

34-209

C.1

Historical File Copy

STATISTICS CANADA  
LIBRARY  
BIBLIOTHEQUE

CANADA

APR 26 2011

DEPARTMENT OF TRADE AND COMMERCE

LIBRARY

DOMINION BUREAU OF STATISTICS

BIBLIOTHEQUE

CENSUS OF INDUSTRY

PRELIMINARY REPORT

on the

WOOLLEN TEXTILE INDUSTRY

in

CANADA

1925

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

1927

POS-7E

19

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, 1925.

Ottawa, February, 1927.- The annual report of the Woollen Textile Industry in Canada for the calendar year 1925 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 decreased since last report by 3, woollen yarn mills by 1, carpets, mats and rugs by 2 and woollen textile mills, n.e.s. by 1.

Provinces	Woollen cloth mills	Woollen yarn mills	Carpets, mats and rugs	Woollen goods, n.e.s. <sup>1</sup>	All woollen textile mills
CANADA	57	16	16	30	119
Nova Scotia	3	1	-	1	5
New Brunswick	2	3	1	1	7
Quebec	10	1	-	5	16
Ontario	42	11	11	22	86
Western Provinces	-	-	4	1	5

<sup>1</sup> Woollen goods, n.e.s. includes - wool felts, wool pulled, etc., wool stock (shoddy) 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, 162 individual establishments reported during 1925 and 15 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 1925 was \$50,301,986, of which the hosiery industry accounted for \$48,555,434 and the dyeing industry for \$1,746,552.



THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1925.

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 1925 for the Dominion as a whole.

Summary of the Woollen Textile Industry, by Sections.  
1925.

Principal Statistics		Woollen cloths	Woollen yarns	Carpets, mats and rugs	Woollen goods, n.e.s.	Total Woollen Textile Industries
Establishments	No.	57	16	16	30	119
Capital investment	\$	21,342,909	9,041,892	4,080,905	7,849,502	42,315,208
Employees on salaries -						
Male	No.	215	32	119	69	435
Female	No.	45	20	31	27	123
Salaries	\$	684,897	152,325	309,386	274,850	1,421,458
Employees on wages -						
average of -						
Male	No.	2,135	726	486	698	4,045
Female	No.	2,031	656	225	285	3,197
Wages	\$	3,227,369	940,753	584,457	737,933	5,490,512
Outside piece-workers -						
Female	No.	-	100	-	-	100
Amount paid	\$	-	3,117	-	-	3,117
Cost of fuel	\$	319,766	77,647	51,353	68,564	517,330
Power employed -						
Units	No.	584	186	372	286	1,428
Capacity	H.P.	11,388	3,124	2,982	5,062	22,556
Cost of materials	\$	9,415,211	4,787,202	1,432,494	3,141,761	18,776,668
Value of products	\$	15,499,326	7,332,093	2,905,251	5,513,230	31,249,900
Value added by manufacture	\$	6,084,115	2,544,891	1,472,757	2,371,469	12,473,232

Compared with 1924 there was a decrease of 7 in the number of establishments reporting, of 67 in the number of male employees on salaries, of 5 in the number of females on salaries, of 336 in the number of female employees on wages, of \$216,287 in the payments to wage-earners, of \$8,950 in the cost of fuel, whilst, on the other hand, increases appear in the amount paid for salaries of \$976, of 55 in the number of males employed on wages, of 787 in horse power installed, of \$1,451,459 in the cost of materials, of \$1,074,764 in the value of products but the largest decrease of all is to be found in the item of capital investment amounting to \$2,809,320 largely accounted for in the lesser number of establishments reporting.

# SECTION 1. - WOOLLEN CLOTH MILLS

3.

## Principal Statistics compared for Canada and the provinces in 1924 and 1925.

A comparison by provinces of the principal statistics in woollen cloth mills for the calendar years 1924 and 1925 is offered in Table 1. The number of mills reporting decreased during the period by 3 and the gross value of products increased by \$494,245. 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, 1924.

Principal Statistics		CANADA	Ontario	Quebec	Nova Scotia and New Brunswick
Establishments	No.	60	45	9	6
Capital invested	\$	22,551,881	19,169,232	2,638,266	744,383
Employees on salaries -					
Male	No.	224	177	26	21
Female	No.	59	48	6	5
Salaries	\$	710,535	613,673	62,647	34,215
Employees on wages (avge.No.) -					
Male	No.	2,340	1,967	281	92
Female	No.	2,067	1,669	311	87
Wages paid	\$	3,414,615	2,906,550	398,174	109,891
Outside piece-workers -					
Female	No.	19	19	-	-
Payments to	\$	2,617	2,617	-	-
Cost of fuel	\$	323,472	265,844	44,474	13,154
Power employed -					
Units	No.	707	658	39	10
Capacity	H.P.	12,765	10,604	1,648	513
Cost of materials	\$	8,392,939	7,050,864	1,091,867	250,208
Value of products	\$	15,005,081	12,866,087	1,698,303	440,691
Value added by manufacture	\$	6,612,142	5,815,223	606,436	190,483

Principal Statistics of Woollen Cloth Mills, by provinces, 1925.

Principal Statistics		CANADA	Ontario	Quebec	Nova Scotia and New Brunswick
Establishments	No.	57	42	10	5
Capital invested	\$	21,342,909	18,128,132	2,546,210	668,567
Employees on salaries -					
Male	No.	215	161	27	27
Female	No.	45	37	4	4
Salaries	\$	684,897	566,928	88,138	29,831
Employees on wages (avge.no.) -					
Male	No.	2,135	1,765	294	76
Female	No.	2,031	1,619	338	74
Wages	\$	3,227,369	2,745,851	390,917	90,601
Cost of fuel	\$	319,766	262,122	45,267	12,377
Power employed -					
Units	No.	584	504	71	9
Capacity	H.P.	11,388	8,914	2,006	468
Cost of materials	\$	9,415,211	7,773,375	1,388,541	253,295
Value of products	\$	15,499,326	12,982,583	2,058,704	458,039
Value added by manufacture	\$	6,084,115	5,209,208	670,163	204,744



# SECTION 1. - WOOLLEN CLOTH MILLS

In this section there was a net decrease of 3 in the number of operating plants as compared with 1924. (See table on page 1 for location of plants by provinces).

## Production, 1925.

Notwithstanding the reduction in the number of operating plants there was a considerable increase in the value of production as compared with 1924, amounting to \$494,245. The province of Ontario contributed \$12,982,583 or 83.8 per cent of the total value of production, Quebec \$2,058,704 or 13.3 per cent and the Maritime Provinces \$458,039 or 2.9 per cent. The items of cashmeres, tweeds, etc. and coating serges, etc. both for men's wear show increases, whilst the items for women's wear also show considerable increases.

Table 2.- Production in Woollen Cloth Mills in Canada, 1925.

