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DEPARTMENT OF TRADE AND COMMERCE
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CENSUS OF INDUSTRY

REPORT
on the
WOOLLEN TEXTILE INDUSTRY
in
CANADA
1927

INCLUDING -

1. Woollen Cloths
2. Woollen Yarns
3. Carpets, Mats and Rugs
4. Woollen Goods, n.e.s.

Published by Authority of the Hon. James Malcolm, M.P.,
Minister of Trade and Commerce

OTTAWA

1929

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NOTE.- The statistics published in the present statement include only the statistics of the principal products of such manufacturing establishments as use Wool as their principal material. Statistics relating to specific products are therefore not to be regarded as comprehensive, as these are also found as secondary products of other industries of the Hosiery and Knit goods etc., etc.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
OTTAWA - CANADA

Dominion Statistician:	R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.
Chief, Census of Industry:	J. C. Macpherson

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1927.

Ottawa, May, 1929. - The annual report of the Woollen Textile Industry in Canada for the calendar year 1927 is herewith presented under the four following heads:

1. Woollen Cloths.
2. Woollen Yarns.
3. Carpets, mats and rugs
4. Woollen Goods, n.e.s.

The following table shows the location by provinces of the number of establishments in each section. Woollen cloth mills increased since last report by 1, woollen yarn mills remained stationery, carpets, mats and rugs increased by 1, and woollen textile mills, n. e. s. decreased by 4.

Provinces	Woollen cloth mills	Woollen yarn mills	Carpets, mats and rugs	Woollen goods, n. e. s. /	All Woollen textile mills.
CANADA	55	17	18	24	114
Nova Scotia	3	1	-	1	5
New Brunswick	2	4	1	1	8
Quebec	10	1	-	4	15
Ontario	40	11	12	17	80
Western Provinces	-	-	5	1	6

/ Woollen goods, n.e.s. includes - wool felts, wool pulled, etc., wool stock (sheddy) wool waste and noils, etc.

Associated Industries

Closely associated with the woollen industry are the hosiery and knit goods and textile, dyeing and finishing industries. Of the former, 159 individual establishments reported during 1927 and 17 in the latter, this statistical information being included with the report on dyeing and laundry work. The total value of production in these two industries in 1927 was \$56,601,959 of which the hosiery industry accounted for \$53,928,107 and the dyeing industry for \$2,673,852.

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some minor discoloration and dark smudges or stains, particularly along the right edge and bottom. The binding edge on the left is visible, showing the stitching or glue of the book's spine.

2.
THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1927.

Size of Establishments

In view of the tendency towards concentration in industrial enterprise, a series of tables has been prepared presenting¹⁷ a threefold way the size of establishments in each of the four sections comprising the woollen goods industry measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed, all within certain specified groups or limitations for the calendar years 1926 and 1927. The tables further indicate the movement of capital production and employment within the industry.

Woollen Cloth Mills, 1927.

In 1926 the number of mills in operation were 54 with a total capital investment of \$20,735,523, a gross value of production of \$15,503,083 and a total employment of 4,675. Twenty-eight establishments had a capital investment of \$20,087,205 or 96.9 per cent of the total capitalization and an average investment per establishment of \$717,400. Eighteen plants had a gross production of \$13,851,607 or 89.3 per cent of the total production and an average output per establishment of \$769,534. In employment 32 establishments had 4,565 persons on the payroll being an average of 143 per establishment and 97.6 per cent of the total employment.

In 1927 the number of mills in operation were 55 with a total capital investment of \$20,170,185 a gross value of production of \$14,318,369 and a total employment of 4,249. Twenty-seven establishments had a capital investment of \$19,598,856 or 97.16 per cent of the total capitalization and an average investment per establishment of \$725,884. Twenty-two plants had a gross production of \$13,569,513 or 94.77 per cent of the total production and an average output per establishment of \$616,796. In employment 21 establishments had 3,832 persons on the payroll being an average of 182.5 per establishment and 90.18 per cent of the total employment.

Woollen Cloth Mills 1926-1927

	1926		1927.	
Employees	Estab-lish-ments	Number of Employees	Estab-lish-ments	Number of Employees
Under 20	22	110	24	117
20 to under 50	10	309	10	300
50 to under 100	9	706	9	638
100 to under 200	7	997	6	867
200 to under 500	5	1,793	5	1,607
500 and over	1	760	1	720
Total	54	4,675	55	4,249
	Estab-lish-ments	Amount	Estab-lish-ments	Amount
		\$		\$
Capital invested				
Under 50,000	20	232,628	24	291,411
50,000 to under 100,000	6	415,690	4	279,918
100,000 to under 200,000	7	1,066,304	7	975,533
200,000 to under 500,000	10	3,380,985	10	3,471,602
500,000 to under 1,000,000	5	3,317,286	4	2,703,788
1,000,000 and over	6	12,322,630	6	12,447,933
Total	54	20,735,523	55	20,170,185
Production				
Under 50,000	23	263,036	28	355,344
50,000 to under 100,000	8	614,671	5	393,512
100,000 to under 200,000	5	768,769	7	1,058,010
200,000 to under 500,000	6	1,709,704	5	1,394,108
500,000 to under 1,000,000	8	5,285,949	6	4,611,275
1,000,000 and over	4	6,855,954	4	6,506,120
Total	54	15,503,083	55	14,318,369

TABLE (1272)

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THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1927.

A summary table showing the principal statistics of each of the four sections comprising the woollen textile industry and a total for all sections is presented herewith for the calendar year 1927 for the Dominion as a whole.

Summary of the Woollen Textile Industry, by Sections, 1927.

Principal Statistics		Woollen cloths	Woollen yarns	Carpets, mats and rugs	Woollen goods n.e.s.	Total Woollen Textile Industries
Establishments	No.	55	17	18	24	114
Capital invested	\$	20,170,185	9,761,057	4,343,572	7,758,050	42,032,864
Employees on salaries-						
Male	No.	234	44	117	84	479
Female	No.	50	20	26	22	118
Salaries	\$	612,880	173,311	339,427	310,330	1,435,948
Employees on wages -						
Average of -						
Male	No.	2,086	714	531	615	3,946
Female	No.	1,879	870	274	392	3,415
Wages	\$	3,092,630	1,117,048	681,021	801,627	5,692,326
Outside piece-workers-						
Male	No.	1	-	-	-	1
Female	No.	7	-	-	-	7
Amount paid	\$	1,143	-	-	-	1,143
Cost of fuel and electricity	\$	376,611	147,242	80,789	103,241	707,883
Power employed -						
Units	No.	732	198	278	270	1,478
Capacity	H.P.	11,850	3,240	2,310	4,014	21,414
Cost of materials	\$	7,991,590	4,455,941	1,692,111	2,939,986	17,079,628
Value of Products	\$	14,318,369	6,944,765	4,015,339	5,934,369	31,212,842
Value added by manufacture	\$	6,326,779	2,488,824	2,323,228	2,994,383	14,133,214

Compared with 1926 there was a net decrease of 2 in the number of establishments reporting, an increase of 4 in the number of male employees on salaries, a decrease of 3 in the number of females on salaries, an increase of 81 in the number of females employees on wages, of \$122,991 in the payments to wage-earners, a decrease of \$57,444 in the cost of fuel and electricity, an increase in the amount paid for salaries of \$66,139, a decrease of 143 in the number of males employed on wages, of 2,550 in horse power installed, a decrease of \$124,952 in the cost of materials, a decrease of \$188,380 in the value of products and an increase in capital investment amounting to \$848,263.

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- 4 -
SECTION I - WOOLLEN CLOTH MILLS

Principal Statistics compared for Canada and the provinces in 1926 and 1927.

A comparison by provinces of the principal statistics in woollen cloth mills for the calendar years 1926 and 1927 is offered in Table 1. The number of mills reporting increased during the period by 1, while the gross value of products decreased by \$1,184,714. In order that disclosure of information of individual establishments may be avoided the statistics of Nova Scotia and New Brunswick have been combined throughout this report.

Table 1. - Principal Statistics of Woollen Cloth Mills, by provinces, 1926.

Principal Statistics		CANADA	Ontario	Quebec	Nova Scotia and New Brunswick.
Establishments	No.	54	41	8	5
Capital invested	\$	20,735,523	17,548,074	2,561,832	625,617
Employees on salaries					
Male	No.	259	217	22	20
Female	No.	55	48	3	4
Salaries	\$	675,749	586,110	63,215	26,424
Employees on wages (avge.No.)					
Male	No.	2,285	1,913	291	81
Female	No.	2,076	1,665	343	68
Wages paid	\$	3,297,545	2,809,717	397,689	90,139
Cost of fuel & electricity	\$	426,502	326,015	83,159	17,328
Power employed -					
Units	No.	647	566	70	11
Capacity	H.P.	12,238	9,196	2,605	437
Cost of materials	\$	8,680,304	7,301,187	1,154,383	224,734
Value of products	\$	15,503,083	13,314,588	1,760,347	428,148
Value added by manufacture	\$	6,822,779	6,013,401	605,964	203,414

Principal Statistics of Woollen Cloth Mills, by provinces, 1927.

Principal Statistics		CANADA	Ontario	Quebec	Nova Scotia and New Brunswick.
Establishments	No.	55	40	10	5
Capital invested	\$	20,170,185	16,923,478	2,605,153	641,554
Employees on salaries -					
Male	No.	234	195	20	19
Female	No.	50	42	3	5
Salaries	\$	612,880	542,432	45,202	25,246
Employees on wages (avge.No.) -					
Male	No.	2,087	1,744	258	85
Female	No.	1,886	1,523	282	81
Wages	\$	3,093,773	2,563,751	431,039	98,983
Cost of fuel and electricity	\$	376,611	290,950	71,115	14,546
Power employed -					
Units	No.	732	652	71	9
Capacity	H.P.	11,850	9,669	1,702	479
Cost of materials	\$	7,991,590	6,738,751	1,031,372	221,467
Value of products	\$	14,318,369	12,073,192	1,827,119	418,058
Value added by manufacture	\$	6,326,779	5,334,441	795,747	196,591

SECTION I.- WOOLLEN CLOTH MILLS.

