n.e.s. ....	1946	158	236	394	433	—	433	591	236	827
	1947	..	..	570	125	298	423	172	821	993
	1948	..	..	669	239	337	576	315	930	1,245
	1949	..	..	436	250	340	590	347	679	1,026
	1950	..	..	503	159	440	599	237	865	1,102
	1951	438	524	962	..	..	476	530	908	1,438
	1952	563	406	969	110	355	465	673	761	1,434
	1953	136	550	686	..	..	482	209	959	1,168
	1954	156	360	516	138	389	507	294	729	1,023
	1955	650	309	959	..	..	491	724	726	1,450
	1956	254	717	971	112	383	495	366	1,100	1,466
	1957	..	..	541	..	..	510	..	..	1,051
	1958	109	465	574	..	..	436	..	..	1,010
	1959 <sup>P</sup>	120	449	569	..	..	475	..	..	1,044
Total wool group <sup>1</sup> .....	1946	1,515	3,109	4,624	3,046	—	3,046	4,561	3,109	7,670
	1947	1,754	4,435	6,189	747	2,749	3,496	2,501	7,184	9,685
	1948	1,231	5,357	8,588	932	3,152	4,084	2,163	8,509	10,672
	1949	961	4,114	5,075	726	2,991	3,717	1,687	7,105	8,792
	1950	814	2,468	3,282	660	2,871	3,531	1,474	5,339	6,813
	1951	703	2,824	3,527	788	2,899	3,687	1,491	5,723	7,214
	1952	819	2,072	2,891	614	2,350	2,964	1,433	4,422	5,855
	1953	763	3,276	4,039	462	2,592	3,054	1,225	5,868	7,093
	1954	263	1,418	1,681	400	1,864	2,264	663	3,282	3,945
	1955	722	1,613	2,335	294	2,051	2,345	1,016	3,664	4,680
	1956	350	2,313	2,663	343	2,254	2,597	693	4,567	5,260
	1957	224	2,303	2,527	354	2,105	2,459	578	4,408	4,986
	1958	..	..	1,461	..	..	1,824	..	..	3,285
	1959 <sup>P</sup>	..	..	1,927	..	..	2,093	..	..	4,020

<sup>1</sup> Prior to 1955, figures for the carpet, mat and rug industry are included.



TABLE 15. Mechanical Equipment in the Wool Textile Industries, 1959

	Wool cloth	Wool yarn	Wool goods n.e.s.
	number		
<b>Sets of cards:</b>			
Rag pickers .....	35	13	81
Garnetts .....	6	7	54
Shoddy .....	9	4	14
Worsted .....	—	—	—
Woollen-tape condenser .....	115	31	49
Woollen-ring doffer .....	37	55	2
Cotton .....	12	56	—
<b>Width of cards:</b>			
40 inches and under .....	45	69	81
41 inches to 49 inches .....	36	33	7
50 inches to 59 inches .....	2	7	2
60 inches .....	103	53	87
Over 60 inches .....	28	4	23
<b>Spindles:</b>			
<b>Mules spinning:</b>			
Woollen .....	17,878	18,569	1,174
Worsted—Oil .....	—	—	—
Dry .....	—	—	—
Cotton .....	—	—	—
<b>Ring spinning:</b>			
Woollen .....	21,144	4,086	6,171
Worsted—Oil .....	18,696	20,672	—
Dry .....	2,040	10,680	—
Cotton .....	1,976	8,088	—
<b>Cap spinning:</b>			
Woollen .....	—	—	—
Worsted—Oil .....	6,120	10,918	—
Dry .....	—	—	—
Cotton .....	—	—	—
<b>Flyer spinning:</b>			
Woollen .....	—	—	24
Worsted—Oil .....	1,000	5,048	—
Dry .....	276	324	—
Cotton .....	—	—	—
<b>Number of frames:</b>			
Woollen .....	217	31	48
Worsted—Oil .....	127	194	—
Dry .....	10	49	—
Cotton .....	—	39	—
<b>Doubling and twisting spindles .....</b>	<b>16,519</b>	<b>16,645</b>	<b>232</b>
<b>Looms:</b>			
<b>Carpet:</b>			
Up to 50 inches reed space .....	—	—	—
51 inches to 70 inches reed space .....	—	—	—
71 " to 83 " " " .....	2	—	—
84 " to 95 " " " .....	—	—	—
96 " and over " " .....	—	—	7
<b>Plush:</b>			
Up to 50 inches reed space .....	—	—	—
51 inches to 70 inches reed space .....	70	—	—
71 " to 83 " " " .....	—	—	—
84 " to 95 " " " .....	—	—	—
96 " and over " " .....	—	—	—
<b>Flat, manual 4 x 4:</b>			
Up to 50 inches reed space .....	30	—	—
51 inches to 70 inches reed space .....	—	—	—
71 " to 83 " " " .....	73	—	—
84 " to 95 " " " .....	74	11	—
96 " and over " " .....	34	15	—
<b>Flat, manual, other:</b>			
Up to 50 inches reed space .....	—	—	—
51 inches to 70 inches reed space .....	—	—	—
71 " to 83 " " " .....	—	—	1
84 " to 95 " " " .....	—	—	1
96 " and over " " .....	—	—	29
<b>Flat, automatic, 4 x 1:</b>			
Up to 50 inches reed space .....	—	—	—
51 inches to 70 inches reed space .....	60	—	—
71 " to 83 " " " .....	540	51	—
84 " to 95 " " " .....	344	—	54
96 " and over " " .....	45	—	56

