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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

REPORT
ON THE
WOOLLEN TEXTILE INDUSTRIES

IN
CANADA

1931

INCLUDING—

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

Published by Authority of the HON. H. H. STEVENS, M. P.,
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OTTAWA
1932

NOTE.- The statistics published in this report include only the statistics of such manufacturing establishments whose principal products are woollen articles, or articles with wool as their chief component material. Statistics for specific products are, therefore, not to be regarded as complete, for similar products are also to be found as secondary ones in other industries.

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

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

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

This industry is divided into four sections, (1) woollen cloth, (2) woollen yarns, (3) carpets, mats and rugs and (4) woollen goods, n.e.s., comprising all manufactures, the chief component of which is wool, and which cannot properly be classified under sections 1, 2 and 3.

In 1931, the number of establishments reporting their operations was one hundred and twenty six, which was an increase of ten over the preceding year. Eighty-two of these establishments were located in Ontario, twenty-one in Quebec, seven in New Brunswick, six in Nova Scotia, five in British Columbia, one in Prince Edward Island and the remaining four in the Prairie Provinces.

The gross value of production of the four sections of the Woollen Industry aggregated \$25,456,037 in 1931, a decline of \$2,041,493 or 7.4 per cent from 1930. The cost of raw and other materials amounting to \$11,491,927 in 1931 showed a decline of \$2,589,902 or 18.4 per cent. The amount of capital investment, \$43,086,674, represents an increase of \$605,242 or 1.4 per cent over the 1930 investment. There were 8,208 salaried and wage-earning employees in 1931, who were paid \$7,425,635 in salaries and wages, these figures represented respective increases of 498 employees or 6.5 per cent and \$613,128 or 9 per cent over the similar figures for 1930. The value added by manufacture, \$13,964,110, was an increase in 1931 of \$548,409 or 4.1 per cent. The variations in the principal statistics in 1931 as compared with 1930 are shown in the following table and it will be observed that the Woollen Cloth Industry accounted for practically all the gains made.

	Woollen Cloth	Woollen Yarn	Carpets Mats and Rugs	Woollen Goods, N.E.S	Total Textile Group
Capital	\$ / 1,824,260	- 892,135	/ 616,933	- 943,816	/ 605,242
Employees	No / 702	18	- 50	- 136	/ 498
Salaries and wages	\$ / 774,182	/ 59,396	101,254	- 119,196	/ 613,128
Cost of materials used	\$ 384,544	714,356	627,525	- 863,477	2,589,902
Gross value of production	\$ / 757,861	541,455	1,282,555	- 975,344	- 2,041,493

Imports and exports of wool and its manufactures are shown in tables 5 and 6. The value of imports decreased from \$39,433,525 in 1930 to \$20,201,089 in 1931, a decline of \$19,232,436. Raw and partly manufactured products accounted for \$3,834,229 of this decline and wholly manufactured products for the balance of \$15,398,207.

Exports of wool and its manufactures had a value of \$1,271,811 in 1931, a decrease of \$468,004 from the 1930 value of \$1,739,815.

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 1. - Location of Mills of Woollen Textile Group of Industries, 1931.

	Woollen Cloth Mills	Woollen Yarn Mills	Carpets, Mats and Rugs	Woollen Goods, N.E.S. [✓]	All Woollen Textile Mills
	No.	No.	No.	No.	No.
CANADA	54	28	21	23	126
Prince Edward Island.	1	-	-	-	1
Nova Scotia	1	3	1	1	6
New Brunswick	1	5	1	-	7
Quebec	14	3	1	3	21
Ontario	34	16	14	18	82
Prairie Provinces ...	1	-	3	-	4
British Columbia	2	1	1	1	5

✓ Woollen Goods, N.E.S., includes Blankets and slumber throws; paper makers and all other felt goods; shoddy; mungo and wool extract; batts and batting; rags and wipers; pulled wool and pickled skins.

Table 2. - Principal Statistics of the Woollen Textile Group of Industries, 1924-1931.

Year Report- ing	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
1924	126	45,124,528	8,164	7,097,261	17,325,209	30,175,136	12,849,927
1925	119	42,315,208	7,800	6,911,970	18,776,667	31,250,200	12,473,533
1926	116	41,184,601	8,019	6,939,144	17,204,586	31,401,222	14,196,636
1927	114	42,032,864	7,958	7,128,274	17,079,628	31,212,842	14,133,214
1928	120	41,533,322	8,247	7,684,079	19,925,850	34,687,290	14,761,440
1929	119	42,843,217	8,404	7,847,801	19,102,324	35,179,599	16,077,275
1930	116	42,481,432	7,710	6,812,507	14,081,829	27,497,530	13,415,701
1931	126	43,086,674	8,208	7,425,635	11,491,927	25,456,037	13,964,110

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 3. - Comparison of Principal Statistics of Woollen Textile Group of Industries, 1930 and 1931.

Items		1930	1931	↑ Increase ↓ Decrease
Establishments reporting	No.	116	126	↑ 10
Capital invested	\$	42,481,432	43,086,674	↑ 605,242
Employees on salaries - Total -	No.	674	824	↑ 150
Male	No.	520	629	↑ 109
Female	No.	154	195	↑ 41
Salaries	\$	1,523,790	1,729,524	↑ 205,734
Employees on wages -(Average)- Total	No.	7,036	7,384	↑ 348
Male	No.	4,032	4,143	↑ 111
Female	No.	3,004	3,241	↑ 237
Total wages	\$	5,288,717	5,696,111	↑ 407,394
Primary power equipment -				
Units	No.	2,018	2,165	↑ 147
Horse-power capacity	H.P.	23,997	26,269	↑ 2,272
Cost of fuel and electricity ..	\$	632,324	648,965	↑ 16,641
Cost of materials used	\$	14,081,829	11,491,927	- 2,589,902
Gross value of products	\$	27,497,530	25,456,037	- 2,041,493
Value added by manufacture	\$	13,415,701	13,964,110	↑ 548,409

Table 4. - Total Production in the Woollen Textile Group, 1931.

Principal Products	Unit of Measure	Quantity	Cost Value at Factory
			\$
Suitings, dress goods, overcoatings and cloakings -			
All wool woollen	Yards	3,211,418	3,956,064
All wool worsted	"	2,135,788	3,623,139
Cotton warp woollen	"	436,365	161,028
All other wool and cotton mixtures ...	"	925,548	529,035
Wool flannel for underwear	Yards	16,239	9,782
Blankets -			
All wool	Pairs	132,195	564,323
All wool	Lbs.	130,542	148,709
All wool	-	-	6,490
Cotton mixed	-	-	53,070
Cotton warp	-	-	64,430
Slumber throws	No.	54,608	202,458
Horse blankets	Yards	8,558	9,912
Horse blankets	No.	4,092	8,105
Auto cloths	Yards	✓ 268,841	395,458
Auto rugs	No.	24,994	65,362

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 4. - Total Production in the Woollen Textile Group, 1931. - Cont'd.

Principal Products	Unit of Measure	Quantity	Cost Value at Factory
			\$
Mackinaw	Yards ✓	269,151	249,197
Woven shawls	No.	7,840	13,366
Bathrobe and kimona fabrics	Lbs.	47,117	49,406
All other woollen and worsted woven goods.	Yards	1,497,845	2,206,704
Felt and felt manufactures -			
Shoe felt	Yards	306,901	157,027
Wool and cotton felts for pulp and paper making	Lbs.	1,890,099	2,345,084
Harness felt	Lbs.	162,399	57,452
Padding felt	Lbs.	467,763	101,833
All other felt goods	-	-	627,115
Carpets in rolls, including stair -			
Axminster	Lin. Yards	142,807	257,270
Wilton	" "	210,330	613,502
Brussels	" "	21,818	26,705
All other	" "	75,669	86,195
Carpets in squares 4'6" by 7'6" or larger -			
Axminster	-	-	537,593
Wilton	-	-	322,824
Small squares and runners -			
Axminster	-	-	593,059
Wilton	-	-	477,281
Other rugs, squares and runners	-	-	212,788
Cotton rugs, including bath mats	-	-	84,392
Hooked rugs	No.	203	1,316
Rugs made from old carpets	-	-	17,955
Yarns for sale -			
Woollen	Lbs.	3,479,456	1,313,834
Worsted	"	3,846,727	3,339,456
All other	-	-	150,653
Stockinette	-	-	62,016
Shoddy, mungo and wool extract	Lbs.	3,487,887	384,660
Wool waste and noils	"	83,042	10,984
Batts, flocks and rolls	"	2,332,832	119,687
Rags and wipers	-	-	19,308
Pickled skins	Doz.	31,099	80,121
All other products	-	-	858,067
Received for custom work	-	-	281,817
T O T A L	-	-	25,456,037

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 5. - Imports of Wool and Its Manufactures by Principal Countries, 1930 and 1931.

Articles Imported	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
Wool in the grease -			\$		\$
United Kingdom	Lbs.	564,762	147,560	948,383	195,387
United States	"	434,662	108,117	351,040	53,955.
Australia	"	207,160	44,581	409,512	57,257
New Zealand	"	1,244,665	323,968	1,590,896	243,025
Other Countries	"	50,512	11,648	22,230	4,503.
T O T A L	"	2,501,761	635,874	3,322,061	554,127
Wool, washed or scoured, but not further prepared than combed -					
United Kingdom	Lbs.	2,630,610	1,039,315	3,815,963	1,242,577
United States	"	1,239,587	406,822	748,651	140,629
British South Africa .	"	307,390	97,737	231,589	57,258
Australia	"	314,473	167,986	376,862	103,935
Irish Free State	"	-	-	37,204	5,680
New Zealand	"	265,186	71,027	162,192	35,720
Argentina	"	118,472	32,353	96,083	21,382
Belgium	"	83,526	42,529	52,538	17,764
France	"	48,277	19,349	140,720	38,283
Syria	"	15,680	4,077	76,253	14,319
Other Countries	"	31,398	16,548	30,686	5,075
T O T A L	"	5,054,599	1,897,743	5,768,741	1,682,622
Wool, pulled or sliped -					
United Kingdom	Lbs.	489,523	160,250	757,029	160,647
United States	"	256,941	81,300	109,312	19,603
New Zealand	"	71,413	18,774	269,665	35,742
Other Countries	"	13,940	4,244	17,069	2,220.
T O T A L	"	831,817	264,568	1,153,075	218,212
Hair of the camel, alpaca, goat or other like animal, not further prepared than combed -					
United Kingdom	Lbs.	612,500	236,447	152,936	43,006
United States	"	427,337	148,887	356,495	42,747
New Zealand	"	11,690	3,922	91,699	9,614
Other Countries	"	19,294	7,142	3,609	1,277
T O T A L	"	1,070,821	396,398	604,739	96,644

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.Table 5. - Imports of Wool and Its Manufactures by Principal Countries, 1930 and 1931.
Cont'd.

Articles Imported	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
Noils -			\$		\$
United Kingdom	Lbs.	154,608	52,425	194,474	61,729
Other Countries	"	56,176	10,806	3,082	1,903
T O T A L	"	210,784	63,231	197,556	63,632
Worsted tops -					
United Kingdom	Lbs.	5,089,578	2,344,719	5,639,183	1,913,469
United States	"	26,976	13,033	21,980	10,128
Australia	"	352,559	293,374	904,144	489,289
France	"	111,293	73,169	59,827	31,089
Other Countries	"	-	-	4,540	2,475
T O T A L	"	5,580,406	2,724,295	6,629,674	2,446,450
Garnetted wool waste in the white when imported by manufacturers of woollen goods for use exclusively in their own factories -					
United Kingdom	Lbs.	83,599	24,453	397,282	91,030
United States	"	448	255	15,522	4,374
T O T A L	"	84,047	24,708	412,804	95,404
Yarns composed wholly or in part of wool or hair, but not containing silk nor artificial silk, n.o.p. -					
United Kingdom	Lbs.	120,924	178,450	126,174	188,259
United States	"	1,283	2,278	2,559	2,221
France	"	-	-	4,184	25,398
Germany	"	9,085	9,848	18,032	16,497
Other Countries	"	1,101	2,422	11	7
T O T A L	"	132,393	192,998	150,960	232,382
Yarns and warps composed wholly or in part of wool or hair, imported by manufacturers for use exclusively in their own factories -					
United Kingdom	Lbs.	5,840,608	4,978,123	2,835,376	2,016,236
United States	"	188,841	186,526	48,415	46,908
France	"	43,159	38,069	85,216	83,438
Other Countries	"	28,594	12,744	6,409	5,343
T O T A L	"	6,101,202	5,215,462	2,975,416	2,151,925

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 5. - Imports of Wool and Its Manufactures by Principal Countries, 1930 and 1931 - Cont'd.

Articles Imported	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
Mohair yarns, imported by manufacturers of cut pile fabrics for upholstery purposes for use exclusively in the manufacture of such cut pile fabrics in their own factories -					
United Kingdom	-	-	-	67,940	34,222
United States	-	-	-	4,426	5,428
T O T A L	-	-	-	72,366	39,650
Woven fabrics, composed wholly or in chief part by weight, of yarns of wool or hair, not exceeding in weight 6 ounces to the square yard, when imported in the gray or unfinished condition, for the purpose of being dyed or finished in Canada -					
United Kingdom	-	-	587,327	-	563,119
Belgium	-	-	128,655	-	18,744
France	-	-	264,356	-	238,066
Switzerland	-	-	4,283	-	2,181
Other Countries	-	-	4,188	-	3,288
T O T A L	-	-	988,809	-	825,398
Woven fabrics, consisting of cotton warps with wefts of lustre wool, mohair or alpaca, generally known as lustres or Italian linings, n.o.p. -					
United Kingdom	-	-	220,031	-	97,520
Other Countries	-	-	941	-	768
T O T A L	-	-	220,972	-	98,288
Flannels -					
United Kingdom	-	-	19,846	-	78,412
United States	-	-	-	-	1,491
France	-	-	15,954	-	9,154
Other Countries	-	-	2,486	-	1,025
T O T A L	-	-	38,286	-	90,082

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 5. - Imports of Wool and Its Manufactures by Principal Countries, 1930 and 1931. - Cont'd.