PRODUCTION.

The production in woollen cloth mills in 1927 is shown for the Dominion in Table 2. There was a decrease in value of production of \$1,184,714 as compared with the previous year. The province of Ontario contributed 84.3 per cent of the total value of production, amounting to \$12,073,192; Quebec contributed \$1,827,119 or 12.8 per cent and the Maritime Provinces \$418,058 or 2.9 per cent.

Table 2.- Production in Woollen Cloth Mills of Canada, 1927.

Classes of Products	All Wool		Union Goods Cotton Mixed	Goods Woven on Cotton Warp		Selling Value at Factory
	Woollen	Worsted		Woollen	Worsted	
	Yards	Yards	Yards	Yards	Yards	\$
Woollen and Worsted Goods -						
Suitings, Dress Goods, Overcoatings and Cloakings	3,921,545	1,628,479	265,863	724,271	82,358	8,002,180
Flannels for underwear	2,651	-	616,161	-	-	186,566
Blankets, all wool, value only						532,915
Blankets, cotton mixed, value only						256,485
Auto cloths						425,536
Carriage cloths and robes						95,198
Horse blankets						73,810
Shawls						39,360
Sweaters, cardigan jackets, etc.						470,928
Knit goods						121,143
Mackinaw cloths						598,990
Velours and plushes						1,113,000
All other woollen and worsted goods not specified above						241,034
Wool and cotton felts for pulp and paper-making						101,540
Woollen yarns						809,187
Worsted yarns						970,649
Cotton yarns						49,272
Hosiery						44,526
All other products						85,767
Custom work						100,283
Total value of products						14,318,369

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SECTION I.- WOOLLEN CLOTH MILLS

Capital Investment.

The amount of capital invested in the woollen cloth section of the industry in 1927 is shown in Table 3 under two heads:- fixed capital which includes land, buildings and fixtures and machinery and tools, and working capital including materials and stocks on hand, finished products, fuel and miscellaneous supplies and cash, trading and operating accounts, etc. Ontario provided 53.9 per cent of the total investment, Quebec 12.9 per cent and the Maritime Provinces 3.2 per cent. Fixed capital decreased by \$209,451 over 1926, while working capital, more variable in character, decreased by \$355,887, making a total decrease of \$565,338.

Table 3.- Capital invested by provinces, 1927.

Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, etc. machinery and tools	Materials and supplies and finished products on hand	Cash, trading and operating accounts, etc.	
CANADA	\$ 11,470,095	\$ 4,485,273	\$ 4,214,817	\$ 20,170,185
Nova Scotia and New Brunswick	352,209	202,534	86,811	641,554
Quebec	1,617,826	642,909	344,418	2,605,153
Ontario	9,500,060	3,639,830	3,783,588	16,923,478

Employment Statistics

Statistics of employment are presented in the following series of tables:-

4. Employees by number, sex and remuneration, by provinces.
5. Employment by months, by numbers and sex.
6. Working time of plants and employees.

The number of persons employed, male and female, is shown by classes, sex and remuneration in Table 4. Total employment fell from 4,689 persons of both sexes in 1926 to 4,257 in 1927, and the total of salaries, wages, etc. from \$3,976,300 in 1926 to \$3,706,653 in 1927, being a decrease of 432 in the number employed and of \$269,647 in the total payroll.

The average number of wage earners employed in any industry is calculated on the actual number of months the mills were in operation and not on a basis of 12 calendar months.

Table 4.- Employees, Salaries and Wages, by provinces, 1927.

Employees by number and sex		CANADA	Ontario	Quebec	Maritime Provinces
Salaried employees -					
Male	No.	234	195	20	19
Female	No.	50	42	3	5
Total Salaries	\$	612,880	542,432	45,202	25,246
Wage-earning employees -					
Male	No.	2,086	1,743	258	85
Female	No.	1,335	1,516	282	81
Total wages	\$	3,092,630	2,562,608	431,039	98,983
Outside piece-workers -					
Male	No.	1	1	-	-
Female	No.	7	7	-	-
Amount paid	\$	1,143	1,143	-	-
Total, all employees -					
Male	No.	2,321	1,939	278	104
Female	No.	1,936	1,565	285	86
Salaries and Wages	\$	3,706,653	3,106,183	476,241	124,229

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SECTION I.- WOOLLEN CLOTH MILLS

Employment Statistics - Contd.

Statistics of employment by months, as per payroll, in the woollen cloth mills of Canada are shown in Table 5, for the calendar year 1927. The maximum of employment was attained in the month of May with a total of 4,104 of both sexes, whilst the month of minimum employment was that of September with a total of 3,703. The average monthly employment for the year was 3,965 of whom 2,086 were males and 1,879 were females.

Table 5.- Employment by Months as per payroll, 1927.

Month	Male No.	Female No.	Month	Male No.	Female No.
January	2,157	1,922	July	1,999	1,795
February	2,181	1,911	August	2,010	1,759
March	2,136	1,834	September	1,955	1,748
April	2,100	1,847	October	1,970	1,772
May	2,195	1,909	November	1,963	1,763
June	2,137	1,897	December	2,001	1,839
Total employment by months				24,804	21,996
Average monthly employment for the year				2,086	1,879

The operating time of plants and employees in the Dominion is shown in Table 6. Plant operation on full and part time shows a loss per plant of 20.31 days as compared with 1926. The hours of labour by employees also show a decrease from 9.4 hours per day in 1926 to 9.38 in 1927, whilst weekly hours also fell from the average of 53.5 in 1926 to 52.2 in 1927.

Table 6.- Working time of plants and employees, 1927.

Number of establishments reporting	55	
	Totals	Averages
Days plants were in operation -		
On full time	12,385	225.18
On part time	941	17.11
Idle	3,394	61.71
Hours worked by wage-earners -		
Per day or shift	516	9.38
Per week	2,871	52.20

Fuel Consumption

The consumption of fuel by this section of the woollen textile industry is shown by classes, quantity and cost value delivered at the mill in Table 7. The principal fuel used was bituminous coal which fell from 43,624 tons in 1926 to 41,279 tons in 1927. The average price of bituminous coal of all grades was \$7.06 in 1926 as against \$6.72 in 1927. Electricity purchased amounted to \$87,491 in 1927 as compared with an outlay of \$106,260 in 1926.

Table 7.- Fuel Consumption by classes, quantity and value, 1927.

Classes of fuel	Unit of measure	Quantity	Cost value delivered at mill
Bituminous coal	ton	41,279	\$ 277,396
Anthracite coal	"	98	1,143
Gasoline	gallon	1,422	389
Wood	cord	1,981	9,381
Coke	ton	30	260
All other fuel	-	-	551
Cost of Fuel	-	-	289,120
Cost of Electricity	-	-	87,491
Total Cost of Fuel and Electricity	-	-	376,611

UNITED STATES DEPARTMENT OF AGRICULTURE

OFFICE OF THE ASSISTANT SECRETARY

WASHINGTON, D. C. 20250

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SECTION I.- WOOLLEN CLOTH MILLS

Power Installation.

Power installation in the woollen cloth mills of the Dominion is shown in Table 8 by (a) classes of power, (b) number of units in each class and (c) the horse power capacity according to manufacturers' rating for the calendar year 1927. Electric motors were still the principal power used, having increased by 89 units and an aggregate of 344 horse power over 1926. Boilers installed for any purpose numbered 63 with a boiler horse power capacity of 6,892.

Table 8.- Power Installation, 1927.

Classes of power	Number of units	H.P. according to manufacturers' rating
Steam engines and turbines	15	2,339
Oil, gas and gasoline engines	3	33
Hydraulic turbines or water wheels	32	1,885
Electric motors operated by purchased power	682	7,593
Total power used in manufacturing	732	11,850
Electric motors operated by owned power	11	577
Total electric motors	693	8,170

Materials Used.

The quantity and the cost value at the factory or mill of the principal materials used in this section during the year are shown in Table 9. The total cost in 1927 was \$7,991,590 or \$688,714 less than the preceding year. Wool constituted 59.2 per cent of the total cost of materials, yarns purchased of all kinds, 21.7 per cent and all other materials 19.1 per cent.

Table 9.- Materials used by principal classes, 1927.

Classes of materials	Unit of Measure	Quantity	Cost Value at mill or factory
			\$
Domestic wools:-			
Fleece or greasy wools	Pounds	2,461,036	751,224
Scoured and washed wools	"	721,240	310,082
Foreign wools:-			
Fleece or greasy wools	"	2,946,999	952,200
Scoured and washed wools	"	2,647,388	1,309,732
Mohair	"	150,309	240,780
Other animal hair	"	45,790	13,070
Cotton, raw	"	491,499	85,424
Silk, raw	"	3,891	14,902
Rags, clippings, etc.	"	1,478,969	198,887
Noils of wool	"	142,526	77,777
Tops of wool	"	1,366,525	983,327
Wool waste	"	1,819,271	346,909
Shoddy	"	425,325	69,146
Silk noils	"	560	3,193
Silk waste	"	104,290	34,303
Yarns of all kinds:-			
Artificial silk	"	22,368	37,816
Cotton	"	686,269	325,468
Cotton, mercerized	"	31,649	17,255
Silk	"	7,134	37,962
Woollen	"	932	209
Worsted	"	1,031,385	1,314,356
Merino	"	2,550	2,652
All other materials	-	-	690,028
Chemicals, dyestuffs, etc.	-	-	156,709
Commission dyeing	-	-	28,179
Total cost of Materials		-	7,991,590

SECTION I.- WOOLLEN CLOTH MILLS

Equipment in Woollen Cloth Mills.