TABLE 15. Mechanical Equipment in the Wool Textile Industries, 1959 - Concluded

	Wool cloth	Wool yarn	Wool goods n.e.s.
	number		
Looms—Concluded			
Flat, automatic, other:			
Up to 50 inches reed space .....	82	—	—
51 inches to 70 inches reed space .....	16	—	—
71 " to 83 " " " .....	98	—	—
84 " to 95 " " " .....	138	—	—
96 " and over " " .....	—	—	9
Flat, hand:			
Up to 50 inches reed space .....	8	—	—
51 inches to 70 inches reed space .....	69	—	—
71 " to 83 " " " .....	—	—	—
84 " to 95 " " " .....	8	—	—
96 " and over " " .....	—	—	76
Wool combs—noble .....	6	3	—
Wool combs—other .....	1	1	—
Scouring machines .....	14	3	2
Raw stock carbonising machines .....	6	—	2

TABLE 16. Fuel and Electricity, 1959

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: <sup>1</sup>		
Bituminous coal:		
(a) From Canadian mines .....	ton 4,181	56,778
(b) Imported .....	" 40,539	511,029
Coke .....	" 1	28
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal. 91,075	36,433
Fuel oil including kerosene or coal oil .....	" 3,585,739	342,546
Gas:		
(a) Liquefied petroleum gases .....	" 137,912	21,326
(b) Other manufactured gas .....	Mcf. 6,304	7,771
(c) Natural gas .....	" 107,218	28,167
Electricity purchased .....	kwh. 87,884,949	706,628
Steam purchased .....	pound 14,284,945	28,131
2. Establishments reporting group detail: <sup>2</sup>		
Cost of fuel .....	...	136,762
Cost of electricity .....	...	111,778
3. Estimate for establishments for which no data were collected: <sup>3</sup>		
Cost of fuel and electricity .....	...	87,451
4. All establishments:		
Total cost of fuel and electricity .....	...	2,074,828

<sup>1</sup> Establishments generally reporting value of shipments of \$200,000 and over in the Wool Yarn Industry and \$500,000 and over in the Wool Cloth and Miscellaneous Wool Goods Industries.

<sup>2</sup> Establishments generally reporting value of shipments between \$100,000 and \$500,000 in the Wool Cloth and Miscellaneous Wool Goods Industries.

<sup>3</sup> Establishments generally reporting value of shipments less than \$100,000 in the Wool Cloth and Miscellaneous Wool Goods Industries and \$200,000 in the Wool Yarn Industry.

## SECTION II

## The Wool Cloth Industry, 1959

Factory shipments amounting to \$47,684,919 f.o.b. plant were reported by the wool cloth industry in 1959. This total was 7.8 per cent above the \$44,230,042 worth of shipments reported the previous year. The value of production, estimated from the value of shipments by adjusting for changes during the year in plant inventories of goods in process and finished goods, rose from \$44,125,912 in 1958 to \$48,943,085 in 1959, an increase of 10.9 per cent. The number of employees increased slightly from 4,658 in 1958 to 4,843 in 1959. Salaries and wages also were somewhat higher, \$14,151,409 in 1959 as against \$13,146,470 in 1958. Materials used in manufacture cost \$26,087,518, 11.9 percent above the 1958 total of \$23,316,201.

There were 55 establishments in the industry in 1959, the same number as in the previous year. Quebec, with 24 establishments, accounted for 51 per cent of the value of factory shipments and for 49 per cent of employment; while Ontario, with 19 establishments, accounted for approximately 43 per cent of each of these two items. The remaining enterprises were located as follows: Newfoundland 1, Nova Scotia 1, New Brunswick 6, and British Columbia 4.

The higher level of activity in the wool cloth industry for 1959, as opposed to 1958, was reflected

in increased shipments of the main commodities. Deliveries of all wool, woollen apparel fabrics amounted to 10,311,402 square yards valued at \$12,706,767 compared to 7,723,618 square yards valued at \$11,380,255 in 1958. All wool worsted apparel fabrics were shipped in the amount of 6,599,490 square yards worth \$12,724,882 as against shipments in 1958 of 4,525,912 square yards worth \$10,112,870. Total shipments of woven and worsted apparel fabrics, wool or containing wool, amounted to 23,710,082 square yards valued at \$33,937,590 in 1959 compared to 20,033,333 square yards valued at \$31,437,183 in 1958. In the new Table 5B are given the shipments of woven wool fabrics by all industries.

The industry's consumption of raw wool (clean basis) amounted to 8,144,921 pounds costing \$6,046,366 compared to 7,158,069 pounds costing \$5,595,227 in 1958. Tops of wool used totalled 2,896,040 pounds worth \$3,470,633 in 1959, and worsted yarn usage amounted to 2,120,821 pounds valued at \$3,805,655.

For details of products shipped and materials used as a whole in the wool textiles industry, reference should be made to Tables 5 and 8 of this report.