Articles Imported	1930		1931	
	Quantity	Value	Quantity	Value
Felt cloth, n.o.p. -		\$		\$
United Kingdom	-	6,597	-	78
United States	-	4,773	-	1,370
Other Countries	-	37,441	-	-
T O T A L	-	48,811	-	1,448
Overcoatings -				
United Kingdom	-	893,515	-	319,082
Belgium	-	-	-	6,567
Czecho-Slovakia	-	34,637	-	6,178
France	-	78,474	-	35,483
Germany	-	230,186	-	56,835
Italy	-	23,373	-	24,683
Netherlands	-	58,997	-	32,782
Other Countries	-	58,225	-	953
T O T A L	-	1,377,407	-	482,563
Tweeds -				
United Kingdom	-	1,923,707	-	736,340
United States	-	45,190	-	15,671
Belgium	-	2,719	-	7,083
France	-	64,814	-	44,038
Germany	-	146,320	-	47,544
Italy	-	77,020	-	27,854
Netherlands	-	19,100	-	12,539
Other Countries	-	38,150	-	3,047
T O T A L	-	2,317,020	-	894,116
Worsted and serges, including coatings -				
United Kingdom	-	8,026,152	-	3,756,608
United States	-	67,512	-	39,855
Belgium	-	35,071	-	24,121
Czecho-Slovakia	-	56,523	-	18,776
France	-	912,782	-	305,880
Germany	-	432,705	-	111,878
Italy	-	97,514	-	170,278
Netherlands	-	132,901	-	84,153
Other Countries	-	47,392	-	2,400
T O T A L	-	9,808,552	-	4,513,949

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 5. - Imports of Wool and Its Manufactures by Principal Countries, 1930 and 1931. - Cont'd.

Articles Imported	1930		1931	
	Quantity	Value	Quantity	Value
	\$		\$	
Woven fabrics, composed wholly or in part of yarns of wool or hair, n.o.p. -				
United Kingdom	-	2,251,442	-	1,133,893
United States	-	255,641	-	156,750
Belgium	-	56,391	-	55,741
Czecho-Slovakia	-	60,457	-	25,657
France	-	856,161	-	363,021
Germany	-	354,887	-	129,590
Italy	-	122,346	-	101,759
Netherlands	-	80,513	-	29,766
Switzerland	-	17,170	-	17,137
Other Countries	-	26,135	-	1,681
T O T A L	-	4,081,143	-	2,014,995
Knitted fabrics, composed wholly or in part of wool, n.o.p. -				
United Kingdom	-	33,337	-	140,882
United States	-	7,980	-	5,845
Other Countries	-	15,676	-	1,735
T O T A L	-	56,993	-	148,462
Woven or braided fabrics not exceeding 12 inches in width, whether with cut pile or not, wholly or in part of wool or hair -				
United Kingdom	-	6,064	-	136
United States	-	1,032	-	450
Other Countries	-	166	-	43
T O T A L	-	7,262	-	629
Woven fabrics with cut pile, wholly or in part of yarns of wool or hair, n.o.p. (plush) -				
United Kingdom	-	368,503	-	51,558
United States	-	33,009	-	59,102
Germany	-	136,752	-	24,555
Other Countries	-	19,728	-	3,962
T O T A L	-	557,992	-	139,177

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 5. - Imports of Wool and Its Manufactures by Principal Countries, 1930 and 1931. - Cont'd.

Articles Imported	1930		1931	
	Quantity	Value	Quantity	Value
	\$		\$	
Carpets, Axminster, all kinds in the roll -				
United Kingdom	-	142,148	-	37,198
Other Countries	-	9,770	-	362
T O T A L	-	151,918	-	37,560
Carpets, Axminster, all kinds in the squares -				
United Kingdom	-	254,065	-	87,376
British India	-	-	-	3,179
Other Countries	-	36,329	-	2,649
T O T A L	-	290,394	-	93,204
Carpets, Brussels and Wilton, all kinds in the roll -				
United Kingdom	-	24,709	-	2,174
Other Countries	-	2,857	-	480
T O T A L	-	27,566	-	2,654
Carpets, Brussels and Wilton, all kinds in squares -				
United Kingdom	-	68,803	-	16,132
Czecho-Slovakia	-	10,465	-	6,858
France	-	-	-	6,404
Other Countries	-	25,051	-	870
T O T A L	-	104,319	-	30,264
Carpets, ingrain, 2 and 3 ply, all wool or union, or paper fibre in the roll -				
United Kingdom	-	9,761	-	9,431
Other Countries	-	24,381	-	71
T O T A L	-	34,142	-	9,502
Carpets, ingrain, 2 and 3 ply, all wool or union, or paper fibre, all kinds, in squares -				
United Kingdom	-	23,698	-	38,288
British India	-	-	-	2,471
France	-	16,356	-	1,959
Other Countries	-	78,500	-	2,978
T O T A L	-	118,554	-	45,696

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 5. -- Imports of Wool and Its Manufactures by Principal Countries, 1930 and 1931. - Cont'd.

Articles Imported	1930		1931	
	Quantity	Value	Quantity	Value
	\$		\$	
Carpets, oriental and hand-woven, squares, all kinds -				
United Kingdom	-	233,961	-	97,906
United States	-	81,806	-	27,804
British India	-	115,617	-	43,199
China	-	50,046	-	48,414
Czecho-Slovakia	-	-	-	6,324
Greece	-	128,069	-	35,805
Persia	-	126,942	-	27,461
Turkey	-	227,970	-	129,323
Other Countries	-	44,229	-	8,427
T O T A L	-	1,008,640	-	424,663
Carpets, tapestry and velvet, in the roll -				
United Kingdom	-	43,555	-	543
Other Countries	-	11,064	-	42
T O T A L	-	54,619	-	585
Carpets, tapestry and velvet, all kinds, in squares -				
United Kingdom	-	23,572	-	2,104
Other Countries	-	13,742	-	1,609
T O T A L	-	37,314	-	3,713
Mats and hearth rugs, up to 3 feet by 6 feet, and runners -				
United Kingdom	-	165,990	-	28,542
United States	-	58,814	-	7,822
British India	-	11,024	-	2,467
China	-	10,954	-	4,662
Czecho-Slovakia	-	12,111	-	2,226
France	-	68,726	-	2,724
Persia	-	13,293	-	4,099
Turkey	-	3,011	-	3,654
Other Countries	-	200,582	-	1,367
T O T A L	-	544,505	-	57,563

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 5. - Imports of Wool and Its Manufactures by Principal Countries, 1930 and 1931. - Cont'd.

Articles Imported	1930		1931	
	Quantity	Value	Quantity	Value
	\$	\$	\$	\$
Cocoa carpeting, mats, rugs and matting -				
British India	-	23,416	-	21,613
Belgium	-	1,995	-	2,877
Czecho-Slovakia	-	135	-	2,349
Japan	-	657	-	2,060
Other Countries	-	3,388	-	772
T O T A L	-	29,591	-	29,671
Straw carpeting, rugs, mats and matting -				
United States	-	14,482	-	7,731
Czecho-Slovakia	-	4,183	-	3,184
Germany	-	2,815	-	2,960
Japan	-	25,080	-	15,811
Other Countries	-	2,990	-	1,045
T O T A L	-	49,550	-	30,731
Carpets, n.o.p. -				
United Kingdom	-	2,452	-	1,963
United States	-	2,092	-	3,604
Other Countries	-	435	-	-
T O T A L	-	4,979	-	5,567
Carpet linings and stair pads -				
United States	-	2,800	-	4,078
Other Countries	-	690	-	359
T O T A L	-	3,490	-	4,437
Shawls, wool -				
United Kingdom	-	25,718	-	7,992
Other Countries	-	8,778	-	1,526
T O T A L	-	34,496	-	9,518
Shirts, wool -				
United Kingdom	-	3,208	-	967
Other Countries	-	717	-	96
T O T A L	-	3,925	-	1,063

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 5. .. Imports of Wool and Its Manufactures by Principal Countries, 1930 and 1931. - Cont'd.

Articles Imported	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
Socks and stockings, wholly or in part of wool -			\$		\$
United Kingdom	Doz. Pair	476,240	1,956,720	198,966	837,014
United States	" "	8,007	24,074	905	4,955
Belgium	" "	5,432	34,937	1,686	9,880
Germany	" "	2,359	12,341	1,036	6,134
Other Countries	" "	3,666	14,118	760	4,482
T O T A L	" "	495,704	2,042,190	203,353	862,465
Underwear, knitted, wool -					
United Kingdom	-	-	326,242	-	220,116
Belgium	-	-	-	-	3,475
Japan	-	-	-	-	9,696
Switzerland	-	-	-	-	9,512
Other Countries	-	-	27,130	-	1,650
T O T A L	-	-	353,372	-	244,449
Clothing, women's and children's outer garments -					
United Kingdom	-	-	210,702	-	108,809
United States	-	-	274,007	-	154,254
France	-	-	45,477	-	20,859
Germany	-	-	5,700	-	4,314
Switzerland	-	-	2,581	-	2,726
Other Countries	-	-	15,992	-	995
T O T A L	-	-	554,459	-	291,957
Clothing and wearing apparel, n.o.p., composed wholly or in part of wool -					
United Kingdom	-	-	1,080,925	-	614,443
United States	-	-	190,233	-	120,909
Czecho-Slovakia	-	-	11,090	-	18,943
France	-	-	22,146	-	15,322
Germany	-	-	9,828	-	6,536
Italy	-	-	-	-	2,355
Switzerland	-	-	2,251	-	4,678
Other Countries	-	-	11,245	-	2,968
T O T A L	-	-	1,327,718	-	786,154

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 5. - Imports of Wool and Its Manufactures by Principal Countries, 1930 and 1931. -- Cont'd.

Articles Imported	1930		1931	
	Quantity	Value	Quantity	Value
Blankets, n.o.p., not to include automobile rugs, steamer rugs nor similar articles -		\$		\$
United Kingdom	-	688,544	-	142,330
United States	-	149,614	-	9,299
Other Countries	-	24,356	-	2,456
T O T A L	-	862,514	-	154,085
Felt, pressed of all kinds, in the web, not consisting of or in combination with any woven, knitted or other fabric or material -	Lbs.		Lbs.	
United Kingdom	58,202	21,977	12,113	15,729
United States	100,652	69,390	24,604	28,861
Czecho-Slovakia	161,356	76,977	37,729	22,424
Germany	114,949	90,516	40,872	31,567
Italy	-	-	2,188	2,696
Poland and Danzig	-	-	5,774	3,566
Other Countries	2,026	2,391	605	4,250
T O T A L	437,185	261,251	123,885	109,093
Rugs, railway, steamer, travelling, lounge, automobile, etc. -				
United Kingdom	-	129,839	-	18,630
United States	-	3,035	-	1,710
Other Countries	-	11,272	-	817
T O T A L	-	144,146	-	21,157
Articles, made from woven fabrics and all textile manufactures, wholly or partially manufactured, composed wholly or in part of wool or similar animal fibres, but of which the component of chief value is not silk nor artificial silk, n.o.p. -				
United Kingdom	-	223,972	-	64,807
United States	-	192,858	-	71,556
Czecho-Slovakia	-	3,042	-	2,106
France	-	16,979	-	8,362
Germany	-	17,609	-	5,741
Other Countries	-	16,889	-	2,611
T O T A L	-	471,349	-	155,183

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 5. -- Imports of Wool and Its Manufactures by Principal Countries, 1930 and 1931. - Cont'd.

Articles Imported	1930		1931	
	Quantity	Value	Quantity	Value
	\$	\$		
Summary of Imports of Wool by classes -				
Raw materials	-	6,006,817	-	5,157,091
Partly manufactured materials.	-	5,408,460	-	2,423,957
Wholly manufactured products .	-	28,018,248	-	12,620,041
T O T A L	-	39,433,525	-	20,201,089
Summary of Imports of Wool and Its Manufactures by Principal Countries -				
United Kingdom	-	29,158,824	-	15,176,684
United States	-	2,500,683	-	1,055,854
Australia	-	511,467	-	652,510
British India	-	153,029	-	72,939
British South Africa	-	105,001	-	59,927
Irish Free State	-	4,335	-	7,654
New Zealand	-	417,716	-	324,360
Argentina	-	32,353	-	21,382
Belgium	-	503,031	-	151,173
China	-	61,016	-	54,079
Czecho-Slovakia	-	300,826	-	118,861
France	-	2,550,897	-	1,246,905
Germany	-	1,515,298	-	451,980
Greece	-	128,369	-	35,805
Italy	-	440,492	-	334,790
Japan	-	112,552	-	30,762
Netherlands	-	307,406	-	161,070
Persia	-	141,510	-	31,948
Poland and Danzig	-	40,713	-	7,130
Switzerland	-	62,733	-	40,216
Syria	-	-	-	15,397
Turkey	-	230,981	-	133,004
Other Countries	-	154,293	-	16,659
TOTAL WOOL AND ITS PRODUCTS	-	39,433,525	-	20,201,089

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. Exports of Wool and Its Manufactures by Principal Countries, 1930 and 1931.

Articles Exported	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
Wool in the grease -					
United Kingdom	Lbs.	475,713	65,093	3,366,353	313,347
United States	"	3,657,193	522,685	1,130,985	177,299
Belgium	"	30,288	4,543	221,259	18,714
Other Countries	"	137,408	23,949	1,047	163
T O T A L	"	4,300,602	616,270	4,719,644	509,525
Wool, scoured or washed -					
United Kingdom	Lbs.	1,230	148	22,000	9,019
Newfoundland	"	2,661	710	11,173	2,537
Greece	"	-	-	9,911	1,734
Poland and Danzig	"	-	-	5,330	1,070
Other Countries	"	3,425	995	1,516	401
T O T A L	"	7,316	1,853	49,930	14,761
Wool, pulled or sliped -					
United Kingdom	Lbs.	69,509	12,726	-	-
Germany	"	4,327	1,096	-	-
T O T A L	"	73,836	13,822	-	-
Wool carpets -					
United States	-	-	12,431	-	4,349
Bermuda	-	-	-	-	1,587
New Zealand	-	-	82,751	-	3,652
Other Countries	-	-	29,000	-	1,717
T O T A L	-	-	124,182	-	11,305
Wool fabrics -					
United States	Yards	1,120	1,763	3,831	2,280
Newfoundland	"	16,718	20,203	4,984	5,400
Other Countries	"	202	406	771	1,092
T O T A L	"	18,040	22,372	9,586	8,772
Wool underwear -					
Newfoundland	-	-	7,348	-	1,828
Other Countries	-	-	2,886	-	1,294
T O T A L	-	-	10,234	-	3,122

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Exports of Wool and Its Manufactures by Principal Countries, 1930 and 1931. - Cont'd.