The equipment installed in the mills operating in 1927 consisted of 254 sets of cards of specified widths, the number at each width being indicated below:

Under 40 inches	40 inches	44 inches	48 inches	54 inches	56 inches	60 inches	66 inches	72 inches	Total
11	31	6	90	10	2	80	5	19	254

The number of cylinders to each set of cards is set forth below:

1 Cylinder	2 Cylinders	3 Cylinders	4 Cylinders	5 Cylinders	6 Cylinders	7 Cylinders	Total
19	3	160	50	16	6	-	254

The number of spindles and looms operating in 1927 is summarized in the following tabular statement.

Spindles and looms	Woollen No.	Worsted No.	Cotton No.	Total No.
Mule spinning spindles	79,770	-	1,300	81,070
Frame spinning spindles	1,157	20,596	2,040	23,793
Doubling and twisting spindles	5,438	8,884	400	14,722
Broad looms (50" reed space or over)	1,121	310	-	1,431
Narrow looms (under 50" reed space)	71	2	120	193
Hand looms	4	3	-	7

<u>Other Equipment</u>	<u>Number</u>
Wool combing machines	19
Pickers	75
Garnet machines	11

SECTION I.- WOOLLEN CLOTH MILLS

Imports, Woollen Textiles, 1927.

The quantity and value of the chief imports of woollen textiles for the calendar year 1927 is shown in Table 10 by principal countries. The total value of all imports during the calendar year 1927 amounted to \$46,208,283 of which total, raw materials contributed \$9,928,845, partly manufactured materials \$4,108,837 and wholly manufactured goods accounted for \$32,170,601.

Table 10.- Chief Imports by principal Countries, calendar year 1927.

Articles		Quantity	Value
			\$
Raw Materials -			
Wool, raw	lb.	14,353,784	4,942,807
United Kingdom		5,992,612	2,454,145
United States		2,959,347	945,871
Australia		510,461	223,802
Argentina		633,486	146,746
Belgium		83,112	47,366
British South Africa		150,197	52,664
France		53,530	31,120
New Zealand		3,809,544	1,008,615
Other Countries		161,495	32,478
Worsted tops -	lb.	7,978,366	4,719,074
United Kingdom		7,128,708	4,094,002
United States		424,065	229,370
Australia		134,537	140,742
Belgium		58,395	44,485
France		210,643	191,001
Other Countries		22,018	19,474
Wool noils -	lb.	418,362	177,978
United Kingdom		398,772	167,801
United States		15,024	8,394
Other Countries		4,566	1,783
Wool waste -	lb.	355,788	88,986
United Kingdom		344,640	86,448
United States		11,148	2,538
Partly Manufactured Materials:-			
Wool yarns -	lb.	3,292,904	3,543,557
United Kingdom		3,108,338	3,297,308
United States		9,606	20,564
Belgium		23,870	36,835
France		150,790	188,509
Other Countries		300	341
Mohair yarns -	lb.	240,222	328,953
United Kingdom		230,147	319,010
United States		10,075	9,943
Alpaca yarn -	lb.	33,457	20,283
United Kingdom		33,457	20,283
Woollen and worsted yarns, dyed, etc -	lb.	2,842	3,448
United Kingdom		2,792	3,344
Other Countries		50	104
Woollen and worsted yarns, n.o.p.-	lb.	190,485	212,596
United Kingdom		179,490	206,054
United States		9,122	4,071
Other Countries		1,873	2,471

SECTION I.- WOOLLEN CLOTH MILLS

Imports, Woollen Textiles, 1927 - Cont'd.

Table 10.- Chief Imports by Principal Countries, calendar year 1927 -Cont'd.

Articles		Quantity	Value
			\$
Wholly Manufactured Goods:-			
Felt cloth, n.o.p.	yd.	34,812	57,161
United Kingdom		2,136	8,343
United States		14,634	25,187
Belgium		17,939	23,409
Other Countries		103	222
Flannels, plain -	yd.	627,175	272,227
United Kingdom		466,349	200,658
United States		11,656	6,350
France		148,611	64,993
Other Countries		559	226
Fabrics of wool, lustres, etc.-	yd.	1,370,403	726,118
United Kingdom		1,364,718	717,654
United States		3,044	6,669
Other Countries		2,641	1,795
Overcoatings -	yd.	318,984	436,164
United Kingdom		296,591	385,992
United States		420	637
Other Countries		21,973	49,535
Tweeds -	yd.	3,850,356	3,773,746
United Kingdom		3,551,829	3,345,315
United States		14,076	19,907
France		152,420	263,166
Germany		50,489	58,073
Other Countries		71,542	87,285
Dress goods, women's, etc.-	sq.yd.	4,842,628	1,890,729
United Kingdom		2,871,947	1,063,447
France		1,921,510	808,921
Other Countries		49,171	18,361
Worsted and serges, etc.-	yd.	10,769,936	13,721,069
United Kingdom		8,485,376	11,068,184
United States		50,690	100,032
Italy		91,735	79,198
Czecho-Slovakia		35,375	51,842
France		1,601,831	1,821,319
Germany		402,398	447,410
Netherlands		42,857	81,745
Switzerland		40,081	51,069
Other Countries		19,593	20,270
Blankets, wool -	pr.	168,200	773,790
United Kingdom		155,022	725,329
United States		10,591	41,221
Other Countries		2,587	7,240
Knitted goods of wool, n.o.p.		-	1,104,588
United Kingdom		-	830,576
United States		-	84,438
France		-	92,375
Belgium		-	32,432
Other Countries		-	64,767
Shawls, wool -		-	71,697
United Kingdom		-	56,995
United States		-	3,479
Other Countries		-	11,223
Shirts, wool -	doz.	406	8,319
United Kingdom		336	7,675
United States		67	719
Other Countries		3	125

SECTION I - WOOLLEN CLOTH MILLS

Imports, Woollen Textiles, 1927 - Cont'd.

Table 10.- Chief Imports by principal countries, calendar year 1927 - Cont'd.

Articles		Quantity	Value
			\$
Wholly Manufactured Goods - Cont'd.			
Socks and stockings, wool -	doz. pr.	585,662	2,491,260
United Kingdom		565,369	2,403,307
United States		16,182	58,948
Other Countries		4,111	29,005
Undershirts and drawers, n.o.p.-		-	370,517
United Kingdom		-	341,524
United States		-	12,440
Other Countries		-	16,553
Clothing, women's and children's -		-	591,391
United Kingdom		-	235,903
United States		-	187,390
France		-	95,621
Other Countries		-	72,477
Clothing, ready made, n.o.p.-		-	1,902,725
United Kingdom		-	1,570,539
United States		-	232,315
France		-	38,609
Other Countries		-	61,262
Felt, pressed -	lb.	513,276	283,122
United Kingdom		150,198	79,427
United States		149,527	74,638
Czecho-Slovakia		91,596	41,333
Germany		75,426	55,127
Other Countries		46,529	32,597
Cassimeres -		-	3,537,704
United Kingdom		-	2,238,909
United States		-	359,182
France		-	659,323
Germany		-	111,930
Switzerland		-	50,740
Other Countries		-	117,620
Other woollen goods (Prunella cloth, rugs, bed comforters, etc) -		-	158,074
United Kingdom		-	126,894
United States		-	27,262
Other Countries		-	3,918
Summary of Imports by total of classes -			
Raw Materials		-	9,928,845
Partly Manufactured Materials		-	4,108,837
Wholly Manufactured Goods		-	32,170,601
GRAND TOTAL VALUE OF IMPORTS		-	46,208,283

SECTION I.- WOOLLEN CLOTH MILLS

Exports of Wool and Its Products

The exports of Canadian wool and manufactures for the calendar year 1927 are shown in Table 11. The total value of exports during 1927 was \$3,453,453 as compared with \$1,632,831 in 1926, an increase of 111.5 per cent. Of the total value of Canadian produce exported 68.6 per cent went to the United States, 21.5 per cent to the United Kingdom and 9.9 per cent to Other Countries.

Table 11.- Exports of Canadian Produce by principal countries,
Calendar Year, 1927.

Articles and Countries		Quantity	Value
			\$
Wool, raw -	lb.	11,356,848	3,133,095
To United Kingdom		2,710,699	726,722
United States		8,315,050	2,306,269
Germany		88,026	25,705
Other Countries		243,073	74,399
Wool carpets -		-	25,768
To United Kingdom		-	2,102
United States		-	6,063
Other Countries		-	17,603
Wool fabrics -	yd.	12,108	16,428
To United Kingdom		584	999
United States		663	1,114
Newfoundland		10,038	13,065
Other Countries		823	1,250
Woollen underwear -		-	38,106
To United Kingdom		-	-
United States		-	1,159
Newfoundland		-	36,349
Other Countries		-	598
Wool clothing, n.o.p.-		-	181,084
To United Kingdom		-	1,520
United States		-	14,067
Newfoundland		-	124,839
Other Countries		-	40,658
Woollens, n.o.p.-		-	58,972
To United Kingdom		-	12,158
United States		-	40,293
Newfoundland		-	4,861
Other Countries		-	1,660
Total Wool and its products -		-	3,453,453
To United Kingdom		-	743,501
United States		-	2,368,965
Other Countries		-	340,987
Summary of Exports by classes -			
Raw Materials		-	3,133,095
Manufactured Goods		-	320,358
GRAND TOTAL VALUE OF EXPORTS		-	3,453,453

Section II. - Woollen Yarns

Statistics of the woollen yarn industry in Canada for the calendar year 1927 form the subject matter of the second section of the Woollen Textile Industry. Table 1 presents the principal statistics of this section comparatively for the calendar years 1925, 1926 and 1927.

Table 1. - Principal Statistics of the Woollen Yarn Industry, 1925 - 27.