Classes of Products	All Wool Woven Goods		Union goods (Cotton mixed) Yards	Goods woven on cotton warps with weft wholly of wool worsted, etc. Yards	Selling Value at the factory or mill \$
	Woollen Yards	Worsted Yards			
Cashmeres, chevicts, tweeds, flannel, etc. men's wear	1,086,202	-	698,557	403,272	1,569,550
Overcoatings, cloakings, etc. for men's or women's wear	1,414,627	-	-	-	2,039,587
Coatings, serges and suitings, men's wear	95,098	450,985	-	857,296	2,952,418
Dress goods, sackings, tricots, etc. for women's wear	680,785	306,192	260,000	-	1,605,615
Flannels for underwear	660,644	-	314,649	-	819,365
Blankets	137,309	-	-	-	107,976
Jersey cloth and stockinette	50,825	-	-	-	70,059
Blanket cloth	19,934	-	-	-	27,264
Mackinaw cloth	703,293	-	-	-	900,154
Velours and plushes	335,243	-	-	241,856	1,141,818
Astrakhans and similar goods	-	-	-	-	-
Auto cloths	303,117	-	-	-	597,706
Cotton yarn			pounds	158,145	68,542
Woollen yarns			"	1,340,797	879,365
Worsted yarns			"	947,496	880,854
Blankets			"	611,621	430,986
Blankets			pairs	3,250	20,664
Sheeting			yards	2,060	1,995
Wool felts for pulp and paper making			pounds	38,598	113,492
Carriage robes, rugs and cloths			yards	11,284	22,655
Horse blankets and saddle blankets			yards	29,630	35,578
Shawls			No.	2,715	42,448
Sweaters			dozen	19,257	455,693
Fancy knit goods			"	20,056	160,539
Hosiery			"	17,530	65,662
Glove, shoe and other linings			yards	53,335	34,668
All other products			-	-	341,018
Custom work			-	-	113,655
Total Selling Value of Products			-	-	15,499,326

Capital Investment

The amount of capital invested in the woollen cloth section of the industry in 1925 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 34.9 per cent of the total investment, Quebec 11.92 per cent and the Maritime Provinces 3.13 per cent. Fixed capital decreased by \$330,712 over 1924, while working capital, more variable in character, decreased by \$1,578,260, leaving a net decrease of \$1,205,972.

Table 3.- Capital invested by provinces, 1925.

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	11,448,001	5,753,712	4,141,196	21,342,909
Nova Scotia and New Brunswick	331,795	248,223	38,549	668,567
Quebec	1,621,371	625,322	299,517	2,546,210
Ontario	9,494,835	4,880,167	3,753,130	18,128,132

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 4,709 persons of both sexes in 1924 to 4,526 in 1925, and the total of salaries, wages, etc. from \$4,127,767 in 1924 to \$3,912,266 in 1925, being a decrease of 183 in the number employed and of \$215,501 in the total payroll.

Table 4.- Employees, Salaries and Wages, by Provinces, 1925.

Employees by number and sex		CANADA	Ontario	Quebec	Maritime Provinces
Salaried employees -					
Male	No.	215	161	27	27
Female	No.	45	37	4	4
Total Salaries	\$	684,897	566,928	88,138	29,831
Wage-earning employees -					
Male	No.	2,135	1,765	294	76
Female	No.	2,031	1,619	338	74
Total wages	\$	3,227,369	3,312,779	390,917	90,601
Outside, piece-workers -					
Female	No.	5	5	-	-
Amount paid	\$	1,345	1,345	-	-
Total, all employees -					
Male	No.	2,358	1,926	321	103
Female	No.	2,076	1,664	342	78
Salaries and Wages	\$	3,913,611	3,314,124	479,055	120,432



## SECTION 1.- WOOLLEN CLOTH MILLS

## Employment Statistics - continued

Statistics of employment by months, as per payroll, in the woollen cloth mills of Canada are shown in Table 5, for the calendar year 1925. The maximum of employment was attained in the month of April with a total of 4,276 of both sexes, whilst the month of minimum employment was that of January with a total of 3,980. The average monthly employment for the year was 4,166 of whom 2,135 were males and 2,031 were females.

Table 5. - Employment by Months as per payroll, 1925.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	2,029	1,951	July	2,171	2,010
February	2,076	2,004	August	2,182	1,980
March	2,158	2,111	September	2,111	1,994
April	2,142	2,134	October	2,109	2,015
May	2,137	2,093	November	2,152	2,046
June	2,151	1,996	December	2,110	1,999
Total employment by months				25,528	24,333
Average monthly employment for the year				2,135	2,031

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 of 674 days as compared with 1924. The hours of labour by employees also show an increase from 8.23 hours per day in 1924 to 9.74 in 1925 whilst weekly hours fell from the average of 52.65 in 1924 to 52.37 in 1925.

Table 6.- Working time of plants and employees, 1925.

Number of establishments reporting	57	
	Totals	Averages
Days plants were in operation -		
On full time	12,908	226.46
On part time	1,294	22.70
Idle	2,822	49.52
Hours worked by wage-earners -		
Per day or shift	43,551	9.74
Per week	2,985	52.37

## 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. Compared with 1924 there was a decrease in the total cost of fuel amounting to \$3,706. The principal fuel used was bituminous coal which fell from 46,160 tons in 1924 to 45,297 tons in 1925. The average price of bituminous coal of all grades was \$6.80 in 1924 as against \$6.70 in 1925.

Table 7.- Fuel Consumption by classes, quantity and value, 1925.

Classes of fuel	Unit of Measure	Quantity	Cost value delivered at mill
Bituminous coal	ton	45,297	\$ 303,622
Anthracite coal	"	582	5,120
Gasoline	gallon	2,837	832
Wood	cord	2,746	9,458
All other fuel, not specified	-	-	734
Total cost of Fuel	-	-	319,766



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 1925. Electric motors were still the principal power used having decreased by 145 units and an aggregate of 880 horse power over 1924. Boilers installed for any purpose numbered 72 with a boiler horse power capacity of 7,912.

Table 8.- Power Installation, 1925.

Classes of power	Number of units	H. P. according to manufacturers' rating
Steam engines and turbines	15	2,393
Oil, gas and gasoline engines	2	17
Hydraulic turbines or water wheels	38	2,860
Electric motors operated by purchased power	499	5,871
Total power used in manufacturing	554	11,141
Electric motors operated by owned power	30	247
Total electric motors	529	6,118

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 1925 was \$9,415,211 or \$1,022,272 more than the preceding year. The higher cost of the raw and partly manufactured materials such as wool, tops, wastes and noils in the former, and yarn of all kinds in the latter class, accounts for the variation in the total cost as stated above. Wool constituted about 50 per cent of the total cost of materials, yarns purchased of all kinds, 10.5 per cent and chemicals, dyestuffs, etc. 4.4 per cent.

Table 9.- Materials used by principal classes, 1925.

Classes of materials	Unit of Measure	Quantity	Cost value at mill or factory
Wool, domestic, in condition purchased	pounds	2,124,210	\$ 889,868
Wool, foreign, in condition purchased	"	4,382,317	2,127,883
Wool, foreign and domestic in scoured condition	"	2,167,699	1,283,968
Mohair	"	117,743	166,424
All other animal hair	"	115,608	39,021
Tailors clippings, rags, etc.	"	1,001,738	91,567
Cotton, raw	"	652,740	147,795
Shoddy, mungo and wool extract	"	1,950,304	377,720
Wool waste and noils	"	1,434,344	732,230
Merino yarns (cotton mixed)	"	27,285	29,751
Tops	"	1,475,661	1,108,172
Woollen yarns	"	3,236	1,729
Worsted yarns	"	400,936	764,837
Cotton yarns	"	557,258	313,826
Silk yarns	"	7,749	37,129
Silk waste	"	67,030	39,367
Cotton waste	"	168,204	51,811
Jute, ramie, and other yarns of vegetable fibre	"	564	86
Chemicals and dyestuffs (value only)	-	-	408,825
All other materials (value only)	-	-	803,202
Total cost of Materials	-	-	9,415,211

SECTION 1. - WOOLLEN CLOTH MILLSEquipment in Woollen Cloth Mills

The equipment installed in the mills operating in 1925 consisted of 259 sets of cards of specified widths, the number at each width being indicated below:

Under 40 inches	40 inches	44 inches	48 inches	50 inches	54 inches	60 inches	66 inches	72 inches	Total
5	38	12	61	5	12	83	5	18	259

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

1 Cylinders	2 Cylinders	3 Cylinders	4 Cylinders	5 Cylinders	6 Cylinders	Total
22	35	129	52	15	6	259

The number of spindles and looms operating in 1925 is summarized in the following tabular statement.