Articles Exported	1930		1931	
	Quantity	Value	Quantity	Value
Wool clothing, n.o.p. -		\$		\$
United Kingdom	-	7,371	-	1,798
United States	-	57,147	-	37,269
British South Africa	-	2,885	-	2,326
Bermuda	-	8,590	-	4,231
British West Indies	-	10,037	-	4,076
Newfoundland	-	130,929	-	49,554
New Zealand	-	6,508	-	8,549
Argentina	-	11,843	-	1,983
China	-	4,824	-	2,420
St. Pierre and Miquelon	-	19,402	-	9,109
Dutch East Indies	-	98	-	2,200
Other Countries	-	10,242	-	5,998
T O T A L	-	269,876	-	129,513
Wool manufactures, n.o.p. -				
United Kingdom	-	7,365	-	4,189
United States	-	44,572	-	24,152
Newfoundland	-	3,658	-	3,025
Other Countries	-	5,918	-	1,177
T O T A L	-	61,513	-	32,543
Felt, manufactures of -				
United Kingdom	-	120,320	-	150,968
United States	-	7,083	-	2,838
Australia	-	47,342	-	35,224
Newfoundland	-	122,586	-	69,258
New Zealand	-	2,636	-	3,619
China	-	21,360	-	21,671
Cuba	-	6,711	-	6,103
Finland	-	31,580	-	29,023
Japan	-	103,371	-	123,257
Mexico	-	40,760	-	22,003
Norway	-	65,383	-	43,444
Sweden	-	48,780	-	51,909
Other Countries	-	1,781	-	2,955
T O T A L	-	619,693	-	562,272

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Exports of Wool and Its Manufactures by Principal Countries, 1930 and 1931. - Concl'd.

Articles Exported	1930		1931	
	Quantity	Value	Quantity	Value
Summary of Exports of Wool and Its Manufactures by Principal Countries -		\$		¢
United Kingdom	-	215,314	-	480,202
United States	-	647,081	-	248,341
Australia	-	47,342	-	35,224
Bermuda	-	9,545	-	6,858
British South Africa	-	3,114	-	2,441
British West Indies	-	10,162	-	4,301
Newfoundland	-	290,678	-	132,286
New Zealand	-	92,082	-	16,321
Argentina	-	14,293	-	1,983
Belgium	-	4,593	-	18,743
China	-	26,728	-	24,115
Cuba	-	6,711	-	6,103
Dutch East Indies	-	-	-	2,277
Finland	-	31,580	-	29,023
Greece	-	-	-	1,734
Japan	-	103,371	-	123,257
Mexico	-	40,760	-	22,003
Norway	-	65,383	-	43,444
Poland and Danzig	-	-	-	1,070
St. Pierre and Miquelon	-	22,298	-	10,018
Sweden	-	48,780	-	51,909
Other Countries	-	60,000	-	10,158
T O T A L	-	1,739,815	-	1,271,811

THE WOOLLEN CLOTH INDUSTRY, 1931.

In view of conditions prevailing in Canada in 1931, the Woollen Cloth Industry made a very favourable showing in that year. The number of establishments reporting was fifty-four with a gross value of production of \$15,105,533. The capital investment totalled \$22,027,056; employees, salaried and other, numbered 4,577 and were paid \$4,180,444 in salaries and wages. The cost of raw and other materials used was \$6,219,386, while the value added by manufacture amounted to \$6,886,147.

While the cost of materials fell below that for 1930, all other items showed increases in 1931 as follows: establishments eight in number or 17.4 per cent; capital investment \$1,824,260 or 9 per cent; employees 702 in number or 18 per cent; salaries and wages \$774,182 or 22.7 per cent; gross value of production \$757,861 or 6.1 per cent; value added by manufacture \$1,142,405 or 19.8 per cent. These variations will be noted in additional detail in table 2.

The cost of materials used declined from \$6,603,930 in 1930 to \$6,219,386 in 1931, a drop of \$384,544 or 5.8 per cent, caused chiefly by the lower values which prevailed in 1931. Raw wool and yarns of various kinds are the principal materials used in this industry.

In 1930, 6,285,981 pounds of wool were purchased at a cost of \$1,980,330, whereas in 1931 the purchase of 7,297,423 pounds of wool cost only \$1,771,683. Similarly while 4,218,609 pounds of yarn cost \$2,929,409 in 1930, 3,861,442 pounds cost \$2,486,457 in 1931. These two items accounted for \$4,258,140 or over 68 per cent of the total cost of materials in 1931.

Suitings, dress goods, overcoatings and cloakings constitute the principal items of production in this industry. In 1931, 6,332,703 yards of them valued at \$8,040,124 were produced and this is a decided increase over the 1930 production which was 4,355,526 yards valued at \$6,294,731. The production of other fabrics, including velours, pluses and mohairs declined somewhat in 1931 having a value of \$2,626,416 in that year compared with a value of \$2,906,460 in 1930.

Of the fifty-four establishments reporting in 1931, thirty-four were located in Ontario, fourteen in Quebec, two in British Columbia and one each in Prince Edward Island, Nova Scotia, New Brunswick and Manitoba. The concentration was in Ontario which had a production of \$10,555,654 or over 80 per cent of the total; supplied \$17,101,397 or almost 78 per cent of the capital investment; furnished employment to 3,616 persons or 79 per cent of the number employed, who were paid \$3,394,512 in salaries and wages, 81 per cent of the total wage bill. The cost of materials used was \$4,978,886 or 80 per cent of the total cost.

Corresponding figures for the province of Quebec were: production \$2,133,804 or 16 per cent; capital investment \$4,086,979 or 18 per cent; employees numbered 788 or 17 per cent and their salaries and wages totalled \$640,829 or 15 per cent; materials used cost \$1,040,683 or 17 per cent of the total.

Employment remained fairly steady throughout the year, there being no great fluctuation. The month of highest employment was December with 4,358 wage-earners, and the lowest January with 3,875. This compares most favourably with the 1930 high of 3,792 in March and low of 3,134 in September.

The power equipment remained practically the same in 1931 as in 1930. The tendency appears to be more towards the use of electricity as a motive power for in

THE WOOLLEN CLOTH INDUSTRY, 1931.

1931 there were in use 103 more electric motors than in 1930. The purchased price of electricity increased from \$87,142 in 1930 to \$112,064 in 1931. Coal, however, was the main source of fuel in 1931, the cost value of all kinds amounting to \$271,545 or 96 per cent.

The following tables show fully the activities of this industry in 1931, and afford a comparison with the previous year.

Table 1. - Principal Statistics by Provinces, 1924-1931.

Year and Provinces	Establishments Reporting	Capital Invested	Employees and Wages	Salaries and Wages	Cost of Materials Used	Gross Value of Products	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
<u>1924</u>							
CANADA	60	22,551,881	4,691	4,125,150	8,392,939	15,005,081	6,612,142
Maritime Provinces	6	744,383	205	144,106	250,208	440,691	190,483
Quebec	9	2,638,266	625	460,821	1,091,867	1,698,303	606,436
Ontario	45	19,169,232	3,861	3,520,223	7,050,864	12,866,087	5,815,223
<u>1925</u>							
CANADA	57	21,342,909	4,426	3,912,266	9,415,211	15,499,326	6,084,115
Maritime Provinces	5	668,567	181	120,432	253,295	458,039	204,744
Quebec	10	2,546,210	663	479,055	1,388,541	2,058,704	670,163
Ontario	42	18,128,132	3,582	3,312,779	7,773,375	12,982,583	5,209,208
<u>1926</u>							
CANADA	54	20,735,523	4,675	3,973,294	8,680,304	15,503,083	6,822,773
Maritime Provinces	5	625,637	173	116,563	224,734	428,148	203,414
Quebec	8	2,561,832	659	460,904	1,154,383	1,760,347	605,964
Ontario	41	17,548,074	3,843	3,395,827	7,301,187	13,314,588	6,013,401
<u>1927</u>							
CANADA	55	20,170,185	4,249	3,705,510	7,991,590	14,318,369	6,326,779
Maritime Provinces	5	641,554	190	124,229	221,467	418,058	196,591
Quebec	10	2,605,153	563	476,241	1,031,372	1,827,119	795,747
Ontario	40	16,923,478	3,496	3,105,040	6,738,751	12,073,192	5,334,441
<u>1928</u>							
CANADA	51	18,274,895	3,996	3,763,938	9,270,861	15,062,081	5,791,220
Maritime Provinces	6	605,276	172	102,567	207,292	363,314	156,022
Quebec	11	2,663,940	601	498,383	1,191,477	2,117,782	926,305
Ontario	34	15,005,679	3,223	3,162,988	7,872,092	12,580,985	4,708,893
<u>1929</u>							
CANADA	44	20,016,292	4,145	3,924,304	9,231,712	16,241,194	7,009,482
Maritime Provinces	3	683,852	134	83,878	167,929	314,440	146,511
Quebec	12	2,949,856	648	514,685	1,119,726	1,920,919	801,193
Ontario	29	16,382,584	3,365	3,325,741	7,944,057	14,005,835	6,061,778

THE WOOLLEN CLOTH INDUSTRY, 1931.

Table 1. Principal Statistics by Provinces, 1924-1931. - Concl'd.

Year and Provinces	Estab- lish- ments Report- ing	Capital Invested	Em- ployees	Salaries and Wages	Cost of		Gross Value of Products	Value added by Manufacture
					No.	\$		
<u>1930</u>								
CANADA	46	20,202,796	3,875	3,406,262	6,603,930	12,347,672	5,743,742	
Maritime Provinces) & British Columbia)	3	666,648	131	96,191	122,186	242,815	120,629	
Quebec	11	3,223,550	669	566,867	1,251,315	2,222,864	971,549	
Ontario	32	16,312,598	3,075	2,743,204	5,230,429	9,881,993	4,651,564	
<u>1931</u>								
CANADA	54	22,027,056	4,577	4,180,444	6,219,386	13,105,533	6,886,147	
Quebec	14	4,086,979	788	640,829	1,040,683	2,133,804	1,093,121	
Ontario	34	17,101,397	3,616	3,394,512	4,978,886	10,555,654	5,576,768	
Other Provinces x	6	838,680	173	145,103	199,817	416,075	216,258	
x Prince Edward Island				1 Establishment.				
Nova Scotia				1 Establishment.				
New Brunswick				1 Establishment.				
Manitoba				1 Establishment.				
British Columbia				2 Establishments.				

Table 2. Comparison of Principal Statistics, 1930 and 1931.

Items	No.	\$	1930	1931	Increase - Decrease
Establishments reporting	46		54		+ 8
Capital invested	20,202,796		22,027,056		+ 1,824,260
Employees on salaries	Total No.		315	430	+ 115
Male	No.		249	327	+ 78
Female	No.		66	103	+ 37
Salaries	\$	724,439	863,112		+ 138,673
Employees on wages - (average)	Total No.		3,560	4,147	+ 587
Male	No.		2,008	2,305	+ 297
Female	No.		1,552	1,842	+ 290
Total wages	\$	2,681,823	3,317,332		+ 635,509
Primary power equipment -					
Units	No.		1,282	1,388	+ 106
Horse power capacity	H.P.		11,558	12,802	+ 1,244
Cost of fuel and electricity	\$	335,858	394,220		+ 58,362
Cost of materials used	\$	6,603,930	6,219,386		- 384,544
Gross value of products	\$	12,347,672	13,105,533		+ 757,861
Value added by manufacture	\$	5,743,742	6,886,147		+ 1,142,405

THE WOOLLEN CLOTH INDUSTRY IN CANADA, 1931.

Table 3. - Production in Woollen Cloth Industry of Canada, 1930 and 1931.

Principal Products	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Woollen & Worsted Fabrics			\$		\$
Suitings, dress goods, overcoatings and cloakings					
All wool, woollen ... Yards		2,197,902	2,991,909	3,210,218	3,954,864
All wool, worsted ... "		1,453,312	2,952,372	2,135,788	3,623,139
All other woollen, worsted and cotton mixtures	"	704,312	350,450	986,697	462,121
Flannels, all kinds ... "		5,597	7,196	18,411	12,710
Blankets					
All wool Pairs		-	587,358	100,661	388,854
Cotton warp and mixed "		-	78,583	33,332	80,333
Slumber throws	No.	-	-	35,238	131,634
Horse blankets	No.	18,140	18,440	4,092	8,105
Horse blankets	Yards	13,636	16,130	8,408	9,537
Auto cloths	"	387,528	607,564	268,841	395,458
Auto rugs	No.	-	17,280	24,784	62,808
Shawls, woven	"	-	11,907	7,840	13,366
Mackinaw	Yards	215,771	241,922	269,151	249,197
Other woollen and worsted fabrics, including velour, plush and mohair	"	1,558,187	2,664,538	1,455,315	2,168,191
Other fabrics, n.e.s. ...	-	-	-	-	209,028
Batts, flocks and rolls. Lb.		-	-	9,792	6,767
Yarns for sale					
Woollen	Lb.	279,869	724,251	943,205	412,535
Worsted	"	730,709	572,888	613,062	429,427
All other products x ...	-	-	411,234	-	405,527
Received for custom work	-	-	87,650	-	88,699
T O T A L	-	-	12,347,672	-	13,105,533

* The principal articles included under "all other products" in 1931 were wool and cotton felts for pulp and paper making; cotton twine; jersey and knitted suits and dresses; sweaters, cardigan jackets, etc., and hoods and caps. It is necessary to group these values in order to avoid disclosing figures of less than three establishments.

The figures in the above table do not necessarily represent the total Canadian production of all these articles, for in some cases they are also produced in other industries.

See table 4, page 3, for total production statistics of the woollen group of industries.

THE WOOLLEN CLOTH INDUSTRY IN CANADA, 1931.

Table 4. - Capital Invested, 1927-1931.

Year and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, fuel and mis- cellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	
	\$	\$	\$	\$	\$
1927	11,470,095	4,485,273	4,214,817	20,170,185	
1928	10,545,563	5,745,023	1,984,309	18,274,895	
1929	12,560,903	5,177,516	2,277,873	20,016,292	
1930	13,019,092	4,950,957	2,232,747	20,202,796	
<u>1931</u>					
CANADA	14,610,084	3,656,447	1,575,686	2,184,839	22,027,056
Quebec	2,754,005	687,097	305,053	340,824	4,086,979
Ontario	11,223,323	2,864,776	1,227,349	1,785,949	17,101,397
Other Provinces ..	632,756	104,574	43,284	58,066	838,680

Table 5. - Materials Used, 1930 and 1931.