TABLE 17. Principal Statistics, Representative Years, 1929-59

Year and province	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>
	number				dollars		
1929 .....	44	4,145	3,924,304	367,888	9,231,712	6,641,594	16,241,194
1932 .....	55	4,990	4,165,731	442,132	6,311,800	6,373,864	13,127,796
1935 .....	65	6,305	5,108,603	598,399	10,342,336	8,402,570	19,343,305
1937 .....	57	6,498	5,570,225	588,731	13,938,282	9,199,482	23,726,495
1938 .....	59	5,624	4,842,453	531,193	9,511,647	7,009,989	17,052,829
1939 .....	63	5,986	5,486,944	602,682	11,910,253	9,365,524	21,878,459
1940 .....	66	7,798	8,182,838	769,868	24,313,179	16,768,251	41,851,298
1942 .....	70	8,765	10,795,662	970,584	32,321,183	22,588,487	55,878,254
1944 .....	75	8,361	11,063,424	1,007,676	27,212,376	19,419,427	47,639,479
1945 .....	85	8,876	11,809,767	1,009,597	29,073,496	21,947,279	52,030,372
1947 .....	95	10,189	15,917,448	1,146,493	34,893,119	29,507,756	65,507,368
1948 .....	90	9,895	17,740,261	1,245,659	36,348,351	31,085,112	68,679,122
1949 .....	89	10,036	19,031,918	1,300,451	35,701,320	31,983,486	68,985,257
1950 .....	85	9,159	18,655,626	1,380,383	39,029,349	28,269,911	68,679,643
1951 .....	88	9,407	20,773,185	1,316,374	60,068,359	29,980,765	91,365,498
1952 .....	81	8,152	19,464,534	1,393,579	40,542,112	31,200,946	73,136,637
1953 .....	82	7,785	18,997,252	1,446,807	34,387,199	25,607,230 <sup>2</sup>	61,441,236
1954 .....	74	6,267	15,037,539	1,241,904	28,216,765	20,047,297	49,832,851
1955 .....	70	6,633	16,522,702	1,282,811	32,372,593	24,535,275	58,773,448
1956 .....	71	6,914	17,203,434	1,451,183	31,162,821	25,172,723	57,644,516
1957 .....	63	6,059	16,050,492	1,275,070	29,000,259	21,361,488	53,131,242
1958							
Canada .....	55	4,658	13,146,470	1,094,046	23,318,201	19,715,665	44,230,042
Quebec .....	22	2,145	6,196,525	573,723	11,971,278	10,043,538	22,242,621
Ontario .....	20	2,202	6,185,361	444,068	10,016,168	8,630,393	19,545,991
Other provinces <sup>3</sup> .....	13	311	764,564	76,255	1,328,755	1,041,734	2,441,430
1959							
Canada .....	55	4,843	14,151,409	1,118,909	26,087,518	21,736,858	47,684,919
Quebec .....	24	2,379	7,094,937	584,013	13,713,512	10,947,940	24,450,871
Ontario .....	19	2,153	6,178,765	458,055	11,041,551	9,353,651	20,246,902
Other provinces <sup>4</sup> .....	12	311	877,707	78,841	1,332,455	1,435,067	2,987,146

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

<sup>2</sup> 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".

<sup>3</sup> Comprises Newfoundland, 1 establishment; Nova Scotia, 1 establishment; New Brunswick, 6 establishments; Manitoba, 1 establishment; and British Columbia 4 establishments.

<sup>4</sup> Comprises Newfoundland, 1 establishment; Nova Scotia, 1 establishment; New Brunswick, 6 establishments; and British Columbia, 4 establishments.



TABLE 18. Comparison of Principal Statistics, 1958 and 1959

Items	1958	1959	+Increase -Decrease
Establishments reporting .....	No. 55	55	-
Supervisory and office employees:			
Total .....	667	598	- 89
Male .....	464	403	- 61
Female .....	223	195	- 28
Total salaries .....	\$ 3,030,880	2,852,744	- 178,136
Production workers:			
Monthly average .....	No. 3,971	4,245	+ 274
Male .....	2,541	2,732	+ 191
Female .....	1,430	1,513	+ 83
Total wages .....	\$ 10,115,590	11,298,665	+1,183,075
Cost of fuel and electricity .....	\$ 1,094,046	1,118,909	+ 24,863
Cost of materials used .....	\$ 23,316,201	26,087,518	+2,771,317
Value of factory shipments .....	\$ 44,230,042	47,684,919	+3,454,877

TABLE 19. Inventories,<sup>1</sup> 1959

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening: <sup>2</sup>				
Quebec .....	2,750,594	2,530,219	1,551,404	6,832,217
Ontario .....	2,401,100	1,328,056	1,870,869	5,600,025
Other provinces .....	307,304	307,101	161,567	775,972
Canada .....	5,458,998	4,165,376	3,583,840	13,208,214
Closing:				
Quebec .....	2,644,513	3,127,941	1,748,276	7,520,730
Ontario .....	2,949,106	1,908,611	1,894,669	6,752,386
Other provinces .....	336,501	212,700	115,185	664,386
Canada .....	5,930,120	5,249,252	3,758,130	14,937,502

<sup>1</sup> Book value of all manufacturing inventories held at plant and plant warehouses.<sup>2</sup> The opening inventory for 1959 differs from the closing inventory published for 1958 because of the inclusion of new firms and the removal of figures for firms which did not operate during 1959.

TABLE 20. Employees and their Earnings, by Provinces, 1958 and 1959

	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
1958	number					dollars		
Quebec .....	236	108	1,294	507	2,145	1,487,083	4,709,442	6,196,525
Ontario .....	193	99	1,151	759	2,202	1,348,795	4,836,586	6,185,381
Other provinces <sup>1</sup> .....	35	16	96	164	311	195,002	569,562	764,564
Canada .....	464	223	2,541	1,430	4,658	3,030,880	10,115,590	13,146,470
1959								
Quebec .....	209	103	1,473	594	2,379	1,515,447	5,579,490	7,094,937
Ontario .....	164	75	1,167	747	2,153	1,127,159	5,051,606	6,178,765
Other provinces <sup>2</sup> .....	30	17	92	172	311	210,138	667,569	877,707
Canada .....	403	195	2,732	1,513	4,843	2,852,744	11,298,665	14,151,409

<sup>1</sup> Includes one establishment in Newfoundland, one in Nova Scotia, six in New Brunswick, one in Manitoba, and four in British Columbia.<sup>2</sup> Includes one establishment in Newfoundland, one in Nova Scotia, six in New Brunswick, and four in British Columbia.