Spindles and looms	Woollen No.	Worsted No.	Shoddy No.	Cotton No.	Mohair No.	Total No.
Mule spinning spindles	77,164	-	-	1,300	-	78,464
Frame spinning spindles	957	21,776	-	576	-	23,309
Doubling and twisting spindles	3,452	9,118	-	600	-	13,170
Broad looms (50" reed space or over)	1,269	106	-	10	10	1,395
Narrow looms (under 50" reed space)	65	2	-	108	-	175
Hand looms	4	-	-	-	-	4

Other EquipmentNumber

Wool combing machines

24

Pickers

80

Garnet machines

12



## SECTION 1.- WOOLLEN CLOTH MILLS

9

## Imports, Woollen Textiles, 1925.

The quantity and value of the chief imports of woollen textiles for the calendar year 1925 is shown in Table 10 by principal countries. The total value of all imports during the calendar year 1925 amounted to \$44,671,193 of which the United Kingdom supplied \$39,337,578, the United States \$3,673,936 and Other Countries \$15,333,615. Imports from the United Kingdom of wool and its products were 79.17 per cent of the total, from the United States 8.89 per cent and from Other Countries 11.94 per cent.

Table 10.- Chief Imports by Principal Countries, calendar year 1925.

Articles		Quantity	Value
\$			
Raw Materials:-			
Wool, raw -		13,551,169	6,545,476
United Kingdom	lb.	5,209,591	2,317,914
United States		682,780	404,953
Australia		647,366	275,343
Argentina		58,904	42,710
Belgium		180,511	73,535
British India		75,476	42,047
British South Africa		73,320	71,771
France		530,833	236,200
New Zealand		67,555	25,343
Other countries		4,609,426	3,251,359
Worsted tops -	lb.	4,279,314	2,383,123
United Kingdom		93,677	60,784
United States		102,490	109,559
Australia		32,392	28,584
Belgium		161,553	169,309
France		844,922	560,154
Wool noils -	lb.	734,091	488,252
United Kingdom		47,343	22,744
United States		55,231	40,644
Australia		8,257	8,514
Other countries		477,357	137,815
Wool waste -	lb.	323,414	93,235
United Kingdom		153,943	44,580
United States			
Partly Manufactured Materials:-			
Wool yarns -	lb.	2,452,113	3,312,501
United Kingdom		2,377,166	3,201,659
United States		1,087	2,958
Belgium		5,059	5,672
France		68,141	102,352
Other countries		660	860
Mohair yarns -	lb.	114,276	165,574
United Kingdom		91,259	147,111
United States		23,017	18,463
Alpaca yarn -	lb.	37,342	23,878
United Kingdom		32,412	20,734
United States		4,930	3,144
Woollen and worsted yarns, dyed, etc.-	lb.	1,781	2,241
United Kingdom		1,762	2,204
United States		19	37
Woollen and worsted yarn, n.o.p. -	lb.	192,135	283,816
United Kingdom		181,005	271,582
United States		1,575	3,262
France		6,443	8,626
Other countries		109	144
Wholly Manufactured Goods:-			
Felt cloth, n.o.p.	yd.	12,795	39,925
United Kingdom		928	2,300
United States		5,945	15,380
Belgium		11,497	21,870
Other countries		425	375

## SECTION 1. - WOOLLEN CLOTH MILLS

Imports - Woollen Textiles, 1925 - continued

Articles		Quantity	Value
			\$
Wholly Manufactured Goods - continued			
Flannels, plain	Yd.	770,779	306,210
United Kingdom		749,070	291,606
United States		2,556	2,580
France		19,153	12,024
Fabrics of wool, lustres, etc.-	Yd.	1,837,324	1,039,454
United Kingdom		1,806,278	1,015,537
United States		28,357	22,079
Other countries		2,689	1,838
Overcoatings -	Yd.	252,788	383,526
United Kingdom		247,112	369,286
United States		1,057	3,277
Other countries		4,619	10,963
Tweeds -	Yd.	3,201,819	3,065,564
United Kingdom		3,157,702	2,993,772
United States		9,580	21,783
France		21,313	31,020
Netherlands		7,080	9,023
Other countries		6,144	9,966
Dress goods, women's, etc. -	Sq. yd.	5,531,513	2,643,850
United Kingdom		3,807,630	1,711,543
France		1,720,038	930,181
Other countries		3,845	2,126
Worsted and serges, etc. -	Yd.	2,201,298	12,487,601
United Kingdom		8,004,119	10,925,001
United States		129,899	147,520
Belgium		9,667	8,656
Czecho-Slovakia		116,635	190,723
France		804,570	1,002,284
Germany		36,985	87,851
Netherlands		22,338	34,733
Switzerland		12,424	17,880
Other countries		64,661	72,953
Blankets, wool	Pr.	127,174	611,709
United Kingdom		111,552	553,326
United States		10,885	51,725
Other countries		4,737	6,658
Knitted goods of wool, n.o.p.		-	699,517
United Kingdom		-	638,263
United States		-	28,990
France		-	19,799
Switzerland		-	5,530
Other countries		-	6,935
Shawls, wool -		-	90,341
United Kingdom		-	76,194
United States		-	4,405
Other countries		-	9,742
Shirts, wool	Doz.	1,146	16,502
United Kingdom		1,131	16,137
United States		15	371
Socks and stockings, wool -	" pr.	548,800	2,543,333
United Kingdom		535,952	2,493,988
United States		12,011	41,262
Other countries		837	8,083
Undershirts and drawers, n.o.p. -		-	396,994
United Kingdom		-	376,038
United States		-	4,466
Other countries		-	16,490
Clothing, women's and children's -		-	727,216
United Kingdom		-	209,870
United States		-	448,569
France		-	62,374
Other countries		-	6,403



## SECTION 1. - WOOLLEN CLOTH MILLS

11.

## Imports - Woollen Cloth Mills, 1925 - continued

Articles	Quantity	Value
		\$
Wholly Manufactured Goods:- continued		
Clothing, ready made, n.o.p.	-	1,792,397
United Kingdom	-	1,580,356
United States	-	187,239
France	-	21,365
Other Countries	-	3,437
Felt, pressed - Lb.	425,888	291,826
United Kingdom	115,328	77,018
United States	123,029	93,635
Czecho-Slovakia	64,544	38,240
Germany	62,027	50,285
Other countries	60,960	32,648
Cassimeres -	-	3,184,689
United Kingdom	-	2,080,692
United States	-	424,597
Czechô-Slovakia	-	27,843
France	-	534,163
Germany	-	38,324
Switzerland	-	33,317
Other countries	-	45,753
Other woollen goods (Prunella cloth, rugs, bed comforters, etc.) -	-	67,719
United Kingdom	-	62,735
United States	-	3,436
Other Countries	-	1,548
Summary of Imports by total of classes -		
Raw Materials	-	10,494,804
Partly Manufactured Materials	-	3,788,010
Wholly Manufactured Goods	-	30,388,379
GRAND TOTAL VALUE OF IMPORTS	-	44,671,193

## SECTION 1.- WOOLLEN CLOTH MILLS

## Exports of Wool and Its Products

The exports of Canadian wool and manufactures for the calendar year 1925 are shown in Table 11. The total value of exports during 1925 was \$3,107,411 as compared with \$2,968,388 in 1924, an increase of 4.47 per cent. Of the total value of Canadian produce exported 80 per cent went to the United States, 7.5 per cent to the United Kingdom and 11.6 per cent to Other Countries.