Principal Materials	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Domestic Wool -			\$		\$
Greasy	Lbs.	1,794,106	361,407	1,885,770	277,144
Pulled or sliped	"	224,285	56,202	557,066	110,359
Scoured	"	461,551	133,674	502,149	131,911
Foreign Wool -					
Greasy	"	876,026	273,388	1,670,047	391,673
Pulled or sliped	"	576,198	208,945	453,085	95,564
Scoured	"	2,353,815	946,714	2,229,306	765,032
Alpaca, vicuna, camel and other animal hair	"	4,476	4,600	17,899	20,880
Cotton, raw	"	330,729	50,834	511,341	48,831
Tops of wool	"	1,376,272	641,881	1,643,868	673,406
Neils of wool	"	72,237	25,563	105,986	29,131
Wool stock	"	238,482	76,055	665,125	111,328
Wool waste	"	883,593	164,758	355,573	96,577
Shoddy	"	—	—	596,288	91,002
Silk waste	"	1,473	529	1,750	1,076

THE WOOLLEN CLOTH INDUSTRY IN CANADA, 1931.

Table 5. -- Materials Used, 1930 and 1931. -- Concl'd.

Principal Materials	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Rags, clippings, etc.	Lb.	880,493	93,248	1,494,728	128,549
Yarns -					
Worsted	"	1,345,256	1,281,143	2,099,607	1,731,347
Woollen	"	210,430	160,795	45,156	26,280
Mohair	"	386,693	377,018	147,805	95,037
Mohair and worsted	"	97,959	93,914	18,086	16,277
Cotton	"	2,011,002	796,043	1,363,678	442,852
Mercerized cotton	"	2,410	2,780	40,705	26,260
Silk	"	6,405	45,740	16,358	53,290
Artificial silk	"	8,898	10,082	80,920	61,442
All other	"	149,556	161,894	49,127	33,672
Ribbons	-		1,493	-	14,877
Soaps, soda and oils	-		29,156	-	123,872
Dyestuffs, chemicals, etc.	-		307,451	-	402,869
Dyeing charges	-		-	-	49,878
All other materials	-		297,999	-	122,990
Packing and shipping materials	-		624	-	45,980
T O T A L	-		6,603,930	-	6,219,386

Table 6. -- Size of Establishments in Woollen Cloth Mills, 1930 and 1931.

Establishments having a Production of :	1930			1931		
	Establishments	Amount	Average Production per Establishment	Establishments	Amount	Average Production per Establishment
			No.			No.
	No.	\$	\$	No.	\$	\$
Under \$50,000	23	398,179	17,312	24	429,684	17,903
\$50,000 to under \$100,000.	3	219,959	73,319	4	308,897	77,224
\$100,000 to under \$200,000	3	442,576	147,525	6	877,040	146,173
\$200,000 to under \$500,000	8	2,424,698	303,087	12	3,652,283	304,357
\$500,000 to under						
\$1,000,000	5	3,219,416	643,883	5	3,587,167	717,433
\$1,000,000 and over	4	5,642,844	1,410,711	3	4,250,462	1,416,821
TOTAL AND AVERAGE	46	12,347,672	268,428	54	13,105,533	242,695

THE WOOLLEN CLOTH INDUSTRY IN CANADA, 1931.

Table 6. - Size of Establishments in Woollen Cloth Mills, 1930 and 1931. - Concl'd.

Establishments having a Capital Investment of:	1930			1931		
	Estab- lish- ments	Average Amount	Average Capital per estab- lishment	Estab- lish- ments	Average Amount	Average Capital per estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	17	361,581	21,270	19	353,287	18,594
\$50,000 to under \$100,000	3	244,194	81,398	5	373,673	74,735
\$100,000 to under \$200,000	6	869,604	144,934	4	513,429	128,357
\$200,000 to under \$500,000	7	2,290,735	327,248	12	3,851,092	320,924
\$500,000 to under \$1,000,000	6	4,023,005	670,501	7	4,801,314	685,902
\$1,000,000 and over	7	12,413,677	1,773,382	7	12,134,261	1,733,466
TOTAL AND AVERAGE ..	46	20,202,796	439,191	54	22,027,056	407,908

Establishments having an Average Employment of:	1930			1931		
	Estab- lish- ments	Number of Em- ployees	Average Number of Employees per estab- lishment	Estab- lish- ments	Number of Em- ployees	Average Number of Employees per estab- lishment
	No.	No.	No.	No.	No.	No.
Under 20 employees	19	149	7.8	20	123	6.1
20 to under 50 employees	8	242	30.3	12	380	31.7
50 to under 100 "	7	501	71.5	8	589	73.6
100 to under 200 "	5	720	144.0	7	1,001	143.0
200 and over employees	7	2,263	323.3	7	2,484	354.9
TOTAL AND AVERAGE ..	46	3,875	84.2	54	4,577	84.8

Table 7. - Employees, Salaries and Wages, by Provinces, 1930 and 1931.

	1930				Other Provinces
	CANADA	Quebec	Ontario		
Salaried employees Total	No. 315	44	259	12	
Male No. 249	39	200	10		
Female No. 66	5	59	2		
Total Salaries	\$ 724,439	124,335	568,457	31,647	
Wage earners (Average Number) Total	No. 3,560	625	2,816	119	
Male No. 2,008	329	1,623	56		
Female No. 1,552	296	1,193	63		
Total Wages	\$ 2,681,823	442,532	2,174,747	64,544	
All Employees Total	No. 3,875	669	3,075	131	
Male No. 2,257	368	1,823	66		
Female No. 1,618	301	1,252	65		
Salaries and Wages	\$ 3,406,262	566,867	2,743,204	96,191	

THE WOOLLEN CLOTH INDUSTRY IN CANADA, 1931.

Table 7. -- Employees, Salaries and Wages, by Provinces, 1930 and 1931. -- Concl'd.

1931

	CANADA	Quebec	Ontario	Other Provinces
Salaried Employees	Total No. 430	66	349	15
Male	No. 327	55	259	13
Female	No. 103	11	90	2
Total Salaries	\$ 863,112	147,112	678,815	37,185
Wage-earners (average Number)	Total 4,147	722	3,267	158
Male	No. 2,305	348	1,880	77
Female	No. 1,842	374	1,387	81
Total Wages	\$ 3,317,332	493,717	2,715,697	107,918
All employees	Total No. 4,577	788	3,616	173
Male	No. 2,632	403	2,139	90
Female	No. 1,945	385	1,477	83
Salaries and Wages	\$ 4,180,444	640,829	3,394,512	145,103

Table 8. -- Monthly Employment of Wage-earners, 1930 and 1931.

1930 1931

Month	1930			1931		
	Male No.	Female No.	Total No.	Male No.	Female No.	Total No.
January	1,998	1,571	3,569	2,129	1,746	3,875
February	2,118	1,620	3,738	2,236	1,841	4,077
March	2,151	1,641	3,792	2,320	1,948	4,268
April	2,027	1,540	3,567	2,214	1,787	4,001
May	1,972	1,476	3,448	2,294	1,800	4,094
June	1,966	1,429	3,395	2,343	1,817	4,160
July	1,829	1,390	3,219	2,379	1,825	4,204
August	1,814	1,363	3,177	2,296	1,773	4,069
September	1,714	1,420	3,134	2,262	1,807	4,069
October	1,907	1,554	3,461	2,299	1,848	4,147
November	1,965	1,551	3,516	2,413	1,922	4,335
December	1,979	1,540	3,519	2,424	1,934	4,358
Average Monthly Employment during the year	2,008	1,552	3,560	2,305	1,842	4,147

THE WOOLLEN CLOTH INDUSTRY IN CANADA, 1931.

Table 9. -- Number of Wage-earners in Month of Highest Employment whose Regular Hours of Work in 1931 were:

No. of Hours	Number of Employees	No. of Hours	Number of Employees
40 hours or less	41	51-53 hours	1,047
41-43 hours	11	54 hours	60
44 hours	63	55 hours	1,792
45-47 hours	60	56-59 hours	118
48 hours	5	60 hours	56
49-50 hours	1,579	Over 60 hours	48

The above does not include overtime.

Table 10. -- Power Equipment, 1930 and 1931.

Classes of Power	1930		1931	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
PRIMARY POWER:				
Steam engines and steam turbines	11	1,852	11	1,657
Gasoline, gas and oil engines	2	45	5	352
hydraulic turbines or water wheels	25	1,661	25	1,633
Electric motors operated by purchased power	1,244	8,000	1,347	9,160
TOTAL PRIMARY POWER	1,282	11,558	1,388	12,802
Electric motors operated by power generated in the establishment	15	670	4	50
Total Electric Motors ...	1,259	8,670	1,351	9,210
TOTAL POWER INSTALLATION ..	1,297	12,228	1,392	12,852
Boilers installed	66	8,140	65	7,851

THE WOOLLEN CLOTH INDUSTRY IN CANADA, 1931.

Table 11. Consumption of Fuel and Electricity, 1930 and 1931.

Kinds of Fuel	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal: -	Ton		\$		\$
Bituminous	(2000 Lbs.)	36,856	228,463	44,384	271,000
Anthracite	"	-	-	36	545
Lignite	"	2,960	16,375	-	-
Coke (for fuel only) .	"	14	130	41	401
Gasoline	Gal. (Imp.)	2,352	452	1,374	294
Fuel or diesel oil ...	"	-	-	11,355	1,022
Wood	Cord	882	3,052	1,586	6,326
Other fuel	-	-	244	-	2,568
TOTAL COST OF FUEL .	-	-	248,716	-	282,156
Electricity purchased for power, (including service charges)	K.W.H.	-	87,142	9,670,449	112,064
TOTAL COST OF FUEL AND ELECTRICITY	-	-	335,858	-	394,220

Table 12. Equipment in Woollen Cloth Mills, 1931.

The equipment installed in the mills operating in 1931 consisted of 226 sets of cards of specified widths, the number of each width being indicated below: -

12 inches	24 inches	30 inches	40 inches	44 inches	46 inches	48 inches	54 inches	60 inches	66 inches	72 inches	Total
19	3	5	21	6	3	70	10	86	1	2	226

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	Total
21	2	108	60	28	7	226

THE WOOLLEN CLOTH INDUSTRY IN CANADA, 1931.

The number of spindles and looms operating in 1930 is summarized in the following tabular statement.

Spindles and Looms	Woollen	Worsted	Cotton	Other	Total
	No.	No.	No.	No.	No.
Mule spinning spindles	68,907	-	-	-	68,907
Frame spinning spindles	792	16,252	3,740	-	20,784
Doubling and twisting spindles	3,269	8,114	1,011	-	12,394
Broad looms (50" reed space or over) ..	1,010	521	247	88	1,866
Narrow looms (under 50" reed space) ...	31	12	116	-	159
Hand looms	1	-	-	-	1

<u>Other Equipment</u>	<u>Number</u>
Wool combing machines	23
Pickers	67
Scmet machines	11

The above does not include the knitting equipment of one mill which also has a knitting department.

THE WOOLLEN YARN INDUSTRY IN CANADA, 1931.

In 1931 reports were received from twenty-eight establishments in the Woollen Yarn Industry in Canada representing an increase of two over the preceding year. These establishments reported a gross value of production of \$4,547,749; capital investment of \$6,281,965; employment of 1,550 persons on salaries and wages and a salary and wage bill of \$1,122,592; cost of materials used \$2,209,645 and the value added by manufacture \$2,338,104.

In comparison with the year 1930 there were variations in values and numbers as follows: - production, a decline of \$541,455 or almost 11 per cent; capital investment, a decline of \$892,135 or over 12 per cent; employees, a decrease in number of 18. The amount of salaries and wages paid increased by \$59,396 or almost 6 per cent, and the value added by manufacture also increased by \$172,901 or over 7 per cent. The cost of materials used declined by \$714,356 or 24 per cent. These variations are shown in table 2.

The principal products in this industry are woollen and worsted yarns, and in 1931 5,765,916 pounds worth \$3,810,128 were produced. Corresponding figures for 1930 were 5,627,593 pounds valued at \$4,075,966. These two items accounted for 80 per cent in 1930 and 84 per cent in 1931 of the total value of production.

Raw wool, tops of wool and wool stock are the chief materials used in the Woollen Yarn Industry. Tops of wool headed the list with 3,610,565 pounds valued at \$1,797,758 in 1930 and 3,299,017 pounds worth \$1,231,599 in 1931. Yarns were also used to the extent of \$491,696 in 1930 and \$378,702 in 1931. Dyestuffs, chemicals, soda, soaps, oils, etc., accounted for \$156,905 in 1930 and \$181,500 in 1931.

Employment remained fairly steady in 1931. April and October were the peak months with 1,513 and 1,514 wage-earners respectively. January was the lowest month of employment with 1,334 wage-earners.

Of the twenty-eight establishments reporting, sixteen were located in Ontario, five in New Brunswick, three each in Nova Scotia and Quebec and one in British Columbia. The sixteen plants in Ontario supplied almost 80 per cent of the capital investment; furnished employment to 75 per cent of all employees; paid over 78 per cent of the total salary and wage bill; purchased 84 per cent of all materials used and produced almost 79 per cent of the entire output.

The following tables show fully the activities of this industry in 1931 and afford a comparison with the previous year.

Table 1. - Principal Statistics by Provinces, 1924-1931.

Year and Provinces	Estab- lish- ments Report- ing.	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products	Value added by Manufacture
1924							
CANADA	17	9,856,783	1,621	1,097,951	4,646,180	6,671,234	2,025,054
Ontario	12	8,856,336	1,113	867,245	3,863,969	5,551,008	1,687,039
Other Provinces,	5	1,000,447	508	230,706	782,211	1,120,226	338,015

THE WOOLLEN YARN INDUSTRY IN CANADA, 1931.

Table 1. - Principal Statistics, by Provinces, 1924-1931. - Concl'd.