TABLE 21. Production Workers, by Months, 1959

	Establishments reporting monthly detail <sup>1</sup>		Establishments reporting quarterly detail <sup>2</sup>	
	Male	Female	Male	Female
January .....	2,217	1,179		
February .....	2,223	1,198		
March .....	2,199	1,187	299	224
April .....	2,284	1,215		
May .....	2,403	1,274		
June .....	2,497	1,285	325	224
July .....	2,453	1,254		
August .....	2,584	1,354		
September .....	2,516	1,322	355	232
October .....	2,414	1,309		
November .....	2,327	1,265		
December .....	2,381	1,228	350	210
Average for establishments reporting monthly detail .....			2,377	1,259
Average for establishments reporting quarterly detail .....			332	227
Average estimated for small establishments <sup>3</sup> .....			23	27
Average for all establishments .....			2,732	1,513

<sup>1</sup> The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$500,000 and over.

<sup>2</sup> The number of production workers, by quarters, was collected only for establishments generally reporting value of shipments between \$100,000 and \$500,000.

<sup>3</sup> For establishments generally reporting value of shipments of less than \$100,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.

### SECTION III

#### The Wool Yarn Industry, 1959

Products having a value f.o.b. plant of \$37,690,083 were shipped from the factories of the wool yarn industry in 1959. This, compared to the 1958 figure of \$31,420,547 represents an increase of \$6,269,536 or 20.0 per cent. A decrease of \$326,196 during the year in the inventories of goods in process and of finished goods places the value of production at \$37,363,887, an amount of \$6,391,573 or 20.6 per cent above the \$30,972,314 production figure reported the year before.

This greater activity, shown by both production and shipments, was reflected in increased employment and payroll outlays. The industry employed 2,753 people in 1958 and 2,949 in 1959. Salaries and wages paid amounted to \$8,246,090 in 1959, \$753,398 or 10.1 per cent above the total 1958 payments of \$7,492,692. The cost of materials used in the year under review was \$21,815,755, compared

to \$19,113,603, an increase of \$2,702,152 or 14.1 per cent.

Establishments numbered 37, one less than the year before. Ontario, with 15 plants, accounted for approximately 70 per cent of both shipments and employment. The remaining mills were located in the following provinces: 15 in Quebec, 2 in Prince Edward Island, 1 in Nova Scotia and 4 in New Brunswick.

The leading material used was wool in its various forms, but considerable quantities of other fibres—cotton, rayon, nylon, etc., were also consumed. Tables showing factory shipments and materials used are not issued separately for this industry. Details of these for the wool textile industries as a whole are to be found in Tables 5 and 8 of this report.

TABLE 22. Principal Statistics, 1929-59

Year and province	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>
	number				dollars		
1929	27	1,825	1,281,074	105,475	3,962,096	2,959,671	7,027,242
1930	26	1,568	1,063,196	117,973	2,924,001	2,283,176	5,089,204
1931	28	1,550	1,122,592	91,624	2,209,645	2,246,480	4,547,749
1932	29	1,755	1,210,169	106,642	2,411,436	2,074,941	4,593,019
1933	33	2,362	1,642,733	161,019	3,834,122	3,121,762	7,116,903
1934	34	2,464	1,700,598	173,018	4,671,476	3,029,220	7,873,714
1935	34	2,626	1,909,168	198,357	4,986,518	3,462,866	8,647,741
1936	34	2,979	2,136,158	222,891	5,924,443	3,953,295	10,100,629
1937	34	2,966	2,430,535	228,620	6,590,796	3,800,825	10,620,241
1938	31	2,625	1,957,600	207,058	5,011,986	3,214,437	8,433,481
1939	33	2,659	2,152,207	218,903	5,344,598	4,012,673	9,576,174
1940	38	3,481	3,167,910	300,826	10,624,128	6,587,460	17,512,414
1941	40	3,707	3,388,944	312,260	11,963,231	6,020,055	18,295,546
1942	41	3,698	3,858,423	310,545	13,156,536	7,737,120	21,204,201
1943	43	3,388	3,761,529	307,836	12,773,403	7,125,410	20,206,649
1944	42	3,391	3,892,137	327,433	12,436,752	7,553,934	20,318,119
1945	44	3,511	4,087,141	352,272	13,566,420	7,442,820	21,361,512
1946	53	4,238	5,093,009	372,473	15,330,348	9,316,484	25,019,305
1947	55	4,816	6,859,561	419,976	17,489,930	12,667,257	30,577,163
1948	58	4,840	8,229,814	488,288	22,801,126	13,460,031	36,749,445
1949	49	3,921	7,251,566	420,324	18,633,070	11,434,453	30,487,847
1950	49	4,235	7,887,318	540,894	27,022,684	12,814,801	40,378,379
1951	53	3,845	8,094,500	535,779	31,391,933	12,790,415	44,718,127
1952	51	3,440	7,863,795	504,881	21,137,627	13,123,193	34,765,701
1953	48	3,585	8,304,524	529,364	22,816,140	12,685,047 <sup>2</sup>	36,030,551
1954	49	2,988	6,962,832	496,258	18,407,241	10,123,963	29,245,524
1955	44	2,937	7,080,950	515,302	19,639,928	11,168,868	31,529,947
1956	41	3,016	7,685,299	501,033	22,115,453	12,673,262	34,468,669
1957	39	3,091	7,822,550	493,671	23,548,281	12,701,563	35,936,789
1958							
Canada	38	2,753	7,492,692	471,538	19,113,603	11,387,173	31,420,547
Prince Edward Island	2	77	110,228	11,334	103,531	196,279	317,515
Nova Scotia	1						
New Brunswick	4						
Quebec	15	721	2,072,052	130,321	5,914,695	2,648,226	8,872,420
Ontario	16	1,955	5,310,412	329,883	13,095,377	8,542,686	22,230,612
1959							
Canada	37	2,949	8,246,090	505,460	21,815,755	15,042,672	37,690,983
Prince Edward Island	2	86	142,397	12,831	145,207	283,885	411,887
Nova Scotia	1						
New Brunswick	4						
Quebec	15	767	2,301,213	135,923	7,111,916	3,991,733	11,118,498
Ontario	15	2,096	5,802,480	356,706	14,558,632	10,787,054	26,159,700