Table 11.- Exports of Canadian Produce by principal Countries. calendar year 1925.

Articles and Countries		Quantity	Value
			\$
Wool, raw -	Lb.	6,350,608	2,501,558
To United Kingdom		110,788	167,528
United States		6,234,490	2,331,745
Newfoundland		4,737	2,060
Other countries		593	225
Wool carpets -		-	11,799
To United Kingdom		-	4,765
United States		-	5,223
Newfoundland		-	1,185
Other countries		-	626
Wool fabrics -	Yd.	13,973	23,578
To United Kingdom		3,709	5,735
United States		2,175	2,735
Newfoundland		7,723	14,554
Other countries		366	554
Woollen underwear -		-	74,876
To United Kingdom		-	4,275
United States		-	2,655
Newfoundland		-	63,478
Other countries		-	4,468
Wool clothing, n.o.p.		-	309,982
To United Kingdom		-	43,654
United States		-	14,511
Newfoundland		-	207,071
Other countries		-	44,746
Woollens, n.o.p. -		-	185,618
To United Kingdom		-	7,071
United States		-	157,166
Newfoundland		-	16,617
Other countries		-	4,764
Total Wool and Its Products -		-	3,107,411
To United Kingdom		-	233,028
United States		-	2,514,035
Other Countries		-	360,348
Summary of Exports by classes -			
Raw Materials		-	2,501,558
Manufactured Goods		-	605,853
GRAND TOTAL VALUE OF EXPORTS		-	3,107,411



Statistics of the woollen yarn industry in Canada for the calendar year 1925 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 1923, 1924 and 1925.

Table 1.- Principal Statistics of the Woollen Yarn Industry, 1923-25.

Principal Statistics		1925	1924	1923
Establishments reporting	No.	16	17	19
Capital invested	\$	9,041,892	9,856,783	9,279,418
Employees on salaries -				
Male	No.	32	44	46
Female	No.	20	19	22
Salaries	\$	152,325	164,899	157,465
Employees on wages, average -				
Male	No.	726	684	618
Female	No.	656	874	778
Wages	\$	940,753	933,052	1,013,898
Power installed -				
Units	No.	186	181	190
Capacity	H.P.	3,124	2,923	4,598
Cost of fuel	\$	77,647	85,835	112,227
Cost of materials	\$	4,787,202	4,646,180	4,333,348
Value of products	\$	7,332,093	6,671,254	7,405,132
Value added by manufacture	\$	2,544,891	2,025,074	3,071,784

#### 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 rose from \$6,671,234 in 1924 to \$7,332,093 or an increase of 9.8 per cent. The province of Ontario alone accounted for over 83 per cent of the total production in the Dominion.

Table 2.- Production of Woollen Yarns, etc. 1925.

Articles produced	Unit of Measure	Quantity	Selling Value at mill or factory
Cotton yarns	pound	2,163,846	\$ 895,429
Woollen yarns	"	787,513	618,711
Worsted yarns	"	3,425,221	3,760,842
Wool and worsted tops	"	1,623,509	1,025,940
Wool waste and noils	"	341,580	90,861
Wool felts for pulp and paper making	"	68,428	98,820
Carpets, axminster, etc., cut pile	lineal yd.	62,746	378,350
Carpets, tapestry, Brussels, etc.	" "	103,741	226,356
Blankets	pound	378,840	173,809
All other products (value only)	-	-	62,975
Total Value of Products	-	-	7,332,093

### Capital Investment

The amount of capital invested in the woollen yarn industry in 1925 is shown by items and provinces in Table 3. Fixed capital comprising land, buildings, machinery and tools, which in 1924 amounted to \$4,153,869 increased during the year by \$238,385, whilst working capital comprising materials, stocks and supplies on hand and cash, trading and operating accounts on the other hand decreased by \$1,053,276. Total capital therefore shows a decrease over 1924 of \$814,891. Ontario provided 89.8 per cent of the total capital, Quebec 9.8 per cent and the Maritime provinces one third of one per cent.

Table 3.- Capital invested in Woollen Yarn Mills, by Provinces, 1925.

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	452,601	260,549	209,851	923,001
Ontario	3,939,653	1,566,255	2,612,983	8,118,891
TOTAL	4,392,254	1,826,804	2,822,834	9,041,892

### 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 65 per cent of the male employees, 91.1 per cent of the females and expended in salaries and wages, etc. 82 per cent of the total for the Dominion.

Table 4.- Employees by Number, Sex and Remuneration, 1925.

Employment by Classes, etc.		CANADA	Ontario	Maritime Provinces and Quebec
Salaried employees -				
Male	No.	32	31	1
Female	No.	20	18	2
Total Salaries	\$	152,325	150,557	1,768
Wage-earners, average number -				
Male	No.	726	462	264
Female	No.	656	589	67
Total Wages	\$	940,753	746,272	194,481
Outside piece workers -				
Female	No.	100	100	-
Total Payment	\$	3,117	3,117	-
TOTAL -				
Employees, male	No.	758	493	265
Employees, female	No.	776	707	69
Salaries and wages	\$	1,096,195	899,946	196,249



Table 5 presents the statistics of employment during 1925 according to number and sex of wage-earner by months. The maximum of employment was reached in the month of December with a total of 1,490 employees of whom 771 were males, and 719 were females. The minimum of employment was reached in July with a total of 1,196 employees of whom 618 were males and 578 were females. The average employment for the year was 726 males and 656 females.

Table 5.- Employment by months and sex, 1925.

Months	Males No.	Females No.	Months	Males No.	Females No.
January	686	618	July	618	578
February	709	627	August	703	643
March	715	661	September	725	673
April	725	661	October	756	687
May	749	639	November	775	698
June	743	642	December	771	719
Total employment during the year				8,675	7,846
Average monthly employment during year				726	656

Working Time.- Table 6 shows the number of days that plants were in operation during 1925, whether on full time, part time or idle together with the hours of labour worked by employees per day and per week. The average time per plant lost through idleness decreased by 21.08 days over the preceding year. Hours worked per day increased from 9.0 in 1924 to 9.17 in 1925.

Table 6.- Working time of Plants and Employees, 1925.

Number of operating plants	16	
	Totals	Averages
Days plants were in operation-		
On full time	3,682	230.13
On part time	436	27.25
Idle	746	46.62
Hours worked by employees		
Per day or shift	14,143	9.17
Per week	828	51.75

#### Fuel Consumption

The quantity and value of the fuel consumed by the woollen yarn industry is shown in Table 7 for the calendar year 1925. The cost of fuel shows a decrease of over 9.5 per cent as compared with 1924, when the total outlay was \$85,835. Bituminous coal accounted for over 99 per cent of the total outlay in 1925.

Table 7.- Fuel Consumption by Classes, 1925.

Classes of Fuel	Unit of measure	Quantity	Cost Value at Factory
Bituminous coal	ton	11,737	\$ 77,067
Gasoline	gallon	150	40
Wood	cord	100	277
Gas, artificial or natural	m.c.ft.	581	261
Other fuel	-	-	2
Total cost of Fuel	-	-	77,647

The power installed in woollen yarn mills in 1925 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. The cost of electricity purchased was \$38,351 which is equal to \$16.65 per horse power purchased.

Table 8.- Power Installation, 1925.

Classes of power	Number of Units	Horse Power according to manufacturers' rating
Steam engines and turbines	3	265
Oil, gas and gasoline engines	1	18
Hydraulic turbines or water wheels	6	389
Electric motors operated by purchased power	171	2,302
Total power used in manufacturing	181	2,974
Electric motors operated by owned power	5	150
Total electric power used	176	2,452

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 1925. Raw wool represented 29.4 per cent, tops and noils 47 per cent, and woollen and worsted yarns 6 per cent of the total cost of materials used during the year.