Year and Provinces	Establishments Reporting	Capital Invested	Employees	Salaries and Wages	Cost of Materials Used	Gross Value of Products	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
<u>1925</u>							
CANADA	16	9,041,892	1,434	1,093,078	4,787,201	7,332,093	2,544,892
Ontario	11	8,118,891	1,100	896,829	4,080,040	6,129,366	2,049,326
Other Provinces	5	923,001	334	196,249	707,161	1,202,727	495,566
<u>1926</u>							
CANADA	17	8,417,695	1,436	1,144,571	4,062,118	7,006,877	2,944,759
Ontario	11	7,570,463	1,139	971,072	3,405,891	5,734,824	2,328,933
Other Provinces	6	847,232	297	173,499	656,227	1,272,055	615,826
<u>1927</u>							
CANADA	17	9,761,057	1,648	1,290,359	4,455,941	6,944,765	2,488,824
Ontario	11	8,517,844	1,287	1,066,631	3,922,133	5,870,590	1,948,457
Other Provinces	6	1,243,213	361	223,728	533,808	1,074,175	540,367
<u>1928</u>							
CANADA	20	8,810,695	1,889	1,416,300	4,789,168	7,706,740	2,917,572
New Brunswick .	4	65,950	26	9,194	9,402	29,553	20,151
Ontario	12	7,437,902	1,492	1,155,042	4,321,652	6,515,950	2,194,298
Other Provinces	4	1,296,843	371	252,064	458,114	1,161,237	703,123
<u>1929</u>							
CANADA	27	7,699,902	1,825	1,281,074	3,962,096	7,027,242	3,065,146
Ontario	16	6,406,683	1,416	1,031,283	3,641,897	6,019,570	2,377,673
Maritime Provinces	8	72,500	44	15,013	9,784	35,227	25,443
Other Provinces	3	1,220,719	365	234,778	310,415	972,445	662,030
<u>1930</u>							
CANADA	26	7,174,100	1,568	1,063,196	2,924,001	5,089,204	2,165,203
Ontario	15	5,891,902	1,215	846,427	2,558,137	4,121,554	1,563,417
Maritime Provinces	8	72,550	38	14,771	11,207	45,031	33,824
Other Provinces	3	1,209,648	315	201,998	354,657	922,619	567,962
<u>1931</u>							
CANADA	28	6,281,965	1,550	1,122,592	2,209,645	4,547,749	2,338,104
Quebec	3	1,041,597	337	206,123	311,438	859,880	548,442
Ontario	16	4,971,957	1,166	881,708	1,860,477	3,581,295	1,720,818
xOther Provinces	9	268,411	47	34,761	37,730	106,574	68,844

x "Other Provinces" include:

Nova Scotia 3 Establishments.
New Brunswick 5 Establishments.
British Columbia 1 Establishment.

THE WOOLLEN YARN INDUSTRY IN CANADA, 1931.

Table 2. - Comparison of Principal Statistics, 1930 and 1931.

Items		1930	1931	% Increase - Decrease	
				No.	\$
Establishments reporting	No.	26	28	+	2
Capital invested	\$	7,174,100	6,281,965	-	892,135
Employees on salaries	Total No.	59	93	+	34
Male	No.	37	67	+	30
Female	No.	22	26	+	4
Salaries	\$	123,021	179,948	+	56,927
Employees on wages (Average)	Total No.	1,509	1,457	-	52
Male	No.	677	630	-	47
Female	No.	832	827	-	5
Total wages	\$	940,175	942,644	+	2,469
Primary power equipment					
Units	No.	204	176	-	28
Horse-power capacity	H.P.	3,383	2,654	-	729
Cost of fuel and electricity	\$	117,973	91,624	-	26,349
Cost of materials used	\$	2,924,001	2,209,645	-	714,356
Gross value of products	\$	5,089,204	4,547,749	-	541,455
Value added by manufacture	\$	2,165,203	2,338,104	+	172,901

Table 3. - Production in Woollen Yarn Industry, 1930 and 1931.

Principal Products	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Yarns for sale: -			\$		\$
Woollen	Lbs.	2,310,362	910,005	2,532,251	900,099
Worsted	"	3,317,231	3,165,961	3,233,665	2,910,029
All other	"	115,528	36,630	143,569	144,037
Suitings, dress goods, overcoatings and cloakings	Yards	22,825	13,600	376,416	229,142
Blankets, wool, wool and cotton mixed, horse blankets, auto cloths			15,046		39,116
Stockinette	Lbs.	-	-	15,081	7,846
Wool waste and noils	"	68,866	4,231	83,042	10,984
Batts, flocks and rolls ..	"	10,096	6,875	1,085	579
All other products X	-	-	916,006	-	269,140
Received for custom work ..	-	-	20,850	-	36,777
T O T A L	-	-	5,089,204	-	4,547,749

^x The principal articles included under "all other products" in 1931 are: - wool and cotton felts for pulp and paper making; eider downs; glove, shoe and rubber linings. It is necessary to group these values in order to avoid disclosing figures of less than three establishments.

THE WOOLLEN YARN INDUSTRY IN CANADA, 1931.

It must be understood that the figures in table 4 do not necessarily represent the total Canadian production of all these articles, for in some cases they are also produced in other industries.

With reference to table 3 see table 4, on pages 3 and 4 of this report for total production of the woollen group of industries.

Table 4. - Capital Invested, 1927-1931.

Year and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, Buildings, Fixtures, Machinery, Tools, etc.	Materials on hand, Stocks in process, Fuel and Miscellaneous supplies, etc.	Inventory value of finished products	Cash, bills and accounts receivable, prepaid expenses, etc.	
1927	4,653,168	1,962,607	3,145,282	9,761,057	
1928	4,805,137	2,118,878	1,886,680	8,810,695	
1929	4,651,007	2,060,494	988,401	7,699,902	
1930	4,586,064	1,505,401	1,082,635	7,174,100	
<u>1931</u>					
CANADA	4,316,527	839,900	335,772	789,766	6,281,965
Quebec	738,480	123,063	73,523	106,531	1,041,597
Ontario	3,358,817	690,262	251,349	671,529	4,971,957
Other Provinces	219,230	26,575	10,900	11,706	268,411

Table 5. - Materials Used, 1930 and 1931.

Principal Materials	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Domestic wool: -			\$		\$
Greasy	Lbs.	368,808	86,841	303,826	46,665
Pulled or sliped	"	1,500	225	47,511	8,666
Scoured	"	6,815	1,568	13,500	3,017
Foreign wool: -					
Greasy, pulled or sliped	"	212,542	54,371	384,675	67,743
Scoured	"	150,078	35,764
Cotton, raw	"	277,605	60,401	305,800	53,579
Tops of wool	"	3,610,565	1,797,758	3,299,017	1,231,599
Wool stock, waste, etc..	"	375,876	62,573	380,374	119,529

THE WOOLLEN YARN INDUSTRY IN CANADA, 1931.

Table 5. - Materials Used, 1930 and 1931. - Concl'd.

Principal Materials	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Yarn: -			\$		\$
Worsted	Lbs.	184,047	168,923	16,361	41,509
Woollen and merino	"	546,877	237,272	714,078	261,870
Cotton	"	154,984	53,039	46,078	14,928
Artificial silk	"	37,193	32,462	69,491	60,395
Dyestuffs, chemicals, etc.	-	-	153,051	-	177,024
Soaps, soda, oils	-	-	3,854	-	4,476
All other materials	-	-	195,577	-	49,250
Packing and shipping materials.	-	-	16,086	-	33,631
T O T A L	-	-	2,924,001	-	2,209,645

Table 6. - Size of Establishments, 1930 and 1931.

Establishments having a Production of:	1930			1931		
	No. of Establishments	Total Production	Average per establishment	No. of Establishments	Total Production	Average per establishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	17	134,346	7,903	19	100,965	5,314
\$50,000 to under \$500,000	5	1,334,081	266,816	5	1,270,790	254,158
\$500,000 and over	4	3,620,777	905,194	4	3,175,994	793,998
TOTAL AND AVERAGE ...	26	5,089,204	195,739	28	4,547,749	162,420
Establishments having a Capital Investment of:	No. of Establishments	Capitalization	Average per establishment	No. of Establishments	Capitalization	Average per establishment
	No.	\$	\$	No.	\$	\$
	Under \$50,000	15	179,360	11,958	17	159,411
\$50,000 to under \$500,000	6	1,505,550	250,925	5	1,022,787	204,557
\$500,000 and over	5	5,489,190	1,097,838	6	5,099,767	849,961
TOTAL AND AVERAGE ...	26	7,174,100	275,927	28	6,281,965	224,356

THE WOOLLEN YARN INDUSTRY IN CANADA, 1931.

Table 6. - Size of Establishments, 1930 and 1931. - Concl'd.

Establishments having an average Employment of:	1930			1931		
	No. of Estab- lish- ments	Number of Employees	Average No. of employ- ees per establish- ment	No. of Estab- lish- ments	Number of Employees	Average No. of employ- ees per establish- ment
	No.	No.	No.	No.	No.	No.
Under 20 employees.	15	58	3.9	18	86	4.8
20 to under 100 "	5	224	44.8	4	190	47.5
100 to under 200 "	3	395	131.7	3	422	140.7
200 to under 500 "	3	891	297.0	3	852	284.0
TOTAL AND AVERAGE	26	1,568	60.2	28	1,550	55.4

Table 7. - Employees, Salaries and Wages, 1930 and 1931.

	1930			
	CANADA	Ontario	Maritime Provinces	Other Provinces
Salaried employees	Total No.	59	48	-
Male	No.	37	30	-
Female	No.	22	18	-
Total Salaries	\$	123,021	100,409	-
Wage-earners (Average Number)	Total	1,509	1,167	38
Male	No.	677	430	23
Female	No.	832	737	15
Total Wages	\$	940,175	746,018	14,771
All employees	Total No.	1,568	1,215	38
Male	No.	714	460	23
Female	No.	854	755	15
Salaries and Wages	\$	1,063,196	846,427	14,771
	1931			
	CANADA	Quebec	Ontario	Other Provinces
Salaried employees	Total No.	93	10	73
Male	No.	67	8	50
Female	No.	26	2	23
Total Salaries	\$	179,948	19,436	149,500
Wage-earners (Average Number)	Total	1,457	327	1,093
Male	No.	630	251	362
Female	No.	827	76	731
Total Wages	\$	942,644	186,687	732,208
				23,749

THE WOOLLEN YARN INDUSTRY IN CANADA, 1931.

Table 7. -- Employees, Salaries and Wages, 1930 and 1931. -- Concl'd.

1931

		CANADA	Quebec	Ontario	Other Provinces
All employees	Total No.	1,550	337	1,166	47
Male	No.	697	259	412	26
Female	No.	853	78	754	21
Salaries and Wages	\$	1,122,592	206,123	881,708	34,761

Table 8. -- Monthly Employment of Wage earners, 1930 and 1931.

1930 1931

Month	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	701	876	1,577	588	746	1,334
February	691	857	1,548	612	836	1,448
March	652	777	1,429	627	872	1,499
April	643	782	1,425	603	910	1,513
May	649	763	1,412	590	882	1,472
June	655	757	1,412	594	812	1,406
July	631	741	1,372	611	809	1,420
August	612	707	1,319	619	800	1,419
September	617	685	1,302	647	809	1,456
October	638	779	1,417	681	833	1,514
November	660	785	1,445	686	810	1,496
December	671	837	1,508	679	775	1,454
Average Monthly Employment during the year	677	832	1,509	630	827	1,457

Table 9. -- Number of Wage-earners in Month of Highest Employment whose Regular Hours of Work in 1931 were: -

No. of Hours	Number of Employees	No. of Hours	Number of Employees
40 hours or less	10	51-53 hours	-
41-43 hours	-	54 hours	13
44 hours	6	55 hours	991
45-47 hours	191	56-59 hours	10
48 hours	16	60 hours	-
49-50 hours	472	Over 60 hours	-

The above does not include overtime.

THE WOOLLEN YARN INDUSTRY IN CANADA, 1931.

Table 10. - Power Equipment, 1930 and 1931.

Classes of Power	1930		1931	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
PRIMARY POWER: -				
Steam engines and steam turbines	7	381	5	358
Gasoline, gas and oil engines	3	30	1	8
Hydraulic turbines or water wheels	8	552	8	556
Electric motors operated by purchased power	186	2,420	162	1,732
TOTAL PRIMARY POWER	204	3,383	176	2,654
Electric motors operated by power generated in the establishment	37	816	-	-
Total Electric Motors	223	3,236	162	1,732
TOTAL POWER INSTALLATION	241	4,199	176	2,654
Boilers installed	27	2,445	21	1,700

Table 11. - Consumption of Fuel and Electricity, 1930 and 1931.

Kinds of Fuel	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal: -	Ton	\$	\$		
Bibminous	(2000 Lbs.)	14,026	84,223	8,772	53,540
Lignite	"	58	179	-	-
Gasoline	Gal. (Imp.)	315	83	200	62
Wood	Cord	1,028	4,388	980	3,994
Gas	-	-	279	-	200
Total Cost of Fuel	-	-	89,152	-	57,796
Electricity purchased (including service charges) K.W.H.		28,821	2,712,607	33,828	
TOTAL COST OF FUEL & ELECTRICITY		117,973		91,624	

THE WOOLLEN YARN INDUSTRY IN CANADA, 1931.

Table 12. - Woollen Yarn Industry — Machinery and Equipment, 1930 and 1931.

	1930	1931
	No.	No.
Sets of Cards: —		
Woollen	73	73
Worsted	3	2
Cotton	5	5
TOTAL	81	80
Width of Cards: —		
24 inches	2	2
27 inches	—	1
28 inches	—	1
30 inches	1	2
36 inches	4	1
40 inches	14	12
44 inches	1	—
48 inches	42	44
54 inches	2	2
60 inches	15	15
Cylinders to each Set of Cards: —		
1 cylinder	5	1
2 cylinders	9	10
3 cylinders	60	60
4 cylinders	7	8
6 cylinders	—	1
Spindles: —		
Mule spinning —		
Woollen	19,190	19,830
Cotton	—	264
Frame spinning —		
Woollen	801	801
Worsted	36,996	37,976
Doubling and twisting —		
Woollen	602	598
Worsted	16,570	16,716
Broad looms (50 inches reed space or over)	60	46
Narrow looms (under 50 inches reed space)	68	9
Hand looms	1	1
Pickers	42	40
Wool combing machines	5	6
Garnet machines	6	5

THE CARPET, MAT AND RUG INDUSTRY IN CANADA, 1931.