<sup>1</sup> Beginning with 1953 the value of factory shipments has been collected instead of the gross value of production.<sup>2</sup> 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".TABLE 23. Inventories,<sup>1</sup> 1959

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening: <sup>2</sup>				
Quebec	962,566	157,164	597,889	1,717,619
Ontario	1,996,715	1,363,082	1,966,580	5,326,357
Prince Edward Island, Nova Scotia and New Brunswick	75,912	—	86,990	162,902
Canada	3,035,193	1,520,226	2,651,459	7,206,878
Closing:				
Quebec	1,166,905	174,422	701,707	2,043,034
Ontario	2,156,829	1,065,528	1,806,806	5,029,163
Prince Edward Island, Nova Scotia and New Brunswick	77,964	—	97,026	174,990
Canada	3,401,698	1,239,950	2,605,539	7,247,187

<sup>1</sup> Book value of all manufacturing inventories held at plant and plant warehouses.<sup>2</sup> The opening inventory for 1959 differs from the closing inventory published for 1958 because of receipt of revised data and the removal of figures for firms which did not operate during 1959.



TABLE 24. Comparison of Principal Statistics, 1958 and 1959

Items	1958	1959	+Increase -Decrease
Establishments reporting..... No.	38	37	- 1
Supervisory and office employees:			
Total..... "	379	357	- 22
Male..... "	247	218	- 29
Female..... "	132	139	+ 7
Total salaries..... \$	1,536,276	1,608,558	+ 72,282
Production workers:			
Monthly average..... No.	2,374	2,592	+ 218
Male..... "	1,229	1,276	+ 47
Female..... "	1,145	1,316	+ 171
Total wages..... \$	5,956,416	6,637,532	+ 681,116
Cost of fuel and electricity..... \$	471,538	505,460	+ 33,922
Cost of materials used..... \$	19,113,603	21,815,755	+2,702,152
Value of factory shipments..... \$	31,420,547	37,690,083	+6,269,536

TABLE 25. Employees and their Earnings, by Provinces, 1958 and 1959

	Employees					Earnings			
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total	
	Male	Female	Male	Female					
	number					dollars			
1958									
Prince Edward Island.....	}								
Nova Scotia .....		11	5	30	31	77	43,126	87,102	110,226
New Brunswick .....									
Quebec .....		70	26	463	162	721	407,004	1,665,046	2,072,052
Ontario .....		166	101	736	952	1,955	1,086,146	4,224,266	5,310,412
Canada .....		247	132	1,229	1,145	2,753	1,536,276	5,956,416	7,492,692
1959									
Prince Edward Island.....	}								
Nova Scotia .....		12	6	33	35	86	47,643	94,754	142,397
New Brunswick .....									
Quebec .....		71	30	492	174	767	438,044	1,863,169	2,301,213
Ontario .....		135	103	751	1,107	2,096	1,122,871	4,679,609	5,802,480
Canada .....		218	139	1,276	1,316	2,949	1,606,558	6,637,532	8,246,090

TABLE 26. Production Workers, by Months, 1959

	Establishments reporting monthly detail <sup>1</sup>	
	Male	Female
January.....	1,089	1,119
February.....	1,096	1,124
March.....	1,115	1,096
April.....	1,102	1,087
May.....	1,140	1,112
June.....	1,148	1,175
July.....	1,151	1,224
August.....	1,203	1,319
September.....	1,223	1,366
October.....	1,229	1,425
November.....	1,249	1,424
December.....	1,231	1,344
Average for establishments reporting monthly detail.....	1,165	1,233
Average estimated for small establishments <sup>2</sup> .....	111	83
Average for all establishments.....	1,276	1,316

<sup>1</sup> The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$200,000 and over.

<sup>2</sup> For establishments generally reporting value of shipments of less than \$200,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.

## SECTION IV

## The Miscellaneous Wool Goods Industry, 1959

This industry consists of establishments whose principal products have wool as their chief component material, but which cannot properly be classified under other sections of the wool textile industry. The main items in this group of products are papermakers' felts, pressed felts, punched felts, re-worked or processed wool, wool tops and pulled wool.

The total value of factory shipments in the miscellaneous wool goods industry in 1959 was \$29,346,125, up sharply by 10.7 per cent from the previous year's \$26,501,081. The industry's employees numbered 2,050, 3.8 per cent higher than the 1,975 employed in 1958. Salaries and wages at \$7,483,321 were 9.6 per cent greater than the \$6,829,637 paid in 1958. The cost of materials used showed an increase, \$474,878 or 3.9 per cent,

rising from \$12,175,345 in 1958, to \$12,650,223 in 1959.

Shipments of papermakers' felts all types (wool, cotton, asbestos, etc.) by the industry totalled 3,255,254 pounds valued at \$11,229,541 compared to 3,081,539 pounds valued at \$10,344,066 in 1958. Other felts had a selling value of \$6,061,561 in 1959, \$5,262,345 in 1958. The premier material consumed was raw wool of which 4,912,553 pounds (clean basis) costing \$3,147,573 were used compared to 4,116,915 pounds (clean basis) costing \$3,558,612 in 1958. Rags, clippings, etc., used amounted to 17,010,003 pounds worth \$2,046,163 in 1959 as against 14,642,398 pounds worth \$1,352,089 in 1958. For details of products shipped and materials used in the wool textile industries, see Tables 5 and 8 of this report.