Table 9.- Materials used in Woollen Yarn Mills, 1925.

Kinds of Materials	Unit of Measure	Quantity	Cost Value at the factory or mill
			\$
Wool, domestic in condition purchased	pound	374,199	215,377
Wool, foreign in condition purchased	"	2,822,680	1,026,247
Wool, foreign and domestic in scoured condition	"	272,866	166,855
Wool waste and noils	"	67,967	36,684
Tops	"	3,342,366	2,208,138
Sheddy, munge and wool extract	"	358,964	64,919
Cotton, raw	"	398,559	101,703
Tailors' clippings, rags, etc.	"	513,234	93,036
Woollen yarns	"	672,981	194,533
Worsted yarns	"	212,214	179,910
Cotton yarns	"	58,032	31,127
Silk yarns	"	-	-
Linen yarns	"	63,400	20,873
Jute ramie or other yarns of vegetable fibre	"	148,273	17,793
Artificial silk yarns	"	3,270	6,558
Chemicals and dyestuffs (value only)	-	-	184,419
All other materials (value only)	-	-	239,026
Total Cost of Materials	-	-	4,787,200

Equipment

The equipment of the 16 mills reporting is shown in Table 10.

Table 10.- Equipment installed in Woollen Yarn Mills, 1925.

Kind	Woollen	Worsted	Cotton	Total
Sets of cards	57	18	4	79
Spindles, number:				
Mule spinning spindles	21,729	936	-	22,665
Frame spinning spindles	5,751	15,084	-	20,835
Doubling and twisting spindles	2,228	6,358	-	8,586
Broad looms (50 inches reed space or over)	54	-	-	54
Narrow looms (under 50 inches reed space)	66	-	-	66
Wool combing machines	-	-	-	14
Pickers	-	-	-	31
Garnet machines	-	-	-	5

Imports and Exports

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



The statistics of the manufactures of carpets, mats and rugs are dealt with in Section 3 of the woollen textile industry. In 1925 the number of individual establishments reporting was 16, of which 11 were in Ontario, 2 in British Columbia and 1 in each of Alberta, Saskatchewan and New Brunswick.

### Principal Statistics

A table showing the principal statistics of the industry for the calendar years 1923, 1924 and 1925 is given below for purposes of comparison.

Summary of Principal Statistics, 1923, 1924 and 1925.

Principal Statistics		1925	1924	1923
Establishments reporting	No.	16	18	23
Capital invested	\$	4,080,905	4,738,420	4,130,485
Employees on salaries -				
Male	No.	119	163	62
Female	No.	31	32	24
Total salaries	\$	309,386	285,131	154,768
Employees on wages, average number -				
Male	No.	486	453	660
Female	No.	225	181	285
Total wages	\$	584,457	559,780	893,055
Cost of fuel	\$	51,353	43,580	56,686
Power installed -				
Units	No.	372	205	78
Capacity	H.P.	2,982	1,853	1,522
Cost of materials	\$	1,432,494	1,122,151	1,638,149
Value of products	\$	2,905,251	2,725,779	3,808,914
Value added by manufacture	\$	1,472,757	1,603,628	2,170,765

### Production

The quantity and value of the principal items produced in the carpet factories of the Dominion are shown by provinces in Table 1. Nearly 99 per cent of the total value of production belongs to the province of Ontario. Carpets contributed 31.9 per cent and rugs woven whole 45.4 per cent of the total value of output.

Table 1.- Production of Carpets, Mats and Rugs, 1925.

Articles manufactured		CANADA		ONTARIO		Other Provinces	
		Quan.	Value	Quan.	Value	Quan.	Value
			\$		\$		\$
Carpets, Axminster, Wilton etc.	cut pile	295,662	897,992	295,662	897,992	-	-
Tapestry, Brussels etc.	uncut pile	20,785	30,654	20,785	30,654	-	-
Rugs, woven whole -							
Axminster, Wilton etc.	" "	514,583	1,275,016	514,583	1,275,016	-	-
Tapestry, Brussels, etc.	" "	27,816	46,521	27,816	46,521	-	-
Other woollen or worsted rugs	No.	103,209	209,358	103,209	209,358	-	-
Cocoa mats and matting	-	-	17,550	-	17,550	-	-
All other mats and rugs	-	-	189,594	-	175,662	-	23,769
All other products	-	-	238,566	-	222,210	-	3,044
TOTAL	-	-	2,905,251	-	2,874,963	-	26,813

## 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 decreased from over 1924 by \$657,515 or 13.8 per cent. Ontario's proportion of the total investment was over 99.4 per cent.

Table 2.- Capital invested by Provinces, 1925.

Items of Capital	CANADA	Ontario	Other Provinces
	\$	\$	\$
Fixed Capital:-			
Land, buildings, fixtures, machinery, etc.	1,648,560	1,631,791	16,769
Working Capital:-			
Materials, supplies and stocks in hand	671,898	669,513	2,385
Cash, trading and operating accounts, etc.	1,760,447	1,758,543	1,904
Total Capital	4,080,905	4,059,847	21,058

## Employment Statistics

Statistics relating to employment are shown in the following series of Tables for the calendar year 1925:-

- (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 842 persons in a total of 861 for the Dominion of approximately 97.8 per cent, while the amount paid for salaries and wages was 97.8 per cent of the total for the Dominion.

Table 3.- Employment by number, sex and remuneration in 1925, by provinces.

Employees by classes		CANADA	Ontario	Other Provinces
Employees on salaries -				
Male	No.	119	116	3
Female	No.	31	29	2
Total salaries	\$	309,386	301,870	7,516
Employees on wages, average number -				
Male	No.	486	474	12
Female	No.	225	223	2
Total wages	\$	584,457	573,092	11,365
Total employees -				
Male	No.	605	590	15
Female	No.	256	252	4
Salaries and wages	\$	893,843	874,962	18,881

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 March with a total of 739 persons of whom 517 were males and 222 females. The month of lowest employment was September when there were on the payroll a total of 671 of whom 456 were males and 215 were females. The average monthly employment was 486 males and 225 females as shown in Table 4.

Table 4.- Employment by months and sex, 1925.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	474	229	July	497	230
February	514	221	August	474	222
March	517	222	September	456	215
April	503	221	October	453	214
May	489	227	November	483	221
June	490	223	December	489	222
Total employment during the year				5839	2667
Average monthly employment during the year				486	225



## 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 29 days during the year as compared with the report for 1924, while part time operation decreased by 5.16 days. The difference between full and part time operation was 23.84 days, which is exactly the difference in time lost through plants being idle. There was also an increase in the working hours of employees as compared with 1924.

Table 5.- Operating time of plants and employees, 1925.

Number of establishments reporting	16	
	Totals	Averages
Days in operation -		
On full time	4,049	253.06
On part time	425	26.56
Idle	390	24.38
Hours worked by wage-earners -		
Per day or shift	7,129	9.06
Per week	785	49.06

## Fuel Consumption

The quantity and value of fuel consumed by the industry in 1925 is shown in Table 6 by classes. Compared with 1924 there was an increase in the total cost of fuel amounting to \$7,771, which is mainly accounted for by the increase in the quantity of coal of various classes reported.

Table 6.- Fuel Consumption by classes, 1925.