Principal Statistics		1925	1926	1927
Establishments reporting	No.	16	17	17
Capital invested	\$	9,041,892	8,417,695	9,761,057
Employees on salaries --				
Male	No.	32	40	44
Female	"	20	20	20
Salaries	\$	152,325	161,467	173,311
Employees on wages, average --				
Male	No.	726	653	714
Female	"	656	723	870
Wages	\$	940,753	983,104	1,117,048
Power installed ---				
Units	No.	186	184	198
Capacity	H.P.	3,124	3,102	3,240
Cost of fuel	\$	77,647	136,290	99,621
Cost of materials	\$	4,787,202	4,062,118	4,455,941
Value of products	\$	7,332,093	7,006,877	6,944,765
Value added by manufacture	\$	2,544,891	2,944,759	2,488,824

Production Statistics

The quantity and selling value at the mill or factory of the various yarns and other products manufactured in this section of the industry are shown in Table 2 for the Dominion. The value of production fell from \$7,006,877 in 1926 to \$6,944,765 in 1927, or a decrease of less than one per cent. The province of Ontario alone accounted for 84.5 per cent of the total production in the Dominion.

Table 2. - Production of Woollen Yarns, etc. 1927

Articles produced	Unit of Measure	Quantity	Selling Value at mill or factory \$
Woollen yarns	pound	3,237,560	1,338,185
Worsted yarns	"	4,093,264	4,289,627
Cotton yarns	"	21,238	7,888
Wool waste and noils	"	63,636	12,647
Wool felts for pulp and paper making	"	72,991	124,094
Carpets, velvet, etc., cut pile	lineal yd.	166,850	633,762
Carpets, tapestry, Brussels, etc.	" "	128,906	157,607
Blankets	-	-	174,134
All other products (value only)	-	-	206,821
Total value of products	-	-	6,944,765

Size of Establishments.

Woollen Yarns - 1927

In 1926 the number of factories in operation was 17 with a total capitalization of \$8,417,695, - a gross value of production amounting to \$7,006,877 and a total employment of 1,436. Six establishments had a total capital investment of \$7,729,794 or 91.8 per cent of the total capitalization or an average investment of \$1,288,299 per establishment. Six firms reported a total production of \$6,066,238 or 86.6 per cent of the total gross value of production and an average output of \$1,011,040 per establishment. In employment 8 establishments had 1,349 persons being an average of 169 per factory or 93.9 per cent of the total employment.

In 1927 the number of factories in operation was 17 with a total capitalization of \$9,761,057, - a gross value of production amounting to \$6,944,765 and a total employment of 1,649. Six establishments had a total capital investment of \$8,823,687 or 90.4 per cent of the total capitalization and an average investment of \$1,470,614 per establishment. Five firms reported a total production of \$5,428,911 or 78.2 per cent of the total gross value of production and an average output of \$1,085,782 per establishment. In employment 7 establishments had 1,475 persons on their pay rolls being an average of 210 per factory or 90 per cent of the total employment.

Woollen Yarns

	1926		1927	
	Est.	No. Emp.	Est.	No. Emp.
<u>Employees</u>				
Under 20	8	51	7	45
20 to under 50	1	36	2	65
50 to under 100	2	125	1	63
100 to under 200	3	350	4	492
200 to under 500	3	874	3	983
500 and over	-	-	-	-
T O T A L	17	1,436	17	1,648
<u>Capital Invested</u>	Est.	\$		
Under 50,000	7	71,337	7	84,324
50,000 to under 100,000	1	92,343	2	194,808
100,000 to under 200,000	2	303,419	-	-
200,000 to under 500,000	1	220,802	2	658,238
500,000 to under 1,000,000	2	1,678,564	1	768,666
1,000,000 and over	4	6,051,230	5	8,055,021
T O T A L	17	8,417,695	17	9,761,057
<u>Production</u>				
Under 50,000	7	54,390	7	72,197
50,000 to under 100,000	1	50,616	-	-
100,000 to under 200,000	1	124,067	2	300,689
200,000 to under 500,000	2	711,566	3	1,142,968
500,000 to under 1,000,000	3	1,721,752	2	1,186,946
1,000,000 and over	3	4,344,486	3	4,241,965
T O T A L	17	7,006,877	17	6,944,765

Capital Investment

The amount of capital invested in the woollen yarn industry in 1927 is shown by items and provinces in Table 3. Fixed capital comprising land, buildings, machinery and tools, which in 1926 amounted to \$4,380,317, increased during the year by \$272,851 whilst working capital comprising materials, stocks and supplies on hand and cash, trading and operating accounts also increased by \$1,070,511. Total capital therefore shows an increase over 1926 of \$1,343,362. Ontario provided 87.3 per cent of the total capital, Quebec 12.1 per cent and the Maritime provinces 0.6 per cent.

Table 3. - Capital invested in Woollen Yarn Mills, by Provinces, 1927

Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings etc. machinery and tools	Materials and stocks on hand, miscellaneous supplies, etc.	Cash, trading and operating accounts, etc.	
	\$	\$	\$	\$
Maritime Provinces and Quebec	572,318	240,356	430,539	1,243,213
Ontario	4,080,850	1,722,251	2,714,743	8,517,844
T O T A L	4,653,168	1,962,607	3,145,282	9,761,057

Employment Statistics

The statistics relating to employment in the woollen yarn mills are presented in the following series of tables:

Table 4.- Employees by classes, number and remuneration by provinces.

Table 5.- Employees on wages, by months and sex.

Table 6.- Working time of plants and employees.

The number of persons at employment, whether on salaries or wages, is shown by sex and remuneration, for Canada and the provinces in Table 4. The province of Ontario furnished 63.7 per cent of the male employees, 90.3 per cent of the females and expended in salaries and wages, etc. 82.6 per cent of the total for the Dominion.

The average number of wage earners employed in any industry is calculated on the actual number of months the mills were in operation and not on a basis of 12 calendar months.

Table 4.- Employees by Number, Sex and Remuneration, 1927.

Employment by Classes, etc.		CANADA	Ontario	Maritime Provinces & Quebec
Salaried Employees --				
Male	No.	44	40	4
Female	No.	20	18	2
Total Salaries	\$	173,311	161,140	12,171
Wage-earners, average number -				
Male	No.	714	443	271
Female	No.	870	786	84
Total Wages	\$	1,117,048	905,491	211,557
T O T A L--				
Employees, male	No.	758	483	275
Employees, female	No.	890	804	86
Salaries and wages	\$	1,290,359	1,066,631	223,728

Employment Statistics-Con'd.

Table 5 presents the statistics of employment during 1927 according to number and sex of wage-earner, by months. The maximum of employment was reached in the month of April with a total of 1,609 employees of whom 708 were males, and 901 were females. The minimum of employment was reached in September with a total of 1,531 employees, of whom 690 were males and 841 were females. The average employment for the year was 714 males and 870 females.

Table 5. - Employment by months and sex, 1927.

Months	Males No.	Females No.		Males No.	Females No.
January	664	872	July	691	847
February	682	871	August	692	845
March	684	879	September	690	841
April	708	901	October	694	858
May	775	826	November	717	873
June	734	858	December	731	864
Total employment during the year				8,462	10,335
Average monthly employment during year				714	870

Working Time.- Table 6 shows the number of days that plants were in operation during 1927, whether on full time, part time or idle together with the hours of labour worked by employees per day and per week. Hours worked per day increased from 9.30 in 1926 to 9.35 in 1927.

Table 6. - Working time of Plants and Employees, 1927

Number of operating plants	17	
	Totals	Averages
Days plants were in operation -		
On full time	3,875	227.94
On part time	424	24.94
Idle	869	51.12
Hours worked by employees -		
Per day or shift	159	9.35
Per week	895	52.65

Fuel Consumption

The quantity and value of the fuel consumed by the woollen yarn industry is shown in Table 7 for the calendar year 1927. Bituminous coal accounted for 66.5 per cent of the total outlay in 1927. The cost of electricity purchased during the year amounted to \$47,621 as compared with an outlay of \$40,891 in 1926.

Table 7.- Fuel Consumption by Classes, 1927.

Classes of Fuel	Unit of Measure	Quantity	Cost Value in Factory \$
Anthracite coal	ton	-	-
Bituminous coal	ton	14,916	97,948
Gasoline	gallon	90	22
Wood	cord	275	1,327
Gas, artificial or natural	m.c.ft.	537	324
Fuel oil	-	-	-
Electricity	-	-	47,621
Total cost of Fuel	-	-	147,242

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Power Installation

The power installed in woollen yarn mills in 1927 is shown in Table 8 by (a) the classes of power, (b) the number of units in each class and (c) the total horse-power according to manufacturers' rating.

Table 8. - Power Installation, 1927

Classes of Power	Number of Units	Horse Power according to manufacturers' rating
Steam engines and turbines	5	355
Oil, gas and gasoline engines	2	22
Hydraulic turbines or water wheels	5	336
Electric motors operated by purchased power	186	2,527
Total power used in manufacturing	198	3,240
Boilers installed	25	2,213

Materials Used.

The quantity and cost value at the mill of the various materials used in the manufacture of woollen and worsted yarn, is presented in Table 9 for the calendar year 1927. Raw wool represented 13.5 per cent, tops and waste and noils 62.3 per cent, and woollen and worsted yarns 11.6 per cent of the total cost of materials used during the year.