TABLE 27. Principal Statistics, Representative Years, 1929-59

Year and province	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>
	number				dollars		
1929 .....	26	1,141	1,178,738	100,976	3,348,836	3,026,796	6,476,608
1932 .....	24	895	887,176	85,443	1,278,677	2,106,754	3,470,874
1935 .....	25	1,152	1,155,404	114,834	2,605,343	2,805,564	5,525,741
1937 .....	30	1,443	1,593,437	135,227	4,903,689	3,469,627	8,408,543
1938 .....	29	1,324	1,345,139	123,357	2,996,141	2,483,589	5,603,087
1939 .....	30	1,420	1,536,023	136,618	4,148,590	3,782,763	8,067,971
1940 .....	31	1,659	1,944,120	175,321	6,881,478	5,476,391	12,533,190
1941 .....	30	1,866	2,261,229	197,715	7,857,306	5,905,605	13,960,626
1942 .....	34	2,055	2,780,000	257,781	10,699,328	7,080,260	18,037,369
1943 .....	35	2,046	3,014,606	280,120	11,126,574	5,893,707	17,300,401
1944 .....	36	2,025	3,128,119	260,230	10,329,914	6,443,939	17,034,083
1945 .....	35	2,097	3,255,031	273,973	9,770,893	6,916,410	16,961,276
1946 .....	35	2,219	3,610,476	299,957	11,091,344	7,789,625	19,180,926
1947 .....	36	2,241	4,154,253	353,112	10,922,536	8,854,733	20,130,381
1948 .....	38	2,314	4,977,777	405,806	14,334,625	10,364,253	25,104,684
1949 .....	43	2,194	5,126,436	392,609	15,798,528	9,280,602	25,471,739
1950 .....	46	2,307	5,680,765	388,734	20,690,734	11,732,880	32,812,348
1951 .....	45	2,347	6,050,042	413,936	26,221,606	13,184,792	39,820,334
1952 .....	39	2,135	6,040,157	369,659	16,757,890	12,478,304	29,605,853
1953 .....	37	2,273	6,556,175	412,382	18,794,880	12,245,778 <sup>2</sup>	31,453,040
1954 .....	39	2,116	6,364,856	400,020	16,099,720	12,583,949	29,356,726
1955 .....	37	2,227	6,873,072	458,247	17,985,902	14,479,223	33,020,133
1956 .....	34	2,205	7,257,383	491,855	19,112,965	15,300,073	34,862,778
1957 .....	33	2,080	6,949,150	470,418	15,418,457	14,879,291	29,916,150
1958							
Canada .....	34	1,975	6,829,637	434,273	12,175,345	13,847,278	26,501,081
Ontario .....	23	1,085	3,869,786	275,677	6,666,689	7,271,649	14,450,889
Quebec .....	7	867	2,899,785	149,065	5,341,462	6,463,859	11,770,391
Other provinces <sup>3</sup> .....	4	23	60,066	9,531	167,194	111,770	279,801
1959							
Canada .....	32	2,050	7,483,321	450,459	12,650,223	16,294,034	29,346,125
Ontario .....	22	1,127	4,202,331	276,320	7,001,085	9,086,089	16,249,559
Quebec .....	7	905	3,238,405	170,012	5,516,418	7,163,621	12,884,249
Other provinces <sup>4</sup> .....	3	18	42,585	4,127	132,720	44,324	212,317

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

<sup>2</sup> 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".

<sup>3</sup> Includes one establishment in Nova Scotia and three in British Columbia.

<sup>4</sup> Includes one establishment in Nova Scotia and two in British Columbia.

TABLE 28. Inventories,<sup>1</sup> 1959

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening: <sup>2</sup>				
Ontario .....	1,931,375	659,450	1,194,704	3,785,529
Quebec .....	2,211,770	787,383	789,149	3,788,302
Other Provinces .....	4,211	—	116,064	120,275
Canada .....	4,147,356	1,446,833	2,099,917	7,694,106
Closing:				
Ontario .....	1,717,516	643,578	1,324,511	3,685,605
Quebec .....	2,180,750	760,261	782,073	3,723,084
Other Provinces .....	15,211	—	84,918	100,129
Canada .....	3,913,477	1,403,839	2,191,502	7,508,818

<sup>1</sup> Book value of all manufacturing inventories held at plant and plant warehouses.<sup>2</sup> The opening inventory for 1959 differs from the closing inventory published for 1958 because of the inclusion of new firms and the removal of figures for firms which did not operate during 1959.

TABLE 29. Comparison of Principal Statistics, 1958 and 1959

Items	1958	1959	+Increase -Decrease
Establishments reporting ..... No.	34	32	- 2
Supervisory and office employees:			
Total .....	314	322	+ 8
Male .....	220	217	- 3
Female .....	94	105	+ 11
Total salaries .....	\$ 1,830,188	\$ 1,970,830	+ 140,642
Production workers:			
Monthly average ..... No.	1,661	1,728	+ 67
Male .....	1,332	1,391	+ 59
Female .....	329	337	+ 8
Total wages .....	\$ 4,999,449	\$ 5,512,491	+ 513,042
Cost of fuel and electricity .....	\$ 434,273	\$ 450,459	+ 16,186
Cost of materials used .....	\$ 12,175,345	\$ 12,650,223	+ 474,878
Value of factory shipments .....	\$ 26,501,081	\$ 29,346,125	+2,845,044

TABLE 30. Employees and their Earnings, by Provinces, 1958 and 1959

	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
1958	number					dollars		
Ontario .....	127	66	720	172	1,085	1,102,019	2,767,767	3,869,786
Quebec .....	84	28	598	157	867	709,041	2,190,744	2,899,785
Other provinces <sup>1</sup> .....	9	—	14	—	23	19,128	40,938	60,066
Canada .....	220	94	1,332	329	1,975	1,830,188	4,999,449	6,829,637
1959								
Ontario .....	129	77	749	172	1,127	1,219,266	2,983,063	4,202,331
Quebec .....	81	28	631	165	905	738,417	2,499,988	3,238,405
Other provinces <sup>2</sup> .....	7	—	11	—	18	13,145	29,440	42,565
Canada .....	217	105	1,391	337	2,050	1,970,830	5,512,491	7,483,321

<sup>1</sup> Includes one establishment in Nova Scotia and three in British Columbia.<sup>2</sup> Includes one establishment in Nova Scotia, and two in British Columbia.