Classes of fuel	Unit of measure	Quantity	Cost value at factory
			\$
Bituminous coal	ton	7,779	48,039
Anthracite coal	"	26	402
Coke	"	6	96
Gasoline	gallon	5,114	1,386
Fuel oils	"	5,740	662
Gas, artificial and natural	m.c.ft.	467	413
All other fuels	-	-	353
Total cost of fuel	-	-	51,351

## Power Installation

The kinds of power installed in the carpet factories of the Dominion in 1925 are shown in Table 7. Electric motors supplied over 82 per cent of the total horse power installation in 1925 as compared with 72 per cent in 1924. The cost of electricity purchased during the year was \$21,339.

Thirteen boilers with a horse power capacity of 2,572 were reported as against 11 boilers of 2,544 horse power in 1924.

Table 7.- Power Installation, 1925.

Classes of power installed	Number of units	Horse power capacity according to manufacturers' rating
Steam engines and turbines	3	522
Oil gas and gasoline engines	1	3
Electric motors operated by purchased power	368	2,457
Total power used in manufactures	372	2,982

### Materials Used

The principal materials used in the industry in 1925 are shown by quantity and cost value in Table 8. The total value of materials used amounted to \$432,494 of which woollen and worsted yarns constituted \$724,858 or 50.6 per cent. This value represents an increase from the 1924 report of \$73,181 or approximately 11.2 per cent. The increase in the total cost of all materials used was a little more than 27.7 per cent.

Table 8.- Materials used by kinds, 1925.

Kinds of materials used	Unit of measure	Quantity	Cost Value
Woollen yarns	pounds	564,892	348,293
Worsted yarns	"	476,154	376,565
Cotton yarns	"	642,101	322,076
Linen yarns	"	76,748	22,869
Jute, ramie and other yarn of vegetable fibre	"	1,320,125	183,494
Chemicals and dyestuffs (value only)	-	-	84,498
All other materials (value only)	-	-	94,699
Total cost of materials	-	-	1,432,494

### Equipment in Carpet, Mat and Rug Factories

The equipment reported in the carpet, mat and rug factories of the Dominion in 1925 was as follows:-

Broad looms (50 inches reed space or over)	32
Narrow looms (under 50 inches reed space)	253
Other looms	26
Copiers	4
Winders	3
Twisters	4
Braiders	4
Knitting machines	23
Sewing machines	9

### Imports and Exports

Table 9 presents statistics of the imports and exports of Carpets, mats and rugs by principal countries for the calendar year 1925. The total value of imports was \$1,944,969 and the value of manufactured products \$2,905,251 so that for every dollar of product manufactured in Canada we import goods to the value of sixty-seven cents. The United Kingdom supplied \$1,147,078 of the value of imports for consumption or 59 per cent, the United States \$170,342 or 9 per cent and Other Countries \$627,549 or about 32 per cent.

Table 9.- Imports of carpets, mats and rugs by principal countries, for calendar year 1925.

Articles		Quantity	Value
			\$
Carpets, Axminster in rolls	Yd.		
United Kingdom		38,818	86,142
United States		481	1,002
Other Countries		-	-
TOTAL		39,299	87,144
Carpets, Axminster in sqs.	No.		
United Kingdom		7,706	192,576
United States		1,063	34,854
France		353	5,322
Other Countries		1,666	22,926
TOTAL		10,798	255,678
Carpets, Brussels and Wilton in rolls	Yd.		
United Kingdom		29,947	48,734
United States		800	443
Other Countries		480	578
TOTAL		31,227	49,755



Table 9 - Imports - Cont'd.

Articles	Quantity	Value
		\$
Carpets, Brussels, Wilton in sqs. No.		
United Kingdom	4,784	145,761
United States	127	5,319
Germany	202	5,249
Other Countries	397	6,278
TOTAL	5,506	162,607
Carpets, Ingrain 2 & 3 ply in rolls Yd.		
United Kingdom	5,966	13,069
United States	491	531
Other Countries	2,881	5,957
TOTAL	9,338	19,557
Carpets, Ingrain 2 & 3 ply in sqs. No.		
United Kingdom	2,562	30,111
United States	409	13,535
France	2,056	23,902
Other Countries	328	12,577
TOTAL	5,355	80,125
Carpets, oriental and hand woven in sqs. No.		
United Kingdom	7,056	276,383
United States	1,053	81,795
British India	1,160	32,272
China	1,513	74,660
Persia	3,047	131,535
France	404	13,986
Turkey	2,844	67,362
Greece	336	20,551
Other Countries	180	4,746
TOTAL	17,593	703,290
Carpets, tapestry and velvet in rolls Yd.		
United Kingdom	102,357	83,561
United States	5,255	6,127
France	7,149	9,871
Other Countries	355	848
TOTAL	115,116	100,407
Carpets, tapestry and velvet in sqs. No.		
United Kingdom	5,458	62,705
United States	121	1,615
Germany	4,006	33,099
Other Countries	410	7,563
TOTAL	9,995	104,982
Cocoa carpets, mats, and rugs-value only		
United Kingdom	-	563
United States	-	603
British India	-	12,307
Other Countries	-	6,815
TOTAL	-	20,288
Mats and rugs up to 3' x 6' and runners		
United Kingdom	-	207,473
British India	-	6,824
United States	-	24,518
France	-	52,389
Japan	-	37,868
Other Countries	-	31,963
TOTAL	-	361,136
Total value of imports by countries -		
United Kingdom	-	1,147,078
United States	-	170,342
British India	-	51,403
France	-	105,470
Germany	-	40,715
China	-	87,601
Japan	-	37,969
Greece	-	20,551
Persia	-	131,535
Turkey	-	67,362
Other Countries	-	84,943
TOTAL	-	1,944,969

Exports of Canadian produce are shown in Table 10 by principal countries, quantity and value, the total value in 1925 being \$14,125, an increase of \$6,210 over 1924.

Table 10.- Exports of Carpets, Mats etc. to principal countries for calendar year 1925.

Wool carpets (value only)	Quantity	Value
United Kingdom	-	\$ 6,291
United States	-	6,133
Newfoundland	-	1,175
Other Countries	-	526
<b>TOTAL EXPORTS</b>		<b>14,125</b>

#### SECTION IV. Woollen Goods, N.E.S.

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) overgaiters, spats and leggings. The number of individual plants reporting in this section during 1925 was 30 as compared with 31 in the preceding year. Of the plants in operation 22 were located in Ontario, 5 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, 1925.

Table 1 presents statistics of production by quantity and value within provinces for the calendar year 1925. Of the total value of output the province of Ontario contributed \$3,444,624 or 62.5 per cent, followed by Quebec with 32.07 per cent, whilst the remaining provinces produced but 5.43 per cent. The item of production showing the greatest value was pulp and paper, maker's felts amounting to \$2,137,638 or a little over 38 per cent. Shoddy mungo and wool extract being next with a value of \$684,669 or 12.4 per cent followed in order by pulled wool of the value of \$457,937. Blankets and sweatpads \$269,620, and cotton working gloves with \$191,400 are next in order with a decreased value of production of \$271,407.

Table 1.- Production in Woollen Goods Mills, n.e.s., by provinces, 1925.