In the Carpet, Mat and Rug Industry twenty-one establishments reported their operations for 1931, this being an increase of two over the number reporting in 1930. Manufacturing was considerably curtailed in 1931, the gross value of production amounted to \$3,518,511, a decrease of \$1,282,555 or 26.8 per cent. The number of persons furnished employment was 1,120 or 50 less than in 1930, the salary and wage bill was \$1,191,465, a drop of \$101,254 or 7.9 per cent. Cost of materials used amounting to \$1,328,420, showed a decline of \$627,525 or 32.1 per cent; and the value added by manufacture decreased from \$2,845,121 in 1930 to \$2,190,091 in 1931, a loss of \$655,030 or 23.1 per cent. The amount of capital invested in this industry in 1931 was \$7,245,414 and represented an increase of \$616,933 or 9.3 per cent over the 1930 investment.

The manufacture of carpets and rugs in rolls, squares and runners is the principal occupation of this industry with the production of Wiltons and Axminsters predominating. Their value in 1931 was \$2,801,529 almost 80 per cent of a total production of \$3,518,511. In 1930 the production of Wiltons and Axminsters was \$4,014,292 or over 85 per cent of a total production of \$4,801,066.

Yarns of various kinds constitute the chief materials used in 1931 4,553,696 pounds were purchased costing \$1,193,734 which represented almost 90 per cent of the cost of all materials used. In 1930 the cost of 5,281,084 pounds of yarns was \$1,839,481 or 94 per cent of the total.

The trend of employment remained fairly steady throughout 1931. December was the month of highest employment with 1,017 wage-earners, and September the lowest with an enrolment of 812. Similarly, corresponding figures for 1930 were December high with 999 and September low with 883.

Of the twenty-one establishments reporting in 1931, fourteen of them were located in Ontario, two in Alberta and one each in Nova Scotia, New Brunswick, Quebec, Manitoba and British Columbia. The concentration is in Ontario which supplied 98.6 per cent of the capital, furnished employment to 97.2 per cent of the total number employed, paid 97.4 per cent of the salary and wage bill, purchased 98.8 per cent of all materials used and produced 97.9 per cent of the entire output.

The following tables show fully the manufacturing activities of this industry in 1931 and afford a comparison with the previous year.

Table 1. Principal Statistics, 1924-1931.

Year and Provinces	Establishments Reporting	Capital Invested	Employees	Cost of Salaries and Wages		Gross Value of Products	Value added by Manufacture
				No.	\$		
1924							
CANADA	18	4,738,420	829	844,911	1,122,151	2,725,779	1,603,628
Ontario	13	4,717,177	809	825,655	1,118,918	2,689,920	1,571,002
Other Provinces ...	5	21,243	20	19,256	3,233	35,859	32,626

THE CARPET, MAT AND RUG INDUSTRY IN CANADA, 1931.

Table 1. - Principal Statistics, 1924-1931. - Concl'd.

Year and Provinces	Establishments Report	Capital Invested	Employees	Salaries and Wages	Cost of Materials	Gross Value of Products	Value added by Manufacture
					\$	\$	\$
<u>1925</u>							
CANADA	16	4,080,905	861	893,843	1,432,494	2,905,251	1,472,757
Ontario	11	4,059,847	842	874,962	1,429,932	2,874,962	1,445,030
Other Provinces	5	21,058	19	18,881	2,562	30,289	27,727
<u>1926</u>							
CANADA	17	4,037,183	828	843,035	1,515,052	3,152,800	1,637,748
Ontario	12	4,008,859	809	824,937	1,512,698	3,122,559	1,609,861
Other Provinces	5	28,324	19	18,098	2,354	30,241	27,887
<u>1927</u>							
CANADA	18	4,343,572	948	1,020,448	1,692,111	4,015,339	2,323,228
Ontario	12	4,325,227	929	1,000,309	1,689,637	3,979,321	2,289,684
Other Provinces	6	18,345	19	20,139	2,474	36,018	33,544
<u>1928</u>							
CANADA	22	6,072,610	1,137	1,296,804	2,370,903	5,009,240	2,638,337
Ontario	16	6,010,744	1,097	1,264,797	2,350,327	4,925,141	2,574,814
Other Provinces	6	61,866	40	32,007	20,576	84,099	63,523
<u>1929</u>							
CANADA	22	6,446,734	1,293	1,463,685	2,559,680	5,434,555	2,874,875
Ontario	16	6,376,335	1,259	1,429,596	2,539,679	5,354,104	2,814,425
Other Provinces	6	70,399	34	34,089	20,001	80,451	60,450
<u>1930</u>							
CANADA	19	6,628,481	1,170	1,292,719	1,955,945	4,801,066	2,845,121
Ontario	14	6,556,788	1,141	1,265,696	1,938,069	4,730,389	2,792,320
Other Provinces	5	71,693	29	27,023	17,876	70,677	52,801
<u>1931</u>							
CANADA	21	7,245,414	1,120	1,191,465	1,328,420	3,518,511	2,190,091
Ontario	14	7,142,921	1,089	1,159,979	1,311,919	3,445,456	2,131,537
Other Provinces x...	7	102,493	31	31,486	16,501	75,055	58,554

* Other Provinces include: -

- Alberta 2 Establishments.
- Nova Scotia 1 Establishment.
- New Brunswick 1 Establishment.
- Quebec 1 Establishment.
- Manitoba 1 Establishment.
- British Columbia 1 Establishment.

THE CARPET, MAT AND RUG INDUSTRY IN CANADA, 1931.

Table 2. - Comparison of Principal Statistics, 1930 and 1931.

Items		1930	1931	+ Increase - Decrease
Establishments reporting	No.	19	21	+ 2
Capital invested	\$	6,628,481	7,245,414	+ 616,933
Employees on salaries	Total No.	202	198	- 4
Male	No.	158	155	- 3
Female	No.	44	43	- 1
Salaries	\$	442,024	426,862	- 15,142
Employees on wages (Average) ...	Total No.	968	922	- 46
Male	No.	601	567	- 34
Female	No.	367	355	- 12
Total wages	\$	850,695	764,583	- 86,112
Primary power equipment -				
Units	No.	286	316	+ 30
Horse-power capacity	H.P.	2,254	2,232	- 22
Cost of fuel and electricity	\$	79,871	77,509	- 2,362
Cost of materials used	\$	1,955,945	1,328,420	- 627,525
Gross value of products	\$	4,801,066	3,518,511	- 1,282,555
Value added by manufacture	\$	2,845,121	2,190,091	- 655,030

Table 3. - Production of Carpets, Mats and Rugs, 1930 and 1931.

Principal Products	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Carpets in rolls, including stair -			\$		\$
Axminster	Lin. Yds.	-	-	142,807	257,270
Wilton	" "	-	-	210,330	613,502
Brussels	" "	-	-	21,818	26,705
All other	" "	-	-	75,669	86,195
Carpets in squares, 4'6" by 7'6" or larger -					
Axminster	-	-	-	-	537,593
Wilton	-	-	-	-	322,824
Small squares and runners -					
Axminster	-	-	-	-	593,059
Wilton	-	-	-	-	477,281
Other rugs, squares and runners	-	-	-	-	211,788
Carpets in rolls, squares, runners, etc. -					
Axminster	-	-	1,875,520	-	-
Wilton	-	-	2,138,772	-	-
All other	-	-	241,367	-	-

THE CARPET, MAT AND RUG INDUSTRY IN CANADA, 1931.

Table 3. - Production of Carpets, Mats and Rugs, 1930 and 1931. - Concl.

Principal Products	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Cotton, wool and hooked rugs.	..	-	135,716	-	-
Cotton rugs, including bath mats	-	-	-	-	84,392
Hooked rugs	No.	-	-	203	1,316
Rugs made from old carpets	-	64,527	-	17,955
All other products ^x	-	-	311,539	-	270,019
Received for custom work	-	-	33,625	-	18,612
T O T A L	-	-	4,801,066	-	3,518,511

^x The principal items included in "all other products" in 1931 were:- cocoa mats, matting and rugs; press cloths of cotton and hemp; jute webbing; stockinette and rug patterns.

It is necessary to make broad classifications in this industry in order to avoid disclosing the output of less than three establishments.

See table 4 on pages 3 and 4 of this report for total production figures of the woollen group of industries.

Table 4. - Capital Invested, 1927-1931.

Year and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, Buildings, Fixtures, Machinery, Tools, etc.	Materials on hand, Stocks in process, Fuel and mis- cellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses etc.	
1927	1,691,404	656,752	1,995,416	4,343,572	
1928	2,457,539	1,266,916	2,348,155	6,072,610	
1929	2,539,165	1,570,486	2,337,083	6,446,734	
1930	2,913,306	1,558,137	2,157,038	6,628,481	
<u>1931</u>					
Canada	3,481,342	971,407	707,852	2,084,813	7,245,414
Ontario	3,412,034	962,384	695,012	2,073,491	7,142,921
Other Provinces ...	69,308	9,023	12,840	11,322	102,493

THE CARPET, MAT AND RUG INDUSTRY IN CANADA, 1931.

Table 5. -- Materials Used, Years 1930 and 1931.

Principal Materials	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Yarns: -			\$		\$
Worsted	Lbs.	458,800	339,616	442,995	224,388
Woollen	"	1,715,616	880,500	1,247,760	519,660
Coir	"	666,626	53,252	665,903	50,767
Cotton	"	1,100,575	360,787	907,263	233,500
Jute	"	1,290,206	186,924	1,235,085	149,029
Linen	"	2,324	854	23,017	5,453
All other	"	46,937	17,548	31,673	10,937
Cotton duck and burlap	Yds.	143,012	21,186	127,549	14,346
Old carpets	-	-	2,602	-	639
Rags, clippings, etc.	Lbs.	2,645	203	25,243	1,620
Cords, trimmings, etc.	-	-	-	-	3,311
Dyestuffs, chemicals, etc..	-	-	75,723	-	76,194
All other materials	-	-	16,750	-	27,625
Packing and shipping materials	-	-	-	-	10,951
T O T A L	-	-	1,955,945	-	1,328,420

Table 6. -- Employees, Salaries and Wages, 1930 and 1931.

		1930	1931
Salaried employees	- Total	No. 202	198
	Male	No. 158	155
	Female	No. 44	43
	Total salaries ... \$	442,024	426,882
Wage-earners (Average Number)	- Total	No. 968	922
	Male	No. 601	567
	Female	No. 367	355
	Total wages \$	850,695	764,583
Total Employees	- Total	No. 1,170	1,120
	Male	No. 759	722
	Female	No. 411	398
	Salaries and wages \$	1,292,719	1,191,465

THE CARPET, MAT AND RUG INDUSTRY IN CANADA, 1931.

Table 7. - Monthly Employment of Wage earners, 1930 and 1931.

Months	1930			1931		
	Male No.	Female No.	Total No.	Male No.	Female No.	Total No.
January	605	369	974	589	371	960
February	615	373	988	565	359	924
March	612	373	985	544	345	889
April	605	375	980	575	354	929
May	604	377	981	581	357	938
June	603	369	972	583	359	942
July	584	357	941	562	346	908
August	583	350	933	514	325	839
September	549	334	883	507	305	812
October	582	356	938	564	344	908
November	575	352	927	600	384	984
December	625	374	999	620	397	1,017
Average Monthly Employment during the year .	601	367	968	567	355	922

Table 8. - Number of Wage earners in Month of Highest Employment whose Regular Hours of Work in 1931 were: -

No. of Hours	Number of Employees	No. of Hours	Number of Employees
40 hours or less	124	51-53 hours	453
41-43 hours	29	54 hours	5
44 hours	21	55 hours	8
45-47 hours	63	56-59 hours	5
48 hours	24	60 hours	5
49-50 hours	292	Over 60 hours	7

The above table does not include overtime.

THE CARPET, MAT AND RUG INDUSTRY IN CANADA, 1931.

Table 9. - Power Equipment, 1930 and 1931.

Classes of Power	1930		1931	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
PRIMARY POWER				
Steam engines and steam turbines	3	472	3	472
Gasoline, gas and oil engines	1	3	1	3
Hydraulic turbines or water wheels	-	-	40	200
Electric motors operated by purchased power	282	1,779	272	1,557
TOTAL PRIMARY POWER	286	2,254	316	2,232
 Electric motors operated by power generated in the establishment				
	125	1,250	125	1,250
Total electric motors	407	3,029	397	2,807
TOTAL POWER INSTALLATION	411	3,504	441	3,482
Boilers installed	16	2,358	19	2,908

Table 10. - Consumption of Fuel and Electricity, 1930 and 1931.

Kinds of Fuel	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal:	Ton	\$	\$		
Bituminous	(2000 Lbs.)	10,387	57,941	9,877	57,132
Anthracite	"	36	474	18	245
Coke (for fuel only)	"	11	120	26	273
Gasoline	Gal. (Imp.)	138	59	10	3
Kerosene or coal oil	" "	12	3	2,920	304
Fuel or diesel oil	"	9,085	945	-	-
Wood	Cord	7	63	-	22
Gas, manufactured	M cu. ft.	108	114	37	39
Other fuel	-	-	439	-	158
Total Cost of Fuel	-	-	60,158	-	58,176

THE CARPET, MAT AND RUG INDUSTRY IN CANADA, 1931.

Table 10. - Consumption of Fuel and Electricity, 1930 and 1931. - Concl'd.

Kinds of Fuel	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Electricity purchased (including service charges) ..	K.W.H.	..	19,713	1,939,073	19,333
TOTAL COST OF FUEL AND ELECTRICITY	-	..	79,871	-	77,509

Table 11. - Machinery and Equipment, 1930 and 1931.

	1930	1931
	No.	No.
Sets of Cards: -	-	48
Width of Cards: -		
27 inches	-	45
48 inches	-	2
60 inches	-	1
Mule spinning spindles	-	856
Broad looms, (50 inches reed space or over)	45	73
Narrow looms, (under 50 inches reed space)	320	379
Hand looms	-	41
Knitting machines	26	30
Sewing machines	12	26
Twisters	4	8
Coppers	4	7
Winders	2	12
Braiders	-	9
Other machines	-	34

THE WOOLLEN GOODS INDUSTRY, N.E.S., 1931.

This section of the woollen industry includes all manufactured articles of which wool constitutes the chief component material and which cannot properly be classified under the other sections. The principal products are blankets and slumber throws, felts and their manufactures, shoddy, mungo, wool extract, batts, flocks, rolls and pulled wool.

Twenty three establishments reported their operations in 1931, a decrease of two from the preceding year. They reported a gross value of production of \$4,284,244; capital investment of \$7,532,239; 961 employees, salaried and wage-earning; a salary and wage bill of \$931,134; cost of raw and other materials was \$1,734,476 and the value added by manufacture amounted to \$2,549,768.