TABLE 31. Production Workers by Months, 1959

	Establishments reporting monthly detail <sup>1</sup>		Establishments reporting quarterly detail <sup>2</sup>	
	Male	Female	Male	Female
January .....	1,116	376		
February .....	1,113	309		
March .....	1,127	304	202	9
April .....	1,178	292		
May .....	1,206	320		
June .....	1,230	328	202	10
July .....	1,206	326		
August .....	1,200	327		
September .....	1,218	336	197	9
October .....	1,195	344		
November .....	1,155	333		
December .....	1,149	332	190	9
Average for establishments reporting monthly detail .....			1,175	328
Average for establishments reporting quarterly detail .....			198	9
Average estimated for small establishments <sup>3</sup> .....			18	—
Average for all establishments .....			1,391	337

<sup>1</sup> The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$500,000 and over.

<sup>2</sup> The number of production workers, by quarters, was collected only for establishments generally reporting value of shipments between \$100,000 and \$500,000.

<sup>3</sup> For establishments generally reporting value of shipments of less than \$100,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.

## APPENDIX

## Directory of Firms in the Wool Textiles Industries, 1959

Name of firm	Location
<b>Firms Engaged in Manufacture of Wool Cloth, 1959</b>	
<b>Newfoundland:</b>	
Riverside Woollen Mills, The .....	MacKinson's C. Bay
<b>Nova Scotia:</b>	
Textile Limited .....	Truro
<b>New Brunswick:</b>	
Charlotte County Cottage Craft .....	St. Andrews
Copp Woollen Mills Ltd. ....	Port Elgin
Humphrey & Son Ltd., J.A. ....	Box 307, Moncton
Loomcrofters, The .....	Gagetown
Madawaska Weavers Ltd. ....	St. Leonard
St. Andrews Woollens .....	St. Andrews
<b>Quebec:</b>	
Canadian Homespun Reg'd .....	2015 Union Ave., Montreal
Chassé & Fils Ltée., Charles .....	Ste-Marie de Beauce
Collins & Aikman of Canada Ltd. ....	Farnham
Cookshire Woollen Mills Ltd. ....	Cookshire
Cross Canada Neckwear Reg'd .....	2101 St. Lawrence Blvd., Montreal
Duval & Raymond Enr. ....	Princeville
Eastern Woollen & Worsted Mills Ltd. ....	Richelieu
Fawcett & Grant Ltd. ....	Huntingdon
Glenox Textiles Reg'd .....	St. Bruno, Guelphes
Huntingdon Woollen Mills Ltd. ....	Huntingdon
La Filature de l'Abitibi Inc. ....	P.O. Box 1270, Amos
La Filature de l'Isle-Verte Ltée .....	Isle-Verte
Le Moulin Blanc Inc. ....	La Guadeloupe
Levasseur, Conrad .....	St-Eleuthère
Little Shop Inc. ....	Pointe-au-Pic
Méthot & Frère Ltée. ....	Cap-St-Ignace
Montrose Worsted Mills Inc. ....	Granby
Paton Manufacturing Co., Ltd. ....	P.O. Box 160, Sherbrooke
Pik Mills Ltd. ....	275 St-Sacrement Ave., Industrial Centre #5, Quebec
Sheard & Co. Ltd. George .....	Coaticook
St. George Woollen Mills Ltd. ....	St-George Co. Beauce
Textile Ste-Anne Ltée .....	Rigaud
Textile Weavers Limited / Textile Sales Ltd. ....	Grand'Mère
Warwick Woollen Mills Co. Ltd. ....	Warwick