Table 9. - Materials used in Woollen Yarn Mills, 1927

Kinds of Materials	Unit of Measure	Quantity	Cost Value at the factory or mill
Wool, domestic.-In the grease	Pound	302,656	90,134
Washed or scoured	"	32,345	9,523
Wool, foreign.- In the grease	"	591,237	298,875
Washed or scoured	"	564,665	202,633
Wool waste	"	155,194	39,076
Wool noils	"	5,997	2,630
Tops	"	4,530,793	2,730,580
Shoddy, mungo and wool extract	"	64,730	21,650
Cotton, raw	"	589,522	120,694
Tailors' clippings, rags, etc.	"	602,553	65,632
Woollen yarns	"	763,093	213,592
Worsted yarns	"	404,358	302,340
Cotton yarns	"	57,656	20,216
Artificial silk yarn	"	20,345	20,190
Linen yarns	"	51,000	13,260
Jute ramie, or other yarns of vegetable fibre	"	207,000	28,690
Silk, waste	"	6,131	1,984
Cotton waste	"	329,236	50,092
Chemicals and dyestuffs (value only)	-	-	111,736
All other materials (value only)	-	-	112,414
Total cost of Materials	-	-	4,455,941

Equipment

The equipment of the 17 mills reporting is shown in Table 10.

Table 10. Equipment installed in Woollen Yarn Mills, 1927.

Kind	Woollen	Worsted	Shoddy	Cotton	TOTAL
Sets of cards	61	3	1	5	70
Spindles, number:					
Mule spinning spindles	17,666	9,508	-	-	27,174
Frame spinning spindles	201	20,472	-	-	20,673
Doubling and twisting spindles	606	13,024	-	-	13,630
Broad looms (50 inches reed space or over)	53	-	-	-	53
Narrow looms (under 50 inches reed space)	62	-	-	-	62
Wool combing machines	4	-	-	-	4
Pickers	32	-	-	-	32
Garnet machines	5	-	-	-	5

Figures of Imports & Exports of yarns will be found in Tables 10 & 11, under Woollen Cloth Industry.

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Section III. Carpets, Mats and Rugs.

The statistics of the manufactures of carpets, mats and rugs are dealt with in Section 3 of the woollen textile industry. In 1927 the number of individual establishments reporting was 18 of which 12 were in Ontario, 2 in British Columbia and 1 in each of Alberta, Saskatchewan, Manitoba and New Brunswick.

Principal Statistics

A table showing the principal statistics of the industry for the calendar years 1924, 1925 and 1926 is given below for purposes of comparison.

Summary of Principal Statistics, 1925, 1926 and 1927.

Principal Statistics		1925	1926	1927
Establishments reporting	No.	16	17	18
Capital invested	\$	4,080,905	4,037,183	4,343,572
Employees on salaries -				
Male	No.	119	112	117
Female	No.	31	23	26
Total salaries	\$	309,386	273,487	339,427
Employees on wages, average number -				
Male	No.	486	483	531
Female	No.	225	210	274
Total wages	\$	584,457	569,548	681,021
Cost of fuel	\$	51,353	100,751	62,406
Power installed -				
Units	No.	372	381	286
Capacity	H.P.	2,982	3,026	4,544
Cost of Materials	\$	1,432,494	1,515,052	1,692,111
Value of products	\$	2,905,251	3,152,800	4,015,339
Value added by manufacture	\$	1,472,757	1,637,748	2,323,228

Production

The quantity and value of the principal items produced in the carpet factories of the Dominion are shown by provinces in Table 1. Over 99 per cent of the total value of production belongs to the province of Ontario. Carpets contributed 16.80 per cent of the total value of output, rugs and squares 71.65 per cent and other mats etc. to 11.55 per cent.

Table 1.- Production of Carpets, Mats and Rugs, 1927.

Articles manufactured	CANADA		ONTARIO		Other Provinces	
	Quan.	Value	Quan.	Value	Quan.	Value
Carpets, Axminster, Wilton, etc. lineal yards	214,940	\$ 599,695	214,940	\$ 599,695	-	-
Ingrain, Brussels, etc. " "	76,947	74,817	76,947	74,817	-	-
Squares, mats and runners:- " "						
Axminster, Wilton, etc. " Number	984,814	2,576,261	984,814	2,576,261	-	-
Smyrna, Brussels, etc. " "	137,043	300,825	137,043	300,825	-	-
Other woollen or cotton mats " "	-	101,154	-	101,154	-	-
Cocoa mats and matting " "	-	153,750	-	153,750	-	-
All other mats and rugs " "	-	58,887	-	39,221	-	19,666
All other products, custom work, etc. *	-	149,950	-	133,598	-	16,352
T O T A L	-	4,015,339	-	3,979,321	-	36,018

Size of Establishments

Carpets, Mats and Rugs, - 1927.

In 1926 the number of establishments reporting was 17 with a total capital investment of \$4,037,183, - a gross value of production of \$3,152,800 and a total employment of 828. Four establishments had a capital investment of \$3,910,263 or 96.8 per cent of the total capitalization and an average investment of \$977,566 per establishment. Three firms had a total production of \$2,962,889, being 94 per cent of the total output and an average of \$987,629 per establishment. In employment 4 firms reported 742 persons on the payrolls or 90 per cent of the total employment with an average employment per establishment of 185.

In 1927 the number of establishments reporting was 18 with a total capital investment of \$4,343,572 - a gross value of production of \$4,015,339 and a total employment of 948. Two establishments had a capital investment of \$3,948,865 or 90.9 per cent of the total capitalization and an average investment of \$1,974,432 per establishment. Three firms had a total production of \$3,776,598 being 94 per cent of the total output and an average of \$1,258,866 per establishment. In employment 3 firms reported 837 persons on the payrolls or 88.3 per cent of the total employment with an average employment per establishment of 279.

<u>Capital Invested</u>	1926		1927	
	Est.	\$	Est.	\$
Under 50,000	13	126,920	13	85,611
50,000 to under 100,000	1	64,979	2	128,185
100,000 " " 200,000	1	171,441	1	180,911
200,000 " " 500,000	-	-	-	-
500,000 " " 1,000,000	1	688,076	1	900,963
1,000,000 and over	1	2,985,767	1	3,047,902
Total	17	4,037,183	18	4,343,572
<u>Employees</u>	1926		1927	
	Est.	No. Emp.	Est.	No. Emp.
Under 20	13	86	14	75
20 to under 50	1	24	1	36
50 to under 100	1	61	1	65
100 " " 200	1	121	1	183
200 " " 500	-	-	-	-
500 and over	1	536	1	589
Total	17	828	18	948
<u>Production</u>	1926		1927	
	Est.	Value	Est.	Value
Under 50,000	13	129,556	14	142,587
50,000 to under 100,000	1	60,355	1	96,154
100,000 " " 200,000	-	-	-	-
200,000 " " 500,000	2	756,848	1	225,000
500,000 " " 1,000,000	-	-	1	846,555
1,000,000 and over	1	2,206,041	1	2,705,043
Total	17	3,152,800	18	4,015,339

Capital Investment

The capital investment in the carpet, mat and rug industry is shown by items and provinces in Table 2. The value of invested capital increased over 1926 by \$306,389 or 7.5 per cent. Ontario's proportion of the total investment was over 99.5 per cent.

Table 2.- Capital invested by Provinces, 1927.

Items of Capital	CANADA	ONTARIO	Other Provinces
Fixed Capital:-	\$	\$	\$
Land, buildings, fixtures, machinery, etc.	1,691,404	1,677,788	13,616
Working Capital:-			
Materials, supplies and stocks in hand	656,752	653,908	2,844
Cash, trading and operating accounts, etc.	1,995,416	1,993,531	1,885
Total Capital	4,343,572	4,325,227	18,345

Employment Statistics

Statistics relating to employment are shown in the following series of Tables for the calendar year 1927:-

- (3) Employees, salaries and wages by provinces.
- (4) Employment by months.
- (5) Working time of plants and employees.

The province of Ontario gave employment to 929 persons in a total of 948 for the Dominion or approximately 98 per cent, while the amount paid for salaries and wages was also 98 per cent of the total for the Dominion.

The average number of wage-earners employed in any industry is calculated on the actual number of months the mills were in operation and not on a basis of 12 calendar months.

Table 3.- Employment by number, sex and remuneration in 1927, by provinces

Employees by classes		CANADA	ONTARIO	Other Provinces
Employees on salaries:-				
Male	No.	117	112	5
Female	No.	26	25	1
Total salaries	\$	339,427	330,721	8,706
Employees on wages, average number-				
Male	No.	531	520	11
Female	No.	274	272	2
Total wages	\$	681,021	669,588	11,433
Total employees -				
Male	No.	648	632	16
Female	No.	300	297	3
Salaries and wages	\$	1,020,448	1,000,309	20,139

The number of persons employed in the industry is shown for each month of the year divided according to sex. Employment reached its maximum in February with a total of 870 persons of whom 578 were males and 292 females. The month of lowest employment was July when there were on the payroll a total of 671 of whom 406 were males and 265 were females. The average monthly employment was 531 males and 274 females as shown in Table 4.

Table 4.- Employment by months and sex, 1927.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	566	283	July	406	265
February	578	292	August	527	280
March	567	293	September	526	274
April	534	248	October	523	270
May	534	256	November	541	274
June	533	265	December	547	276
Total employment during the year				6,382	3,276
Average monthly employment during the year				531	274

Employment Statistics - Continued

Operating time of plants and of employees is given in Table 5. The operating time is shown under 3 heads: (1) full time, (2) part time and (3) idle. Full time operation shows an increase of 265 days during the year as compared with the report for 1926, while part time operation also increased by 154 days. There was also an increase in the working hours of employees as compared with 1926.

Table 5.- Operating time of plants and employees, 1927.

Number of establishments reporting	18	
	Totals	Averages
Days in operation -		
On full time	4,560	253.33
On part time	642	35.67
Idle	270	15.00
Hours worked by wage-earners -		
Per day or shift	156	8.67
Per week	870	48.34

Fuel Consumption

The quantity and value of fuel consumed by the industry in 1927 is shown in Table 6 by classes. Compared with 1926 there was a decrease in the total cost of fuel, which is mainly accounted for by the decrease in the quantity of bituminous coal reported. The cost of electricity purchased amounted to \$18,383 in 1927 as compared with \$22,934 in 1926.

Table 6. - Fuel Consumption by classes, 1927.