Articles Manufactured	CANADA		Ontario		Quebec		Other Provinces	
	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
Felt Goods -								
Felt cloths Yd.	33828	96150	33828	96150	-	-	-	-
Boot and shoe linings "	442133	108362	442133	108362	-	-	-	-
Shoe felts "	25430	76291	25430	76291	-	-	-	-
Harness felts Lb.	32360	13268	32360	13268	-	-	-	-
Hair felts sq.ft.	8152	489	8152	489	-	-	-	-
Trimming and lining felts Yd.	826768	154697	826768	154697	-	-	-	-
Padding felts Lb.	13159	3948	13159	3948	-	-	-	-
Pulp & paper maker's felts "	1420914	2137638	465221	826464	955693	1311174	-	-
All other felts "	402824	136462	402824	136462	-	-	-	-
Shoddy, mungo and wool extract "	4888515	684669	3785213	495844	1103302	188825	-	-
Blankets and sweat-pads doz.	48920	269620	48920	269620	-	-	-	-
Blankets, other pr.	24500	158290	24500	158290	-	-	-	-
Blankets, other Lb.	152048	179732	60891	95545	91157	84187	-	-
Wool, pulled Lb.	904880	457937	525329	247740	-	-	379551	210197
Wool, scoured "	558600	151000	558600	151000	-	-	-	-
Wool, waste & noils "	29677	5418	29677	5418	-	-	-	-
Woollen yarns "	51032	16146	51032	16146	-	-	-	-
Pickled skins	-	183397	-	92943	-	-	-	90454
Overgaiters, spats etc. doz. or	10668	120281	8123	95121	2545	25160	-	-
Gloves, cotton " "	118089	191400	118089	191400	-	-	-	-
Box toes pr.	5724513	137103	-	-	5724513	137103	-	-
Batts, flocks and rolls Lb.	537670	21506	-	-	537670	21506	-	-



Table 1.- Production in Woollen Goods Mills, n.e.s., by provinces, 1925. (Cont'd)

Articles manufactured	CANADA		Ontario		Quebec		Other Provinces	
	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
Felt Goods - Con.								
Carded wool Lb.	5571	1493	5571	1493	-	-	-	-
Leather strip boxes	49600	21360	49600	21360	-	-	-	-
Slippers pr.	113800	73203	113800	73203	-	-	-	-
All other products -	-	113370	-	113370	-	-	-	-
Total Value of Output	-	5513230	-	7444624	-	1767955	-	300651

### 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 1925 shows a decrease in total of \$127,942, all of which is accounted for by the decrease in working capital amounting to \$441,387, the difference representing the increase in fixed capital amounting to \$313,445. Approximately 63 per cent of the total investment is credited to the province of Ontario, 33 per cent to Quebec and 4 per cent to the other provinces.

Table 2.- Capital investment by provinces, 1925.

Province	Fixed Capital	Working Capital		Total Capital
	Land, buildings, machinery and tools	Materials and supplies on hand	Cash, trading and operating accounts, etc.	
CANADA	\$ 4,799,354	\$ 1,576,935	\$ 1,473,213	\$ 7,849,502
Ontario	3,059,306	970,417	945,141	4,974,864
Quebec	1,702,233	421,316	461,460	2,585,009
Other provinces <sup>1</sup>	37,815	185,202	66,612	289,629

<sup>1</sup> Includes Nova Scotia, New Brunswick and British Columbia.

### Employment Statistics

Statistics of employment are presented in a series of Tables for the calendar year 1925 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 fell from 1,024 (584 males and 440 females), in 1924 to 983 (698 males and 285 females) in 1925. Salaries increased by \$14,933 and wages decreased by \$31,419. The province of Ontario supplied 64 per cent of the total employees and paid 67 per cent of the total of salaries and wages.

Table 3.- Employees, Salaries and Wages, by provinces, 1925.

Classes of employees		CANADA	Ontario	Quebec	Other Provinces
Salaried employees -					
Male	No.	69	47	19	3
Female	No.	27	24	3	-
Total salaries	\$	274,850	178,268	91,392	5,190
Employees on wages -					
Male	No.	698	410	268	20
Female	No.	285	208	77	-
Total wages	\$	737,933	501,421	218,493	18,019
Total Employees -					
Male	No.	767	457	287	23
Female	No.	312	232	80	-
Salaries and wages	\$	1,012,783	679,689	309,885	23,209

## 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 999 individuals were entered on the payroll and the minimum in the month of June when the number on the payroll was 923. The average monthly employment during the year was 983 of whom 698 were males and 285 were females.

Table 4.- Employment of wage-earners, by months and sex, 1925.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	677	276	July	645	283
February	681	282	August	651	273
March	686	284	September	668	282
April	672	269	October	660	294
May	656	285	November	691	308
June	637	286	December	683	305
Total employment during the year				8,007	3,427
Average monthly employment throughout year				698	285

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 6,964 days and part time for 495 days, whilst plants were idle for a total of 1,661 days. The hours of labour averaged 9.07 per day as against 8.71 in 1924 and 49.2 hours per week as compared with 49.84 hours in 1924.

Table 5.- Working time of plants and employees, 1925.

Number of operating plants	30	
	Totals	Averages
Days in operation -		
On full time	6,964	232.13
On part time	495	16.50
Idle	1,661	55.37
Hours worked by employees -		
Per day or shift	9,677	9.07
Per week	1,476	49.2

## 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 1925. Coal of all kinds constituted 88 per cent. of the total cost of fuel. Compared with 1924 the expenditure for fuel shows a decrease of \$4,829 or 6.6 per cent.

Table 6.- Fuel consumption, by classes, 1925.

Classes of fuel	Unit of measure	Quantity	Cost Value at Mill \$
Bituminous coal	ton	14,937	60,099
Anthracite coal	"	9	149
Coke	"	25	250
Fuel oils	gallon	1,317	527
Gas, artificial or natural	m.c.ft.	322	171
All other fuel (value only)	-	-	7,363
Total cost of fuel	-	-	68,564



The installation of power by classes and horse power as rated by the manufacturer, is presented in Table 7, for the calendar year 1925. Increases in installed h.p. capacity appear in hydraulic turbines of 90 h.p., electric motors operated by purchased power of 33 h.p. and internal combustion engines of 5 h.p. whilst steam engines and turbines decreased by 165 h.p., or a net decrease in horse power available for manufacturing purposes of 37 as compared with the preceding year.

The cost of electricity purchased during the year 1925 was \$29,861 as compared with an expenditure of \$31,496 in 1924.

Table 7.- Power installed in the woollen goods industry, 1925.

Classes of power	Number of units	Horse power according to manufacturers' rating
Steam engines and turbines	3	290
Oil, gas and gasoline engines	2	169
Hydraulic turbines or water wheels	7	1,041
Electric motors operated by purchased power	233	2,691
Total power for manufacturing purposes	245	4,191
Electric motors operated by power generated by the establishment	41	871
Total electric motors	274	3,562
Boiler installation	11	1,030

## Material 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 1925. The total cost of materials shows a decrease of \$22,178 over the preceding year. Wool and rags are the principal items showing lower total cost values in 1925 than in 1924. Wool which averaged 39.4 cents per pound in 1924 advanced to 58.8 cents in 1925, whilst rags and tailors clippings decreased from 11 cents per pound to a nearly 7.7 cents per pound.

Table 8.- Materials Used, 1925.

Kind	Unit of measure	Quantity	Cost Value at mill
Wool, domestic in condition purchased	pound	47,387	\$ 22,121
Wool, foreign in condition purchased	"	856,289	469,013
Wool, foreign and domestic in scoured condition	"	1,175,580	732,688
Animal hair, all kinds	"	292,166	26,295
Tailors' clippings, rags, etc.	"	3,741,075	287,572
Cotton, raw	"	34,508	8,972
Wool waste and noils	"	242,813	58,565
Cotton waste	"	376,656	71,087
Jute and other waste	"	160,000	3,200
Cotton yarns	"	290,865	110,527
Shoddy, mungo and wool extract	"	1,421,900	144,837
Chemicals and dyestuffs (value only)	-	-	48,240
All other materials (value only)	-	-	1,158,644
Total Cost of Materials	-	-	3,141,761

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., 1925.