## Directory of Firms in the Wool Textiles Industries, 1959 - Continued

Name of firm	Location
<b>Firms Engaged in Manufacture of Wool Cloth, 1959 - Concluded</b>	
<b>Ontario:</b>	
Artex Woollens Ltd.	Hespeler
Barrymore Cloth Co. Ltd.	1179 King St. W., Toronto
Bates & Innes Limited	Carleton Place
Benmiller Woollen Mills	R.R. 4 Goderich
Brook Woollen Co., of Simcoe, Ltd., The	76 Victoria St., Simcoe
Campbellford Cloth Co. Ltd., The	Campbellford
Canada Hair Cloth Ltd.	198 St. Paul St., St. Catharines
Clearview Textiles Ltd.	P.O. Box 759, Hespeler
Collie Woollen Mills Ltd.	Appleton
Dominion Woollens & Worsteds (1959) Ltd.	215 Queen St. W., Hespeler
Downs, Coulter & Co. (Canada) Ltd.	107 Wragge St., Trenton
Fromm Bros. Ltd.	453 Dundas St., Galt
Globe Mills Ltd.	Meaford
Hield Brothers (Canada) Ltd.	Kingston
Lindsay Woollen Mills Ltd.	95 William St. N., Lindsay
Paris Winsey Mills Co. Ltd., The	Mechanic St., Paris
Pattinson & Co. Ltd., Geo.	498 Eagle St., Preston
Rosamond Woollen Co. Ltd.	Almonte
Tayside Textiles Ltd.	Perth
<b>British Columbia:</b>	
Island Weavers Ltd.	816 Esquimalt Rd., Victoria
Spider Looms Limited	5560 Lincoln St., Vancouver
West Coast Woollen Mills Limited	440/520 Clark Drive, Vancouver
Western Canada Weaving Mills Ltd.	78 E. 2nd Ave., Vancouver
<b>Firms Engaged in Manufacture of Wool Yarns, 1959</b>	
<b>Prince Edward Island:</b>	
Condon & Sons, Wm.	85 Queen St., Charlottetown
MacAusland & Sons, F.	Bloomfield
<b>Nova Scotia:</b>	
Barrington Woollen Mill	Barrington
<b>New Brunswick:</b>	
Acadia Woollen Mills	St. Joseph
Brown's Woollen Mills	South Nelson
St. Anthony Woollen Mills Reg'd.	St. Antoine de Kent
Briggs & Little's Woollen Mill	York Mills
<b>Quebec:</b>	
Filature Lemieux	St-Ephrem
Filature Plessis Limitée	Plessisville
Grand'Mère Handcraft Company Limited	Grand'Mère
La Filature de Warwick Cie Ltée	Warwick
La Filature Gaspésienne Enr.	Caplan, Co. Bonaventure
La Filature St-Charles Enr.	St-Charles
Les Textiles du Grand Moulin Inc.	R.R. 2 St-Pascal
Marak Textile Mill & Products	2035 Desjardins St., Montreal
Service de Filature de laine	40, rue Bellerive, Cap-de-la-Madeleine
Penmans Limited	2155 Girouard St., St. Hyacinthe
Rock & Frère Enr.	Nicolet
Spinners Limited	Huntingdon
Toronto Carpet Mfg. Company Limited	320 Taché St., Joliette
Tre-Mont Worsted Mills Ltd.	1950 Sherbrooke St. W., Montreal
Victor Woollen Products Ltd.	St-Victor-de-Tring
<b>Ontario:</b>	
Alton Woollen Mills	Alton
Bancroft Woollen Mills	Bancroft
Brinton-Peterborough Carpet Co. Ltd.	Box 665, Beterborough
Harding Yarns Ltd. (Division of Newlands-Harding)	83 Neeve St., Guelph
Holdroyd Yarns Ltd.	97 Pelham Ave., Toronto
Knitlers Limited	Logie St., Lindsay
Mohawk Mills Limited	Box 119, Station C. Hamilton
Newlands & Co. Limited	Mill St., Galt
North American Worsted Ltd.	2466 Dundas St. W., Toronto
Patons & Baldwins Limited	1001 Roselawn Ave., Toronto 19
Penmans Limited	Willow St., Paris
Penmans Limited	Waterford
Spinrite Yarns & Dyers Ltd.	Listowel
York Knitting Mills Limited (York Spinning Division)	104 Crawford St., Toronto
York Mending Wool Co. Ltd.	10 King St., P.O. Box 126, Galt

## Directory of Firms in the Wool Textiles Industries, 1959 — Concluded

Name of firm	Location
<b>Firms Engaged in Manufacture of Miscellaneous Wool Goods, 1959</b>	
<b>Nova Scotia:</b>	
Colonial Hide Company .....	Windsor
<b>Quebec:</b>	
Albany Felt Co. of Canada Ltd. ....	Cowansville
American Flock Manufacturers .....	11475 Rivest St., Montreal East
Ayers Limited .....	Lachute Mills
Dominion Hair Felt Co. Ltd. ....	131 Collin St., St. John
Lebeau Combing Mills .....	St-Pie
Standard Felt Products Limited .....	705 Bourget St., Montreal
Liberty Wool Stock Co. Ltd. ....	50 Queen St., Montreal
<b>Ontario:</b>	
B.A. Himel & Co. Ltd. ....	1 Wiltshire Ave., Toronto
Blyth Woollen Mills .....	Blyth
Canada Packers Limited (Wool Division) .....	Ft. of Strachan Ave., Toronto
Code Felt & Knitting Co. Ltd., The .....	Perth
Cotton Felts Ltd. ....	257 Niagara St., Toronto
Dominion Rubber Company Limited .....	84 Margaret Ave., Kitchener
Gazer Mill Stock Supplies, Wm. ....	112 Grey St., Brantford
General Wool Stock Company .....	35 Wabash Ave., Toronto
Granatstein & Son Ltd., M. ....	488 Wellington St., W., Toronto
Hands & Company .....	31 St. Patrick St., Toronto
Homuth Sons Limited, Otto .....	358 Eagle St., Preston
Kenwood Mills Limited .....	William St., Arnprior
Lalor & Co. Ltd., John M. ....	610 Eastern Ave., Toronto
Porratts & Spencer (Canada) Ltd. ....	240 Lottridge St., Hamilton
Rumpel Felt Co. Ltd., The .....	60 Victoria St. N., Kitchener
Simcoe Wool Stock Co. Ltd. ....	Jarvis
Simcoe Wool Stock Co. Ltd. ....	Norfolk St. S., Simcoe
Smith Manufacturing Co. Limited .....	25 Clayson Rd., Weston
Wagman & Co. Ltd., E. ....	77 St. Patrick St., Toronto
Wiltshire Wool Stock Ltd. ....	491 Dundas St., Galt
Wiseman Bros. Limited .....	110 West Don Roadway, Toronto
Yorkshire Wool Stock Mill .....	Almonte
<b>British Columbia:</b>	
Birkland Bros. ....	3573 Main St., Vancouver
Bissinger & Co. ....	365 W. 2nd Ave., Vancouver





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