Classes of fuel	Unit of measure	Quantity	Cost value at factory
			\$
Bituminous coal	ton	9,414	60,231
Anthracite coal	"	26	391
Coke	"	3	45
Gasoline	gallon	810	214
Fuel oils	"	6,374	721
Gas, artificial and natural	m.c.ft.	312	323
All other fuels	-	-	481
Electricity	-	-	18,383
Total cost of fuel	-	-	80,789

Power Installation

The kinds of power installed in the carpet factories of the Dominion in 1927 are shown in Table 7. Electric motors again supplied over 88 per cent of the total horse power installation in 1927.

Eight boilers with a horse power capacity of 562 were reported as against 13 boilers of 2,592 horse power in 1926.

Table 7.- Power Installation, 1927.

Classes of power installed	Number of units	Horse power capacity according to manufacturers' rating.
Steam engines and turbines	4	525
Oil gas and gasoline engines	1	3
Electric motors operated by purchased power	273	1,782
Total power used in manufacture	278	2,310
Electric motors operated by power owned	8	2,234
Total electric motors	281	4,016
Boilers installed	8	562

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Materials Used.

The principal materials used in the industry in 1927 are shown by quantity and cost value in Table 8. The total value of materials used amounted to \$1,692,111. of which woollen and worsted yarns constituted \$1,067,588 or 63.1 per cent. This value represents an increase from the 1926 report of \$177,059. or approximately 11.7 per cent.

Table 8.- Materials used by kinds, 1927.

Kinds of materials used	Unit of measure	Quantity	Cost Value
			\$
Woollen yarns	pounds	1,140,702	637,015
Worsted yarns	"	604,835	430,573
Cotton yarns	"	994,641	286,389
Linen yarns	"	32,534	9,281
Jute, ramie and other yarn of vegetable fibre	"	1,721,477	222,513
Chemicals and dyestuffs (value only)	-	-	92,739
All other materials (value only)	-	-	13,601
Total cost of materials	-	-	1,692,111

Equipment in Carpet. Mat and Rug Factories

The equipment reported in the carpet, mat and rug factories of the Dominion in 1927 was as follows:-

Broad Looms (50 inches reed space or over)	19
Narrow looms (under 50 inches reed space)	292
Other looms	26
Coppers	4
Winders	3
Twisters	4
Braiders	9
Knitting machines	25
Sewing machines	15
Cutting machines	2

Imports and Exports

Table 9 presents statistics of the imports and exports of Carpets, mats and rugs by principal countries for the calendar year 1927. The total value of imports was \$2,619,527. and the value of manufactured products \$3,979,321. so that for every dollar of product manufactured in Canada we import goods to the value of sixty-six cents. The United Kingdom supplied \$1,342,898. of the value of imports for consumption or 51.3 per cent, the United States \$166,830. or 6.4 per cent and all Other Countries \$1,109,799. or about 42.3 per cent.

Table 9.- Imports of carpets, mats and rugs by principal countries, for calendar year 1927.

Articles	Quantity	Value
		\$
Carpets, Axminster in rolls	Yd.	
United Kingdom	72,359	142,646
United States	1,085	2,000
Other Countries	3,942	7,676
TOTAL	77,386	152,322
Carpets, Axminster in sqs.	No.	
United Kingdom	6,588	198,268
United States	615	13,855
Germany	1,950	28,496
Other Countries	1,313	18,781
TOTAL	10,466	259,400
Carpets, Brussels and Wilton in rolls	Yd.	
United Kingdom	14,684	33,364
United States	837	1,894
Other Countries	1,376	2,409
TOTAL	16,897	37,667
Carpets, Brussels, Wilton in sqs.	No.	
United Kingdom	3,717	116,639
United States	50	1,752
Other Countries	1,551	27,962
TOTAL	5,318	146,403
Carpets, Ingrain 2 & 3 ply in rolls	Yd.	
United Kingdom	14,823	44,168
United States	306	353
Other Countries	6,208	9,602
TOTAL	21,337	54,123
Carpets, Ingrain 2 & 3 ply in sqs.	No.	
United Kingdom	1,177	41,587
United States	1,092	20,850
France	6,857	66,999
Other Countries	1,456	30,070
TOTAL	10,582	159,506
Carpets, oriental and hand woven in sqs.	No.	
United Kingdom	6,671	344,374
United States	726	71,944
British India	1,162	65,400
China	1,896	104,312
Persia	1,706	75,480
Turkey	6,441	177,748
Greece	1,494	97,714
Other Countries	2,271	56,820
TOTAL	22,367	993,792
Carpets, tapestry and velvet in rolls	Yd.	
United Kingdom	84,434	74,022
United States	3,148	4,621
France	6,467	10,016
Other Countries	9,263	8,320
TOTAL	103,312	96,979

Imports and Exports - Continued

Table 9 - Imports - Cont'd

Articles	Quantity	Value
		\$
Carpets, tapestry and velvet in sqs. No.		
United Kingdom	5,890	56,448
United States	21	440
Germany	4,349	48,963
Other Countries	1,322	13,017
TOTAL	11,582	118,868
Cocoa carpets, mats and rugs - value only		
United Kingdom	-	1,042
United States	-	303
British India	-	19,259
Other Countries	-	8,676
TOTAL	-	29,280
Mats and rugs up to 3' x 6' and runners		
United Kingdom	-	290,290
Germany	-	44,519
United States	-	48,818
France	-	71,356
Japan	-	53,370
Other Countries	-	62,834
TOTAL	-	571,187
Total value of imports by countries -		
United Kingdom	-	1,342,898
United States	-	166,830
British India	-	84,659
France	-	148,371
Germany	-	121,978
China	-	104,312
Japan	-	53,370
Greece	-	97,714
Persia	-	75,480
Turkey	-	177,748
Other Countries	-	246,167
TOTAL	-	2,619,527

The value of exports of Canadian produce are shown in Table 10 by principal countries, the total value in 1927 being \$25,768. an increase of \$16,348. over 1926.

Table 10.- Exports of Carpets, Mats, etc., to principal countries for calendar year 1927.

	Quantity	Value
Wool carpets (value only)		\$
United Kingdom	-	2,102
United States	-	6,063
Other Countries	-	17,603
TOTAL EXPORTS		25,768

SECTION IV. Woollen Goods n. e. s.

In 1926 the number of establishments reporting was 28 with a total capital investment of \$7,994,200 a gross value of production of \$5,738,462 and a total employment of 1,080. Eight establishments had a total capital investment of \$6,745,304 or 84.4 per cent of the total capital investment or an average of \$843,163 per establishment. Eleven establishments reported a gross value of production of \$5,099,025 or 88.8 per cent of the total production being an average output of \$463,548 per establishment. In employment 9 firms had 946 persons on the payroll being an average of 105 persons per establishment and 87.6 Per cent of the total employment.

In 1927 the number of establishments reporting was 24 with a total capital investment of \$7,758,050 a gross value of production of \$5,934,369 and a total employment of 1,113. Eight establishments had a total capital investment of \$6,787,301 or 87.5 per cent of the total capital investment or an average of \$848,413 per establishment. Seven establishments reported a gross value of production of \$4,743,919 or 79.9 per cent of the total production being an average output of \$677,703 per establishment. In employment 5 firms had 833 persons on the payroll being an average of 167 persons per establishment and 74.8 per cent of the total employment.

Woollen Goods, n.e.s.

Capital Invested	1926		1927	
	Establishments No.	Amount \$	Establishments No.	Amount \$
Under 50,000	9	140,547	8	218,598
50,000 to under 100,000	6	403,491	5	331,041
100,000 to under 200,000	5	704,858	3	421,110
200,000 to under 500,000	5	1,759,961	4	1,267,377
500,000 to under 1,000,000	-	-	1	522,737
1,000,000 and over	3	4,985,343	3	4,997,187
Total	28	7,994,200	24	7,758,050
Employees	Establishments No.	Employees No.	Establishments No.	Employees No.
Under 20	19	134	15	127
20 to under 50	4	145	4	153
50 to under 100	1	69	1	60
100 to under 200	3	356	2	246
200 to under 500	1	376	2	527
500 and over	-	-	-	-
Total	28	1,080	24	1,113
Production	Establishments No.	Value \$	Establishments No.	Value \$
Under 50,000	10	142,426	8	227,733
50,000 to under 100,000	7	497,011	4	315,488
100,000 to under 200,000	5	833,929	3	647,229
200,000 to under 500,000	3	1,027,277	3	780,709
500,000 to under 1,000,000	2	1,324,050	3	1,864,917
1,000,000 and over	1	1,913,769	1	2,098,293
Total	28	5,738,462	24	5,934,369

The principal commodities comprising this section are (1) wool felts of all kinds, (2) wool stock (shoddy), (3) wool, pulled, (4) blankets and sweat pads and (5) over-gaiters, spats and leggings. The number of individual plants reporting in this section during 1927 was 24 as compared with 28 in the preceding year. Of the plants in operation 17 were located in Ontario, 4 in Quebec and 1 in each of the provinces of British Columbia New Brunswick and Nova Scotia. The statistics for the last mentioned provinces have been combined to prevent disclosure of individual information and are presented under the heading of "other provinces" throughout the tables of this report. For the principal statistics relating to this section see column 4 of page 2 of this report.

Production, 1927

Table 1 presents statistics of production by quantity and value within provinces for the calendar year 1927. Of the total value of output the province of Ontario contributed \$3,284,349 or 55.4 per cent. followed by Quebec with 40.7 per cent, whilst the remaining provinces produced less than 4 per cent. The item of production showing the greatest value was pulp and paper maker's felts amounting to \$2,911,088 or a little over 49 per cent. Shoddy mungo and wool extract being next with a value of \$519,000 or 8.7 per cent followed in order by blankets with a value of \$485,219.

Table 1. - Production in Woollen Goods Mills, n.e.s., by Provinces, 1927.