In every instance this represented a decline from the corresponding figures for 1930 as follows: - production \$975,344 or 18.5 per cent; capital invested \$943,816 or 11.1 per cent; employees 136 or 12.4 per cent; salaries and wages \$119,196 or 11.4 per cent; cost of materials \$863,477 or 33.2 per cent, and the value added by manufacture \$111,867 or 4.2 per cent. The variations are shown in detail in table 2.

The production of felts for pulp and paper making ranked first in importance in 1931 with an output of 1,705,414 pounds valued at \$2,084,140, the corresponding figures for 1930 being 2,435,536 pounds worth \$2,937,661. All other felts had a value of \$943,427 in 1931 against a value of \$638,337 in 1930. Other important products in 1931 were blankets, slumber throws and auto rugs with a value of \$402,472 and shoddy, mungo and wool extract with a value of \$384,660.

The chief material used in this industry in 1931 was raw wool to the extent of 2,696,142 pounds costing \$636,216, 278,169 pounds of this wool was domestic and 2,417,973 pounds were imported. In 1930 there was used 503,038 pounds of domestic costing \$146,474 and 2,950,545 pounds of imported costing \$1,011,497. It will be noted that the cost of raw wool declined considerably in 1931 as compared with 1930. Other principal materials used were alpaca, vicuna and animal hair and rags, clippings, etc. The quantities and values of these items are shown in table 5.

Employment while fairly steady throughout 1931 was below the level of the previous year. The month of highest employment was April with 915 while January with 818 was the lowest.

The twenty-three establishments were distributed as follows: - Ontario eighteen, Quebec three and Nova Scotia and British Columbia one each. While over two-thirds of the establishments were located in Ontario, only a little over half the manufacturing was accounted for in that province.

The following tables show fully the activities of this industry in 1931 and afford a comparison with the previous year.

THE WOOLLEN GOODS, N.E.S. INDUSTRY, 1931.

Table 1. - Principal Statistics by Provinces, 1924-1931.

Year and Provinces	Estab-lish-ments Report-ing	Capital Invested	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products	Value added by Manufacture
					No.	\$	\$
1924	31	7,977,444	1,024	1,029,269	3,163,939	5,775,042	2,609,103
1925	30	7,849,502	1,087	1,012,783	3,141,761	5,513,230	2,371,469
1926	28	7,994,200	1,080	978,244	2,947,112	5,738,462	2,791,350
<u>1927</u>							
CANADA	24	7,758,050	1,113	1,111,957	2,939,986	5,934,369	2,994,383
Quebec	4	2,973,275	371	408,609	1,051,448	2,416,445	1,364,997
Ontario	17	4,686,274	708	681,039	1,695,458	3,284,349	1,588,891
Other Provinces ...	3	98,501	34	22,309	193,080	233,575	40,495
<u>1928</u>							
CANADA	27	8,375,122	1,225	1,207,037	3,494,918	6,909,229	3,414,311
Quebec	5	3,132,133	417	413,361	1,177,793	2,558,620	1,380,827
Ontario	19	5,052,345	773	772,597	2,099,761	4,101,316	2,001,555
Other Provinces ...	3	190,644	35	21,079	217,364	249,293	31,929
<u>1929</u>							
CANADA	26	8,680,289	1,141	1,178,738	3,348,836	6,476,608	3,127,772
Quebec	4	3,920,612	526	491,664	1,330,081	2,850,443	1,520,362
Ontario	19	4,597,719	582	662,430	1,852,352	3,457,612	1,605,260
Other Provinces ...	3	161,958	33	24,644	166,403	168,553	2,150
<u>1930</u>							
CANADA	25	8,476,055	1,097	1,050,330	2,597,953	5,259,588	2,661,635
Quebec	4	3,893,537	503	428,265	1,007,268	2,314,536	1,307,268
Ontario	18	4,480,965	564	599,656	1,504,448	2,869,114	1,364,666
Other Provinces ...	3	101,553	30	22,409	36,237	75,338	10,299
<u>1931</u>							
CANADA	23	7,532,239	961	931,134	1,734,476	4,284,244	2,549,768
Ontario	18	3,690,520	516	553,763	926,303	2,335,636	1,409,333
Other Provinces ^x ...	5	3,841,719	445	377,371	808,175	1,948,608	1,140,435

^x Other Provinces include: -

Quebec 3 Establishments.

Nova Scotia 1 Establishment.

British Columbia 1 Establishment.

THE WOOLLEN GOODS, N.E.S. INDUSTRY, 1931.

Table 2. - Comparison of Principal Statistics, 1930 and 1931.

Items		1930	1931	/ Increase - Decrease
Establishments reporting	No.	25	23	- 2
Capital invested	\$	8,476,055	7,532,239	- 943,816
Employees on salaries	Total No.	98	103	/ 5
Male	No.	76	80	/ 4
Female	No.	22	23	/ 1
Salaries	\$	234,306	259,582	/ 25,276
Employees on wages (Average) ...	Total No.	999	858	- 141
Male	No.	746	641	- 105
Female	No.	253	217	- 36
Total wages	\$	816,024	671,552	- 144,472
Primary power equipment				
Units	No.	246	285	/ 39
Horse-power capacity	H.P.	6,802	8,581	/ 1,779
Cost of fuel and electricity	\$	98,622	85,612	- 13,010
Cost of materials used	\$	2,597,953	1,734,476	- 863,477
Gross value of products	\$	5,259,588	4,284,244	- 975,344
Value added by manufacture	\$	2,661,635	2,549,768	- 111,867

Table 3. - Production of Woollen Goods, N.E.S., 1930 and 1931.

Principal Products	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Wool blankets, slumber throws and auto rugs	-	-	570,641	-	402,472
Woollen and worsted fabrics	-	-	-	-	50,650
Felts -					
Hair	Lbs.	315,083	56,803	-	459,827
Shoe	Yds.	-	153,422	306,901	157,027
Pulp and paper makers' felts	Lbs.	2,435,536	2,937,661	1,705,414	2,084,140
Harness	"	175,999	70,889	163,399	57,452
Padding	"	-	148,928	467,763	101,833
All other felt goods	-	-	208,295	-	167,288
Shoddy, mungo and wool extract	Lbs.	2,862,930	343,461	3,487,887	384,660
Pickled skins	Doz.	25,656	118,667	31,099	80,121
All other products ^x	-	-	514,476	-	248,651
Received for custom work	-	-	136,345	-	90,123
T O T A L	-	-	5,259,588	-	4,284,244

^x The principal items included under "all other products" in 1931 were: - batts, flocks and rolls, pulled wool, rags and wipers, cotton rope and upholstering padding. It is necessary to group these together in order to avoid disclosing production

THE WOOLLEN GOODS, N.E.S. INDUSTRY, 1931.

The figures in table 3 do not necessarily represent the total Canadian production of all these articles, for in some cases they are also produced in other industries.

With reference to table 3 see table 4 on pages 3 and 4 of this report for total production of the woollen group of industries.

Table 4. - Capital Invested, 1927-1931.

Year and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, Buildings, Fixtures, Machinery, Tools, etc.	Stocks in process Fuel and Misc. cellaneous	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	
	\$	\$	\$	\$	\$
1927	4,710,763		1,720,198	1,327,089	7,758,050
1928	5,155,971		1,678,122	1,541,029	8,375,122
1929	5,900,889		1,648,016	1,131,384	8,680,289
1930	6,024,472		1,366,149	1,085,434	8,476,055
1931					
CANADA	5,214,752	760,144	506,250	1,051,093	7,532,239
Ontario	2,416,835	466,528	156,935	650,222	3,690,520
Other Provinces	2,797,917	293,616	349,315	400,871	3,841,719

Table 5. - Materials Used, 1930 and 1931.

Principal Materials	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
		\$	\$		\$
Domestic wool: -					
Greasy, pulled and scoured.	Lbs.	503,038	146,474	278,169	46,854
Foreign wool: -					
Greasy, pulled and scoured.	"	2,950,545	1,011,497	2,417,973	589,362
Alpaca, vicuna and other animal hair			37,396		157,780
Burlap, jute and hemp cloth..			42,636		25,206
Other fabrics			87,408		35,920
Rags, clippings, etc.	Lbs.	3,827,414	242,343	3,494,220	143,102
Cotton and jute wastes					72,876
Noil, wool stock, wool was e. shoddy, etc.	Lbs.		45,684	991,989	93,748

THE WOOLLEN GOODS, N.E.S. INDUSTRY, 1931.

Table 5. - Materials Used, 1930 and 1931. - Concl'd.

Principal Materials	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Sheep skins	No.	314,969	\$ 287,347	377,758	\$ 161,558
Dyestuffs, chemicals, etc.	-	-	67,588	-	66,188
All other materials	-	-	629,580	-	287,971
Packing and shipping materials	-	-	-	-	53,911
T O T A L	-	-	2,597,953	-	1,734,476

Table 6. - Size of Establishments, 1930 and 1931.

Establishments having a Production of:	1930			1931		
	No. of Establishments	Total Production	Average Production per Establishment	No. of Establishments	Total Production	Average Production per Establishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	11	228,821	20,802	10	197,653	19,765
\$50,000 to \$100,000	4	195,896	48,974	4	301,232	75,308
\$100,000 to \$200,000 ...	3	347,078	115,693	4	553,729	138,432
\$200,000 and over	7	4,487,793	641,113	5	3,231,630	646,326
TOTAL AND AVERAGE	25	5,259,588	210,383	23	4,284,244	186,271

Establishments having a Capital Investment of:	1930			1931		
	No. of Establishments	Total Capital	Average Capital per Establishment	No. of Establishments	Total Capital	Average Capital per Establishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	10	217,269	21,727	7	100,571	14,367
\$50,000 to \$100,000	5	305,831	61,166	8	589,887	73,736
\$100,000 to \$500,000 ...	7	1,739,896	248,557	5	1,303,495	260,699
\$500,000 and over	3	6,213,059	2,071,019	3	5,538,286	1,846,095
TOTAL AND AVERAGE	25	8,476,055	339,042	23	7,532,239	327,489

THE WOOLLEN GOODS, N.E.S. INDUSTRY, 1931.

Table 6. - Size of Establishments, 1930 and 1931. - Concl'd.

Establishments having an Average Employment of:	1930			1931		
	No. of Establish- ments	Total Employees	Average Number of Employees per Estab- lishment	No. of Establish- ments	Total Employees	Average Number of Employees per Estab- lishment
	No.	No.	No.	No.	No.	No.
Under 20 employees ...	16	137	8.6	13	101	7.8
20 to 50 employees ...	5	183	36.6	7	237	33.9
50 and over	4	777	194.3	3	623	207.6
TOTAL AND AVERAGE ..	25	1,097	43.9	23	961	41.8

Table 7. - Employees, Salaries and Wages, 1930 and 1931.

		1930	1931
Salaried Employees	- Total No.	98	103
	Male No.	76	80
	Female No.	22	23
	Total Salaries \$	234,306	259,582
Wage-earners (average number)	- Total No.	999	858
	Male No.	746	641
	Female No.	253	217
	Total Wages \$	816,024	671,552
Total Employees	- Total No.	1,097	961
	Male No.	822	721
	Female No.	275	240
	Salaries and Wages .. \$	1,050,330	931,134

THE WOOLLEN GOODS, N.E.S., INDUSTRY, 1931.

Table 8. - Monthly Employment of Wage-earners, 1930 and 1931.

Months	1930			1931		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	784	275	1,059	629	189	818
February	764	275	1,039	632	191	823
March	737	256	993	687	225	912
April	699	256	955	686	229	915
May	715	267	982	674	225	899
June	713	267	980	637	223	860
July	721	252	973	632	220	852
August	737	249	986	604	223	827
September	754	248	1,002	624	220	844
October	746	240	986	631	219	850
November	728	226	954	623	217	840
December	703	224	927	614	209	823
Average Monthly Employment during the year	746	253	999	641	217	858

Table 9. - Number of Wage-earners in Month of Highest Employment whose Regular Hours of Work in 1931 were: -

No. of Hours	Number of Employees	No. of Hours	Number of Employees
40 hours or less	38	51-53 hours	57
41-43 hours	13	54 hours	9
44 hours	109	55 hours	54
45-47 hours	40	56-59 hours	37
48 hours	13	60 hours	16
49-50 hours	594	Over 60 hours	44

The above table does not include overtime.

THE WOOLLEN GOODS, N.E.S. INDUSTRY, 1931.

Table 10. - Power Equipment, 1930 and 1931.

Classes of Power	1930		1931	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
PRIMARY POWER -				
Steam engines and steam turbines	5	170	2	59
Gasoline, gas and oil engines	2	169	2	169
Hydraulic engines or water wheels	8	3,921	10	5,546
Electric motors operated by purchased power	231	2,542	271	2,807
TOTAL PRIMARY POWER	246	6,802	285	8,581
Electric motors operated by power generated by the establishment	217	1,751	217	1,751
Total electric motors	448	4,293	488	4,558
TOTAL POWER INSTALLATION	463	8,553	502	10,332
Boilers installed	18	1,405	8	835

Table 11. - Consumption of Fuel and Electricity, 1930 and 1931.

Kinds of Fuel	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal:					
Bituminous	(2000 Lbs.)	9,818	\$ 63,706	6,935	\$ 46,572
Anthracite	"	-	-	6	90
Slack and screenings	"	1,031	\$ 5,580	797	\$ 4,660
Coke (for fuel only) ...	"	5	\$ 59	364	\$ 1,652
Fuel or diesel oil	Gal. (Imp.)	18,000	\$ 762	40,000	\$ 1,761
Gas, natural and manufactured	M cu. ft.	217	\$ 137	218	\$ 138
Other fuel	-	-	-	-	\$ 24
Total Cost of Fuel ..	-	-	\$ 70,244	-	\$ 54,897

THE WOOLLEN GOODS, N.E.S. INDUSTRY, 1931.

Table 11. - Consumption of Fuel and Electricity, 1930 and 1931. - Concl'd.

Kinds of Fuel	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Electricity purchased for power (including service charges)	K.W.H.	-	28,378	1,928,445	30,715
TOTAL COST OF FUEL AND ELECTRICITY	-	-	98,622	-	85,612

Table 12. - Machinery and Equipment, 1930 and 1931.