Kind		Woollen	Shoddy	Cotton	Total
Sets of cards	No.	28	21	4	53
Spindles					
Mule spinning spindles	No.	2,660	-	-	2,660
Frame spinning spindles	No.	150	-	-	150
Doubling and twisting spindles	No.	40	-	-	40
Broad looms (50 inches reed space or over)	No.	51	-	-	51
Pickers	No.	33	-	-	33
Garnet machines	No.	12	-	-	12

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 9 and 10 and total exports on page 10 of this report.



Firms Manufacturing Woollen Cloths

## Nova Scotia.

Jas. Creelman & Sons  
Oxford Manufacturing Co., Ltd.  
St. Croix Woollen Mfg. Co. Ltd.

Newton Mills  
Oxford  
St. Croix, Newport Stn.

## 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.  
Produits Agricoles, Ltd. (E. Gagne)  
Methot & Frere  
Albert E. Morrison  
Paton Manufacturing Co., Ltd.  
La Filature du Saguenay, Ltee.  
Telford & Chapman, Ltd.  
Warwick Woollen Mills, Ltd.

Trenholmville  
South Durham  
Coaticook  
Metabetchouan  
Cap St. Ignace  
Brownsburg  
Sherbrooke  
Chicoutimi  
Way's Mills  
Warwick

## Ontario

Michael Asselstine  
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.  
Harrison Bros.  
Hawthorne Mills, Ltd.  
The Horn Bros. Woollen Co., Ltd.  
S.B. Lehman & Sons  
H. Lockwood's, Ltd.  
W.J. Hill, (Madoc Woollen Mills)  
Randle Bros. (Meaford Woollen Mills)  
Newlands & Co., Ltd.  
Northern Textiles, Ltd.  
Liskeard Woollen Mills, 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.

Odessa  
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  
5th St. East, Owen Sound  
Carleton Place  
95 William St. N., Lindsay  
R.R. #1, Unionville  
31 Jarvis St., Brantford  
Madoc  
Meaford  
Ainslee St. South, Galt.  
Chesley  
New Liskeard  
131 Athol St. E., Oshawa  
Victoria St., Orillia.  
Paris  
Eagle St., Preston  
Wellesley  
Renfrew  
Renfrew  
Almonte  
West Mill St., Brantford.

## Ontario (Cont'd)

William Thoburn	Almonte
F.P. Thornton & Sons, Ltd.	James & Head Sts., Dundas.
Vickerman Bros.	R.R. #1, Preston
H.C. Wagner. (Newton Woollen Mills)	Newton
Watchorn & Co., Ltd.	Merrickville.

Firms Manufacturing Woollen Yarn

## Nova Scotia.

A.M. MacPherson	Rocklin (R.R.#1, Lansdowne)
-----------------	-----------------------------

## New Brunswick.

Briggs & Little	York Mills
Carleton County Woollen Mills	239 Main St., Woodstock
Speedy & Davidson	St. Stephen

## Quebec.

Penman's, Ltd., (Mill #8)	St. Hyacinthe
---------------------------	---------------

## Ontario.

A&E & Company, Ltd.	888 Dupont St., Toronto
Canadian Woollens, Ltd.	Peterborough
Dunnville Woollen Mills, Ltd.	Mill St., Dunnville
Dominion Combing Mills, Ltd.	Pelham St., Trenton
Ellicott Mfg. Co., Ltd.	Rink St., Peterborough
James F. Gordon	Athens
Guelph Carpet & Worsted Spinning Mills, Ltd.	Neewe & Queen Sts., Guelph.
Milton Worsted Yarn Spinning Mills	Milton
Otanabee Mills, Ltd.	62½ Hunter St., Peterborough
Penman's, Ltd. (Mill #9)	Paris
Penman's, Ltd. (Mill #12)	Waterford

Firms Manufacturing Carpets, Mats & Rugs.

## New Brunswick.

Maritime Rug Works, Ltd.	370 Main St., St. John.
--------------------------	-------------------------

## Ontario.

Canada Rug Co. (W.C.P. Baldwin)	98 Carling St., London
Hamilton Rug Works. (Brass Bros.)	171 York St., Hamilton
Brant Rug Weavers. (Robt. H. Martin)	Grandview
Therien Company, Ltd.	374 St. Andrew St., Ottawa.
Turco Persian Rug Renovating Co.	166 Duchess St., Toronto
Veteran Rug Weaving Co.	1201a Queen St. E., Toronto
Brinton Carpet Co., Ltd.	Box 1065, Peterborough
Cobourg Matting & Carpet Co., Ltd.	Cobourg
Empire Rug Mills	90 Queenston St., St. Catharines
Donald McKinnon & Sons	Cobourg
The Toronto Carpet Mfg. Co., Ltd.	1179 King St. W., Toronto

## Saskatchewan.

Textile Weaving & Carpet Cleaning Works	406 - 20th St. W., Saskatoon
-----------------------------------------	------------------------------

## Alberta.

Calgary Carpet & Rug Mfgs. (D.A. Stoddart)	Rear 319 - 17th Ave. W., Calgary.
--------------------------------------------	-----------------------------------



## British Columbia.

Pacific Coast Fluff Rug Co. (Hugh Nicol) 1069 Richard St., Vancouver  
 Vancouver Fluff Rug Co. (Fred'k S. Lockett) 806 - 17th Ave., Vancouver

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.

American Footwear, Ltd. 5 St. Alexander St., Montreal. Gaiters  
 Beckwith Box Toe, Ltd. 66 E. Belvidere St., Sherbrooke Wool felt goods  
 Dominion Gaiter Mfg. Co. 1482c St. Lawrence Blvd., Montreal Gaiters  
 (Aron Zawalkow)  
 Ayers, Ltd. Lachute Mills Wool felt goods  
 Montreal Blanket Co. 1600 St. Patrick St., Montreal Shoddy

## Ontario.

The Brnner-Heddle Co., Ltd. 325 Welland Ave., St. Catharines. Wool pulling  
 E. Leadlay & Co. 896 Queen St. W., Toronto Wool pulling  
 Textile Processing Co., Ltd. 14-16 Mark St., Toronto Wool pulling  
 Canadian Consolidated Felt Co., Ltd. 84 Margaret Ave., Kitchener Wool felt goods  
 Kenwood Mills, Ltd. Arrnprior Wool felt goods  
 Code Felt & Knitting Co., Ltd. Perth Wool felt goods  
 The Rumpel Felt Co., Ltd. 60 Victoria St., Kitchener Wool felt goods  
 Porritte & Spencer (Canada) Ltd. Lettridge St., Hamilton Wool felt goods  
 The Colonial Mfg. Co., Ltd. 366 Adelaide St., W., Toronto Gaiters  
 Jacobi Shoe & Gaiter Co., Ltd. 5 E. Wellington St., Toronto Gaiters  
 Brantford Mill Stock Co. 31 Jarvis St., Brantford Shoddy  
 Canada Wool Stock Co. 159-163 Walnut Ave. Toronto Shoddy  
 Empire Wool Stock Co. 51 Stuart St. W. Hamilton Shoddy  
 General Wool Stock Co. 121 Logan Ave., Toronto Shoddy  
 Hoffman Shoddy Mills 263 Adelaide St., London Shoddy  
 Home Wool Stock Co. 2 Foster Place, Toronto Shoddy  
 Otto Hemuth & Sons Preston Shoddy  
 Simcoe Wool Stock Co. (H.J. Brook) 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. 793 King St. W., Toronto Horse Clothing

## British Columbia.

Legallet, Hallwig, Norton Co. 365 Second Ave. W., Vancouver. Wool pulling

STATISTICS CANADA LIBRARY  
BIBLIOTHEQUE STATISTIQUE CANADA



1010755731