Articles Manufactured		CANADA		Ontario		Quebec		Other Provinces	
		Quantity	Value \$	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$
Felt Goods -									
Shoe felts	Yd.	262,160	228,163	262,160	228,163	-	-	-	-
Harness felts	Lb.	160,316	79,039	160,316	79,039	-	-	-	-
Hair felts	Yd.	45,000	38,000	45,000	38,000	-	-	-	-
Trimming and lining felts	Yd.	49,326	50,850	49,326	50,850	-	-	-	-
Padding felts		-	201,206	-	201,206	-	-	-	-
Pulp & paper maker's felts	Lb.	2,352,115	2,911,088	581,723	1,032,507	1,770,392	1,878,581	-	-
All other felt goods	"	-	50,782	-	29,172	-	21,610	-	-
Shoddy mungo and wool extract	"	3,330,683	519,100	3,086,884	433,514	243,799	85,586	-	-
Sweat-pads	Doz.	57,788	303,201	57,788	303,201	-	-	-	-
Blankets	-	-	485,219	-	265,507	-	219,712	-	-
Wool, pulled	Lb.	580,330	232,378	156,330	63,261	-	-	424,000	169,117
Auto cushions	No.	27,297	10,613	27,297	10,613	-	-	-	-
Wool, waste and noils	-	49,600	14,280	49,600	14,280	-	-	-	-
Woollen yarns	Lb.	29,159	5,832	29,159	5,832	-	-	-	-
Pickled skins	Doz.	18,405	147,814	6,629	83,356	-	-	11,776	64,458
Gloves, cotton	Doz. Pr.	177,081	233,853	177,081	233,853	-	-	-	-
Box toes	Pr.	6,148,991	166,384	-	-	6,148,991	166,384	-	-
Batts, flocks and rolls	Lb.	1,013,560	40,542	-	-	1,013,560	40,542	-	-
Weather strip	Cwt.	108,876	54,424	108,876	54,424	-	-	-	-
All other products		-	161,601	-	157,571	-	4,030	-	-
Total Value of Output		-	5,934,369	-	3,284,349	-	2,416,445	-	233,575

SECTION IV. - WOOLLEN GOODS N.E.S. - Continued.

Capital Investment

The amount of capital invested in this section of the woollen textile industry is shown by provinces in Table 2. It is also presented under two heads:- Fixed capital and working capital, the first of which includes land, buildings, fixtures, machinery and tools, and the second materials and stocks on hand, fuel and miscellaneous supplies on hand, and cash, trading and operating accounts, and bills receivable. The investment in 1927 shows a decrease in total of \$235,150. Approximately 60.4 per cent of the total investment is credited to the province of Ontario, 33.3 per cent to Quebec and 1.3 per cent to the other provinces.

Table 2.- Capital investment by provinces, 1927.

Province	Fixed Capital	Working Capital		Total Capital
	Land buildings machinery tools	Materials and supplies on hand	Cash, trading and operating accounts, etc.	
	\$	\$	\$	\$
CANADA	4,710,763	1,720,198	1,327,089	7,758,050
Ontario	2,947,181	926,869	812,224	4,686,274
Quebec	1,727,625	747,522	498,128	2,973,275
Other provinces 1/	35,957	45,807	16,737	98,501

1/ Includes Nova Scotia, New Brunswick and Manitoba.

Employment Statistics

Statistics of employment are presented in a series of Tables for the calendar year 1927 as follows:

Table 3. Employees by number, sex and remuneration.

Table 4. Employees by months and sex.

Table 5. Operating time of plants and employees.

The number of persons employed as per payroll is shown by sex and remuneration in Table 3. The number employed rose from 993, (668 males and 325 females), in 1926 to 1,113, (669 males and 444 females) in 1927. Salaries increased by \$51,224 and wages by \$82,489. The province of Ontario supplied 63.6 per cent of the total employees and paid 61.2 per cent of the total of salaries and wages.

The average number of wage-earners employed in any industry is calculated on the actual number of months the mills were in operation and not on a basis of 12 calendar months.

Table 3. Employees, Salaries and Wages, by provinces, 1927.

Classes of employees		CANADA	Ontario	Quebec	Other Provinces
Salaried employees -					
Male	No.	34	43	38	3
Female	No.	22	19	3	-
Total salaries	\$	310,330	157,808	147,482	5,040
Employees on wages -					
Male	No.	615	387	197	31
Female	No.	392	259	133	-
Total wages	\$	801,627	523,231	261,127	17,269
Total employees -					
Male	No.	699	430	235	34
Female	No.	414	278	136	-
Salaries and wages	\$	1,111,957	681,039	408,609	22,309

Employment Statistics - Cont'd.

The number of wage-earners employed in this section by months and sex is shown in Table 4. Employment was at the maximum in the month of November when 1,049 individuals were entered on the payroll and the minimum in the month of June when the number on the payroll was 960. The average monthly employment during the year was 1,009 of whom 615 were males and 392 were females.

Table 4. - Employment of wage-earners, by months and sex, 1927.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	601	371	July	571	395
February	604	377	August	578	403
March	615	384	September	598	400
April	607	384	October	608	415
May	589	374	November	625	424
June	587	373	December	617	406
Total employment during the year			7,200	4,706	
Average monthly employment throughout year			615	392	

The working time of plants and employees is shown in Table 5. The operating time of plants whether on full or part time and the number of days the plants were idle are given by totals and averages. Full time operations were carried on for 248.58 days and part time for 26.21 days, whilst plants were idle for a total of 29.21 days. The hours of labour averaged 8.91 per day as against 9.2 in 1926 and 49.54 hours per week, as compared with 49.2 hours in 1926.

Table 5.- Working time of plants and employees, 1927.

Number of operating plants	24	
	Totals	Averages
Days in operation -		
on full time	5,966	248.58.
on part time	629	26.21
Idle	701	29.21
Hours worked by employees-		
Per day or shift	214	8.91
Per week	1,189	49.54

Fuel Consumption

The quantity and the cost value at the mill of the fuel consumed in this section are given in Table 6 for the calendar year 1927. Coal of all kinds constituted 92.3 per cent of the total cost of fuel. The cost of electricity purchased amounted to \$24,373 in 1927 as compared with an expenditure of \$29,950 in 1926.

Table 6. Fuel consumption, by classes, 1927.

Classes of fuel	Unit of measure	Quantity	Cost Value at Mill
Bituminous Coal (incl. screenings)	ton	9,941	72,719
Anthracite coal	"	3	50
Coke	"	30	308
Gasoline	gal.	-	-
Oil (Fuel)	"	-	-
Wood	cord	2	10
Gas	M.C.ft.	234	180
Other fuel	-	-	5,601
Electricity	-	-	24,373
	-	-	103,241

1. The purpose of this document is to provide a summary of the information received from the source regarding the activities of the group. The information was obtained from a confidential source who has provided reliable information in the past.

2. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted].

3. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted].

4. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted].

5. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted].

6. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted].

7. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted]. The source has provided information regarding the activities of the group in the area of [redacted].

Power Installation

The installation of power by classes and horse power as rated by the manufacturer, is presented in Table 7, for the calendar year 1927, a decrease in installed h.p. capacity appear in hydraulic turbines of 292 h.p.

Table 7.- Power installed in the woollen goods industry, N.E.S., 1927.

Classes of power	Number of Units	Horse power according to manufacturers' rating
Steam engines and turbines	3	109
Oil, gas and gasoline engines	3	210
Hydraulic turbines or water wheels	6	986
Electric motors operated by purchased power	258	2,709
Total power for manufacturing purposes	270	4,014
Electric motors operated by power generated by the establishments	149	1,383
Total electric motors	407	4,092
Boiler installation	15	1,325

Materials Used

Table 8 gives the quantity and cost value at the mill or factory of the principal materials used in this section of the woollen textile industry in 1927. The total cost of materials shows an increase of \$12,784 over the preceding year.

Table 8. - Materials Used, 1927.

Kind	Unit of Measure	Quantity	Cost Value at mill
Wool, domestic: In the grease	pound	6,200	\$ 1,780
washed or scoured	"	59,600	21,500
Wool, foreign: In the grease	"	1,892,000	691,415
washed or scoured	"	1,292,742	588,992
Animal hair, all kinds	"	277,930	19,056
Tailors' clippings, rags, etc.	"	4,664,025	372,465
Cotton, raw	"	1,289,446	301,427
Wool waste and noils	"	206,641	26,331
Sheepskins	"	223,956	320,195
Jute and other waste	"	477,800	16,194
Silk waste	"	1,932	268
Snoddy, mungo and wool extract	"	300,000	25,847
Chemicals and dyestuffs (value only)	-	-	120,607
All other materials (value only)	-	-	433,909
Total Cost of Materials	-	-	2,939,986

Equipment in Textiles Mills, N.E.S.

The equipment in mills for the manufacture of the various classes of goods made in this section of the woollen textile industry is presented in Table 9.

Table 9.- Equipment in Woollen Textile Mills, N.E.S. 1927

Kind		Woollen	Shoddy	Total
Sets of cards	No.	29	33	62
Spindles				
Wool spinning spindles	No.	2,560	-	2,560
Frame spinning spindles	No.	150	-	150
Doubling and twisting spindles	No.	-	-	-
Broad looms (50 inches reed space or over)	No.	53	-	53
Pickers	No.	19	-	19
Garnet machines	No.	4	-	4
Other machines	No.	4	-	4

Imports and Exports

Statistics relating to imports for consumption and to exports of Canadian produce for the calendar year are not sufficiently indicated in the trade classification to permit of tabulation, but the values of such are included under total imports of wool and its products on pages 10 to 12 and total exports on page 13 of this report.

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES

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TELEPHONE (312) 937-1234

Firms Manufacturing Woollen Cloths

Nova Scotia

Jas. Creelman & Sons
Oxford Manufacturing Co., Ltd.
Barrington Woollen Mill

Newton Mills
Oxford
Barrington

New Brunswick

F. H. Copp
J. A. Humphrey & Son, Ltd.,

Port Elgin
Box 366, Moncton.