	1930	1931
	No.	No.
Sets of Cards: -		
Woollen	45	43
Shoddy	29	27
Cotton	4	4
T O T A L	78	74
Width of Cards: -		
45 inches	-	8
48 inches	10	2
60 inches	51	47
72 inches	4	4
80 inches	3	7
82 inches	4	4
90 inches	5	1
100 inches	1	1
Cylinders to each Set of Cards: -		
1 cylinder	21	21
2 cylinders	28	24
3 cylinders	29	29
Spindles: -		
Mule spinning	6,252	6,250
Frame spinning	696	696
Doubling and twisting	1,316	1,456
Broad looms (50 inches reed space or over)	149	138
Pickers	42	44
Wool combing machines	-	3
Garnet machines	3	6
Other machines	-	36

A P P E N D I X

Firms Manufacturing Woollen Cloths

PRINCE EDWARD ISLAND

Landrigan Woollen Mills, 63-67 Queen Street, Charlottetown.

NOVA SCOTIA

Oxford Manufacturing Company, Limited, Oxford.

NEW BRUNSWICK

Humphrey, J. A. & Son, Limited, Box #356, Moncton.

QUEBEC

Blanchette, Joseph R. R. #1, South Durham.

Collins & Aikman of Canada, Limited, Farnham.

Leach, Hiram & Son (Canada) Limited, Huntingdon.

Methot & Frere

Morrison, Albert E.

Paquin, Napoleon

Paton Manufacturing Company, Limited,

Produits Agricoles Ltée (Eugene Gagne)

Saguenay Spinners, Limited,

St. George Woollen Mills, Limited,

St. Johns Textile Mills, Limited,

Thurso Flour & Woollen Mills,

Trenholmville Woollen Mills

(Fred Blanchette)

Warwick Woollen Mills, Limited,

Brownsville.

Cap St. Ignace Station.

Brownsville.

St. Gabriel de Brandon.

7 Belvidere Street, Sherbrooke.

Metabetchouan.

Chicoutimi.

St. George de Beauce.

145 Cousins Street, St. Johns.

Thurso.

R. R. #1, Trenholmville.

Warwick.

ONTARIO

Bancroft Woollen Mills (D. Fuller)

Box #29, Bancroft.

Barrymore Cloth Company, Limited,

1179 King Street West, Toronto.

Bird Woollen Mill Company Limited,

Bracebridge.

Bradshaw, A. & Son, Limited,

507 College Avenue, Toronto 4.

Brook Woollen Company of Simcoe Limited,

Victoria Street, Simcoe.

Butler-Duncan

Strathroy.

Campbellford Cloth Company, Limited,

Campbellford.

Canada Hair Cloth Company, Limited,

134 1/2 St. Paul Street, St. Catharines.

Cleroux, F. E.

Clarence Creek.

Dominion Woollens & Worsteds Limited,

Hespeler.

Dominion Woollens & Worsteds Limited,

(Auburn Mills)

Dupont Textiles, Limited,

Peterborough.

Flesherton Woollen Mills (John Nuhn)

Christie & Dupont Streets, Toronto 4.

La France Plushes Limited,

Flesherton.

Gledhill, J. W.

Woodstock.

Glen Woollen Mills, Limited,

Ben Miller (R. R. #4, Goderich).

Hield Bros., Limited,

Glen Williams.

Hirt, Geo. H. & Co. (Canada) Limited,

Kingston.

Hor Bros. Woollen Company Limited,

Carleton Place.

Lehman, S. B. & Sons,

95 William Street North, Lindsay.

R. R. #1, Unionville.

Firms Manufacturing Woollen Cloths

ONTARIO - Concl'd.

Lockwood Manufacturing Company Limited,	80 Nelson Street, Toronto.
Northern Textiles, Limited,	P. O. Box #159, Chesley.
Oriental Textiles Company, Limited,	131 Athol Street East, Oshawa.
Paris Wincey Mills Company, Limited,	Paris.
Pattison, Geo. & Company, Limited,	Eagle Street, Preston.
Renfrew Textiles, Limited,	Renfrew.
Renfrew Woollen Mills,	Renfrew.
Rosamond Woollen Company, Limited,	Almonte.
Senior Worsted Manufacturing Company,	Milton.
Slingsby Manufacturing Company, Limited,	278 Grand River Avenue, Brantford.
Tayside Textiles, Limited,	Perth.
Thoburn Woollen Mills (William Thoburn)	Almonte.
Weber Woollen Mills,	R. R. #1, Preston.
Watchorn & Company, Limited,	Merrickville.

MANITOBA

Fairfield & Sons, Limited,	R. R. #1, Little Brittain.
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BRITISH COLUMBIA

Campbell, Gordon, Limited,	78 East 2nd Avenue, Vancouver.
West Coast Woollen Mills, Limited,	440 Clark Drive, Vancouver.

Firms Manufacturing Woollen Yarn

NOVA SCOTIA

Barrington Woollen Mills,	Main Street, Barrington.
Creelman, Jas. & Sons,	Newton Mills.
Macpherson, A. M.	Rocklin, (R. R. #1, Lansdowne).

NEW BRUNSWICK

Briggs & Little	York Mills.
Carleton County Woollen Mills,	239 Main Street, Woodstock.
Copp, F. H. Limited,	Port Elgin.
Golden Grove Woollen Mills,	Golden Grove.
Speedy & Davidson,	King Street, St. Stephen.

QUEBEC

Penman's Limited, (Mill No. 8)	St. Hyacinthe.
Roch, Fridolin,	Nicolet.
Tate, Edgar,	Coaticook.

ONTARIO

Aked & Company, Limited (Operated by Patons & Baldwins Limited)	888 Dupont Street, Toronto.
Burritts Rapids Woollen Mills Limited,	Burritts Rapids.
Dominion Woollens & Worsteds Limited,	Milton.

Firms Manufacturing Woollen Yarn

ONTARIO - Concl'd.

Dominion Woollens & Worsteds Limited,	Orillia.
Dominion Woollens & Worsteds Limited,	Peterborough.
Dunnville Woollen Mills Limited,	Dunnville.
Eastwood, A. W.	Baltimore.
Georgetown Woollen Mills,	Georgetown.
Gordon, James F.	Athens.
Guelph Carpet & Worsted Spinning Mills, Ltd.,	83 Neeve Street, Guelph
Knitters, Limited,	Rink Street, Peterborough.
Madoc Woollen Mills,	Madoc.
Newlands & Company, Limited,	Galt.
Penman's Limited (Mill #9)	Paris.
Penman's Limited (Mill #12)	Waterford.
Wagner, H. C.	Newton.

BRITISH COLUMBIA

B. C. Worsted Mills, Limited. 25 Montreal Street, Victoria.

Firms Manufacturing Carpets, Mats and Rugs

NOVA SCOTIA

Garret, John E. Limited, Kempt Street, New Glasgow.

NEW BRUNSWICK

Maritime Rug Works, Limited, 370 Main Street, Saint John.

QUEBEC

Sherbrooke Carpet Mills, Limited, 28 Bank Street, Sherbrooke.

ONTARIO

Artcraft Rug Works	226 Mary Street, Waterloo.
Brinton Peterboro Carpet Company Limited,	Box 1065, Peterborough.
Cobourg Matting & Carpet Company Limited,	Cobourg.
Canada Rug Company (W. C. P. Baldwin)	98 Carling Street, London.
Eaton, W. E.	128 Union Street, Preston.
Empire Rug Mills,	1 Frank Street, St. Catharines.
Guelph Carpet & Worsted Spinning Mills, Ltd.,	Guelph.
Hamilton Rug Works (Allan Brass)	171 York Street, Hamilton.
Harding Carpets, Limited,	Brantford.
McKinnon, Donald & Sons,	Box #284, Cobourg.
Ontario Rug Works	153 York Street, Hamilton.
Therien & Company, Limited,	374 St. Andrew Street, Ottawa.
Toronto Carpet Manufacturing Company Limited,	1179 King Street West, Toronto.
Veteran Rug Weaving Company.	1201A, Queen Street East, Toronto 8.

MANITOBA

Capital Carpet Company, 545 Arlington Street, Winnipeg.

Firms Manufacturing Carpets, Mats and Rugs.

ALBERTA

Calgary Carpet & Rug Mfrs. (D. A. Stoddart) Rear 919 17th Avenue West, Calgary.

BRITISH COLUMBIA

Vancouver Fluff Rug Company,
(Fred'k. S. Lockett) 806 West 17th Avenue, Vancouver.

Firms Manufacturing Woollen Goods, N. E. S.

NOVA SCOTIA

Colonial Fertilizer Company, Windsor. (wool pulling).

QUEBEC

Ayers Limited, Lachute Mills (wool felt goods).
Dominion Hair Felt Company, Limited, 131 Collin Street, St. Johns.
Montreal Blanket Company, 5296 St. Patrick Street, Montreal.
(Hair felt goods).
(shoddy).

ONTARIO

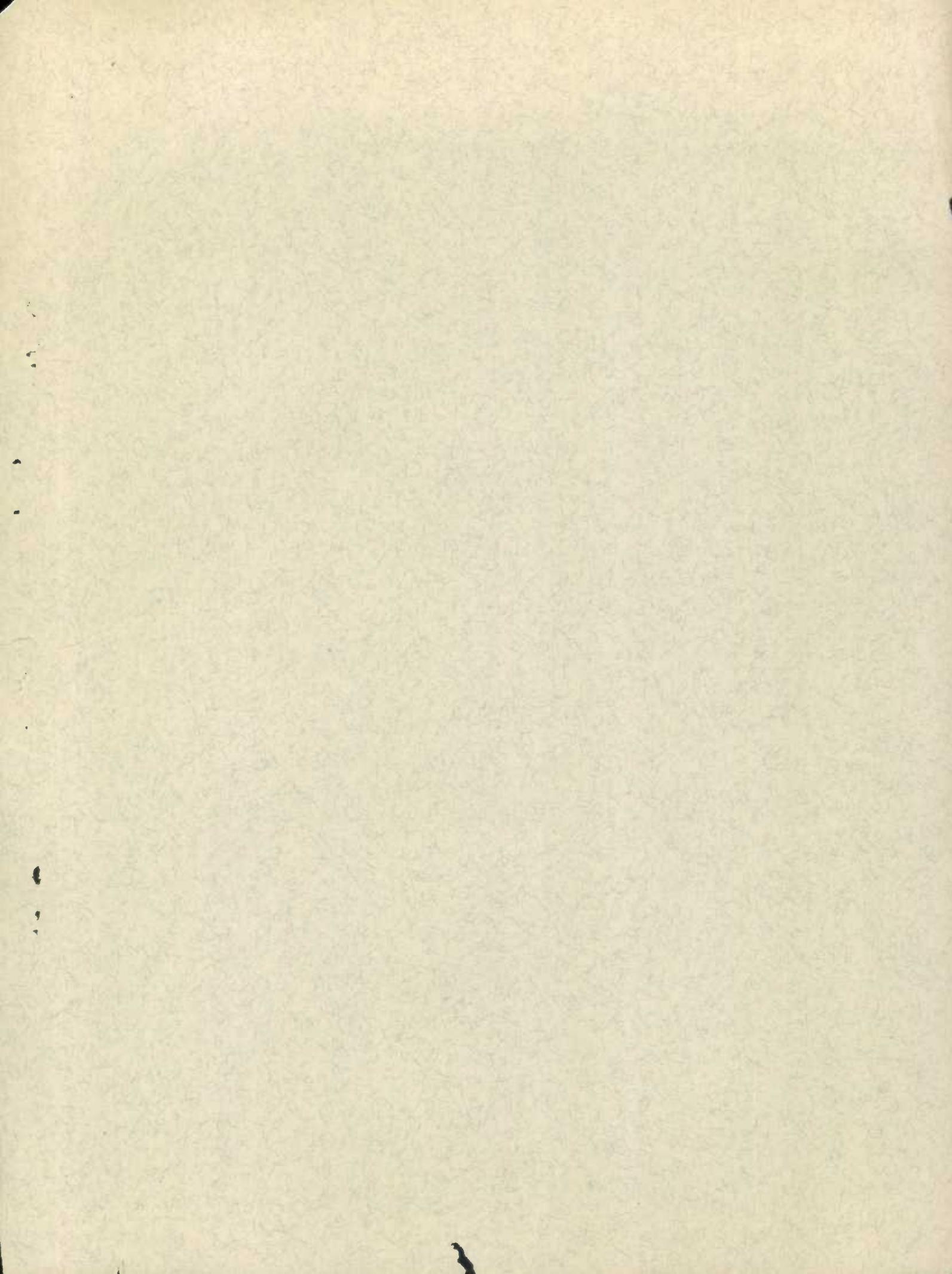
Brantford Mill Stock Company, 31 Jarvis Street, Brantford. (shoddy).
Burlington Windsor Blanket Company, Limited, 793 King Street West, Toronto.
(weatherstripping).
Canadian Consolidated Felt Company, Limited, 84 Margaret Avenue, Kitchener.
(wool felt goods).
Code Felt & Knitting Company, Limited, Perth. (wool felt goods).
Cotton Felts, Limited, 159 Walnut Street, Toronto. (shoddy).
Empire Wool Stock Company, 51 Stuart Street West, Hamilton.
(shoddy).
General Wool Stock Company, 121 Logan Avenue, Toronto 8. (shoddy).
Hoffman Bros. Limited, 53 Trinity Street, Toronto.
(wool pulling).
Home Wool Stock Company, 9 Foster Place, Toronto. (shoddy).
Homuth, Otto & Sons Limited, Preston. (shoddy)
Kenwood Mills Limited, Arnprior. (wool felt goods).
Porrits & Spencer (Canada) Limited, Lottridge Street, Hamilton.
(wool felt goods).
Robe & Clothing Company, Limited, 40 Ontario Street South, Kitchener.
(imitation Buffalo Robes).
Rumpel Felt Company Limited, 60 Victoria Street, Kitchener.
(wool felt goods).
Simcoe Wool Stock Company, (H. J. Brock) Simcoe. (shoddy).
Smith Mfg. Company, Limited, 201 Front Street East, Toronto 2.
(shoddy).
Woolstox Limited, 482 Wellington Street West, Toronto.
(shoddy).
Yorkshire Wool Stock Mills, Almonte. (shoddy).

Firms Manufacturing Woollen Goods, N. E. S.

BRITISH COLUMBIA

Bissinger and Company,

365 Second Avenue West, Vancouver. (wool pulling)



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