Quebec

Fred Blanchette (Trenholmville
Woollen Mills)
Joseph Blanchette
Walter Blue & Co., Ltd.,
Methot & Frere
Albert E. Morrison
Paton Manufacturing Co., Ltd.
Telford & Chapman, Ltd.,
Warwick Woollen Mills, Ltd.,
Napoleon Paquin
Talon Woollen Co.,

R.R. # 1, Trenholmville
R.R. # 1, South Durham
Waterville
Cap St. Ingace
Bromsburg
7 Belvidere St., Sherbrooke
Way's Mills
Warwick
St. Gabriel de Brandon
Barette (Labelle Co.)

Ontario

F. C. Fleroux
Bancroft Woollen Mills (D. Fuller)
The Barrymore Cloth Co., Ltd.,
Bird Woollen Mill Co., Ltd.,
Tayside Textiles, Ltd.,
The Brook Woollen Co. of Simcoe, Ltd.,
The Burritt's Rapids Woollen Mills, Ltd.,
Jas. Butler
The Campbell Woollen Co., Ltd.,
Campbellford Cloth Co., Ltd.,
Canadian Woollens, Ltd. (Auburn mills)
Clark Blanket Co., Ltd.,
A. W. Eastwood
Flesherton Woollen Mill, (John Nuhn)
R. Forbes Co., Ltd.,
J. W. Gledhill
Glen Woollen Mills, Ltd.,
Hawthorne Mills, Ltd.,
The Horn Bros. Woollen Co., Ltd.,
S. B. Lehman & Sons
H. Lockwood's, Co., Ltd.,
W. J. Hill, (Madoc Woollen Mills)
Randle Bros. (Meaford Woollen Mills)
Northern Textiles, Ltd.,
The Oriental Textiles Co., Ltd.,
The Orillia Worsted Co.,
The Paris Wincey Mills Co., Ltd.,
Geo. Pattison & Co., Ltd.,
Reiner Bros. & Co., Ltd.,
Renfrew Textiles, Ltd.,
M.J.O'Brien, Ltd. (Renfrew Woollen Mills)
Rosamond Woollen Co., Ltd.,
The Slingsby Manufacturing Co., Ltd.,
Dupont Textiles Ltd.,
Sykes & Taylor
William Thoburn
Vickerman Bros.
H. C. Wagner, (Newton Woollen Mills)
Watchorn & Co., Ltd.,
Peterboro Woollen Mill (W.H. Giguere)

Clarence Creek
Bancroft
1179 King St. W., Toronto
Bracebridge
Perth
Victoria St., Simcoe.
Burritt's Rapids
Strathroy
Almonte
Campbellford
Peterborough
Greensville
Baltimore
Flesherton
Hespeler
Ben Miller, (R.R. #4, Goderich)
Glen Williams
Carleton Place
95 William St. N., Lindsay
R. R. #1, Unionville.
507 College Avenue, Toronto 3.
Madoc
Meaford
P.O. Box # 405, Chesley.
131 Athol St., E., Oshawa.
Victoria St., Orillia
Paris
Eagle St., Preston
Wellesley
Renfrew
Renfrew
Almonte
266 West Mill St., Brantford
Christie & Dupont Sts. Toronto 4.
349 Carlaw Ave., Toronto 3.
Almonte
R.R. # 1, Preston
Newton
Merrickville
73 Gladstone Avenue, Peterboro

Firms Manufacturing Woolen Yarn

Nova Scotia

A.M. MacPherson

Rocklin (R.R. #1, Lansdowne)

New Brunswick

Eriggs & Little
Carleton County Woollen Mills
Speedy & Davidson
Golden Grove Woollen Mills

York Mills
239 Main St., Woodstock
King Street, St. Stephen
Golden Grove

Quebec

Penman's, Ltd., (Mill #8)

St. Hyacinthe

Ontario

Aked & Company, Ltd.,
Canadian Woollens, Ltd.,
Dunnville Woollen Mills, Ltd.,
Dominion Combing Mills, Ltd.,
Elliot Mfg. Co., Ltd.,
James F. Gordon
Guelph Carpet & Worsted Spinning Mills,
Ltd.
Milton Spinners Ltd.,
Otonabee Mills, Ltd.,
Penman's, Ltd., (Mill #9)
Penman's, Ltd., (Mill #12)
Newlands and Co., Ltd.,

888 Dupont St., Toronto
Peterborough
H. O. 230 McGill St., Montreal
Pelham St., Trenton
Rink St., Peterborough
Athens
83 Neeve St., Guelph
(carpets and yarn)
Milton
62½ Hunter St., Peterborough
Paris
Waterford
Galt.

Firms Manufacturing Carpets, Mats & Rugs.

New Brunswick

Maritime Rug Works, Ltd.,

370 Main St., St. John

Ontario

Canada Rug Co. (W.C.P. Baldwin)
Hamilton Rug Works. (Brass Bros.)
Therien Company, Ltd.,
Turco Persian Rug Renovating Co.,
Veteran Rug Weaving Co.,
Brinton Carpet Co., Ltd.,
Coburg Matting & Carpet Co., Ltd.,
Empire Rug Mills
Donald McKinnon & Sons
The Toronto Carpet Mfg. Co., Ltd.,
United Rug Weaving Co.

98 Carling St., London
171 York St., Hamilton
374 St. Andrew St., Ottawa
166 Duchess St., Toronto
1201a Queen St. E., Toronto
Box 1065, Peterborough
Coburg
#1, Frank St., St. Catharines.
Box #284, Cobourg
1179 King St. W., Toronto
125 Ewart Avenue, Toronto 9.

Manitoba

Capital Carpet & Rug Mfg., Co.,

14 Main Street, Winnipeg

Saskatchewan

Textile Weaving & Carpet Cleaning Works

406-20th St. W., Saskatoon

Alberta

Calgary Carpet & Rug Mfgs. (D.A. Stoddart)

Rear 919-17th. Ave., W., Calgary.

British Columbia

Pacific Coast Fluff Rug Co. (Hugh Nicol)
Vancouver Fluff Rug Co. (Fred'k S. Lockett)

1069 Richard St., Vancouver
806 - 17th. Ave., Vancouver

THE AMERICAN TRADING COMPANY

NEW YORK, N.Y.

AT A
SPECIAL MEETING
OF THE BOARD OF DIRECTORS

RESOLVED, That the
dividend of \$1.00 per share
be paid to the stockholders
of record on the 1st day of
January, 1901.

AND RESOLVED, That the
dividend of \$1.00 per share
be paid to the stockholders
of record on the 1st day of
January, 1901.

IN WITNESS WHEREOF

THE BOARD OF DIRECTORS

JOHN J. HARRIS, President
JAMES H. HARRIS, Vice-President
JOHN J. HARRIS, Secretary
JAMES H. HARRIS, Treasurer

JOHN J. HARRIS, President
JAMES H. HARRIS, Vice-President
JOHN J. HARRIS, Secretary
JAMES H. HARRIS, Treasurer

ATTEST:

ATTEST:

JOHN J. HARRIS, Secretary
JAMES H. HARRIS, Treasurer

JOHN J. HARRIS, Secretary
JAMES H. HARRIS, Treasurer

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JAMES H. HARRIS, Treasurer

JOHN J. HARRIS, Secretary
JAMES H. HARRIS, Treasurer

Firms Manufacturing Woollen Goods, n. e. s.

Nova Scotia

Consolidated Rendering Co.,

Nesbitt St., Windsor

Wool pulling

New Brunswick

John Kimble & Son, Ltd.,

1-15 Kimball St., St. John Wool pulling

Quebec

Beckwith Box Toe, Ltd.,

66 E. Belvidere St. Sherbrooke

Wool felt goods

Ayers, Ltd.,

Lachute Mills

Wool felt goods

Montreal Blanket Co.

1600 St. Patrick St.

Montreal

Shoddy

Kendax Manufacturing Co. Ltd.,

358 St. Peter St.,

St. Johns

Wool felt goods

Ontario

E. Leadlay & Co.,

896 Queen St. W., Toronto

Wool pulling

Toronto Wool Scouring Co.,

2 Mark St., Toronto

Wool pulling

Canadian Consolidated Felt Co., Ltd.,

84 Margaret Ave.,

Kitchener

Wool felt goods

Kenwood Mills, Ltd.,

Arnprior

Wool felt goods

Code Felt & Knitting Co., Ltd.,

Perth

Wool felt goods

The Rumpel Felt Co., Ltd.,

60 Victoria St.,

Kitchener

Wool felt goods

Perriots & Spencer (Canada) Ltd.

Lettridge St.,

Hamilton

Wool felt goods

Brantford Mill Stock Co.,

31 Jarvis St., Brantford

Shoddy

Empire Wool Stock Co.,

51 Stuart St., W.,

Hamilton

Shoddy

General Wool Stock Co.

121 Logan Ave., Toronto,

Shoddy

Home Wool Stock Co.

9 Foster Place, Toronto,

Shoddy

Otto Homuth & Sons

Preston

Shoddy

Simcoe Wool Stock Co. (H.J. Brock)

Simcoe

Shoddy

The Smith Mfg., Co., Ltd.,

201 Front St., E.,

Toronto

Shoddy

Yorkshire Wool Stock Mills, Ltd.,

Almonte

Shoddy

The American Pad & Textile Co.

Queen St., Chatham

Horse Clothing

Burlington Windsor Blanket Co. Ltd.,

787-793 King St., W.,

Toronto

Horse Clothing

British Columbia

Legallet, Hellwig, Norton Co.,

365 Second Ave., W.,

Vancouver

Wool pulling

Manitoba

Swan Manufacturing Co.,

532 Ellice Avenue,

Winnipeg

Wool felt goods



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