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Dominion Bureau of Statistics

CENSUS OF INDUSTRY

REPORT

on the

WOOLLEN TEXTILE INDUSTRY

in

CANADA

1922

INCLUDING -

1. WOOLLEN CLOTHS
2. WOOLLEN YARNS
3. CARPETS, MATS AND RUGS
4. WOOLLEN GOODS, N. E. S.

+ + +

Published by Authority of the Hon. Thos. A. Low, M.P.

Minister of Trade and Commerce.

+ + +

OTTAWA

1924

جذب ٤٥٢

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جامعة الملك عبد الله
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DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

OTTAWA, CANADA.

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

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1922

Ottawa, April, 1924.- A report on the Woollen Textile Industries in Canada is presented herewith by the Dominion Bureau of Statistics covering operations for the calendar year 1922.

The number of individual establishments reporting to the Bureau under each section of the industry is shown in the summary table following:-

Provinces	Woollen Cloth	Woollen Yarns	Carpets, Rugs and Mats	Woollen Goods n.e.s.	TOTAL All Industries
CANADA	64	17	21	35	137
Ontario	46	12	15	26	99
Quebec	11	1	-	7	19
New Brunswick	3	3	1	1	8
Nova Scotia	3	1	-	-	4
Western Provinces	1	-	5	1	7

Woollen Goods, n.e.s. includes - Wool Felts, Wool Stock (Shoddy) Wool Pulling and Wool Carding and Fulling.

The Hosiery and Knit Goods and the Dyeing and finishing of Textiles industries are so closely associated with the Woollen Textile industry as to be considered a part of it. The number reporting under each head in 1922 was as follows:

Hosiery and Knit Goods 141
 Dyeing and Finishing of Textiles 8

A separate report will be made on the Hosiery and Knit Goods industry, as in previous years.

WOOLLEN TEXTILES

The statistics compiled within this report represent that of establishments primarily engaged in the manufacture of articles from wool as the principal raw material. The statistics are given separately for each section comprising the group, as follows:-

1. Woollen cloths
2. Woollen yarns
3. Woollen goods, n.e.s.
4. Carpets, rugs and mats, including rag.

A summary of the principal statistics for each section of the industry is presented in the accompanying table.

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1922.

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PRINCIPAL STATISTICS

Statistics		Woollen Cloth	Woollen Yarns	Carpets, Mats and Rugs	Woollen Goods n.e.s.	TOTAL All Industries
Establishments	No.	64	17	21	35	137
Capital investment	\$	20,846,502	6,846,505	2,951,229	6,458,146	37,102,382
Employees on Salaries -						
Male	No.	244	43	68	82	437
Female	No.	64	24	21	33	142
Salaries	\$	684,678	146,538	186,033	268,814	1,286,068
Employees on Wages (Av.No.)-						
Male	No.	2,464	536	573	462	4,035
Female	No.	2,153	680	239	363	3,435
Wages	\$	3,559,881	869,017	792,047	683,531	5,904,476
Outside piece-workers -						
Female	No.	14	-	-	10	24
Amount paid	\$	3,191	-	-	6,567	9,758
Cost of fuel	\$	438,470	101,233	52,416	79,035	671,154
Power employed -						
Units	No.	722	142	72	254	1,190
Capacity	H.P.	12,274	4,573	1,547	5,001	23,395
Miscellaneous expenses	\$	1,811,709	611,601	482,001	703,824	3,609,135
Cost of materials	\$	7,039,177	3,324,348	1,468,725	2,027,729	13,859,979
Value of products	\$	15,410,537	5,850,344	3,470,402	4,331,468	29,062,751
Value added by manufacture ...	\$	8,371,360	2,525,996	2,001,677	2,303,739	15,202,772

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1922.SECTION II: WOOLLEN YARNSFUEL CONSUMPTION

The quantity and cost value of the classes of fuel consumed in the Woollen Yarn industry during the year are shown in Table 6. Coal, aggregating in value \$99,306, represented 99 per cent of the total cost of all fuel.

Table 6.- Fuel Used in the Woollen Yarn industry, 1922.

Kinds of Fuel	Unit	Quantity	Value
Coal, bituminous	ton	11,975	\$ 98,604
Coal, anthracite	"	45	702
Gasoline	gal.	124	41
Wood	cds.	226	705
Gas, artificial and natural	m.c.ft.	1,219	537
All other fuel, not specified	-	-	644
TOTAL			\$101,233

POWER INSTALLATION

The classes of power installed in the mills making Woollen Yarns are presented in Table 7, according to (a) the number of units in each class and (b) the horsepower capacity according to manufacturer's rating.

Table 7.- Power Installation in Woollen Yarn Mills, 1922.

Description	Units	H.P. Capacity
	No.	H.P.
Steam engines and turbines	6	1,420
Gas engines	1	18
Oil and gasoline engines	1	3
Hydraulic turbines or waterwheels ..	9	986
Electric motors operated by owned power	22	644
Electric motors operated by rented power	103	1,502
TOTAL	142	4,573

MISCELLANEOUS EXPENSES

The cost of overhead or miscellaneous expenses, including rents, taxes, travelling and advertising expenses, insurance, repairs to buildings and machinery and all other sundry items aggregated \$611,601, apportioned by provinces, as follows: Ontario \$559,575, Quebec \$46,430, Nova Scotia and New Brunswick combined \$5,596.

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1922.SECTION III: CARPETS, MATS AND RUGSFUEL CONSUMPTION

The quantity and cost value of the fuel used during the year is shown in Table 6. Coal consumed in the industry was valued at \$51,392 or 98 per cent of the total cost of the fuel.

Table 6.- Fuel Consumption in the Carpet Industry, 1922.

Classes of Fuel	Unit	Quantity	Cost Value
Bituminous coal	ton	6,927	\$ 50,992
Anthracite coal	"	24	400
Coke	"	1	5
Gasoline	gai.	1,444	469
Wood	cd.	19	109
Gas	m.c.ft.	200	200
Other fuel	-	-	241
TOTAL COST OF FUEL			\$52,416

POWER INSTALLATION

The classes of power used by the industry are shown in Table 7 according to (a) the number of units in each class and (b) the horsepower capacity as rated by the manufacturers.

Table 7.- Power Installation in the Carpet Industry, 1922.

Classes of Power	Units	Horsepower Capacity
	No.	\$
Steam engines and turbines	3	522
Oil and gasoline engines	1	12
Electric motors, operated by power generated at the factory	2	3
Electric motors, operated by purchased power	66	1,010
TOTAL	72	1,547

MISCELLANEOUS EXPENSES

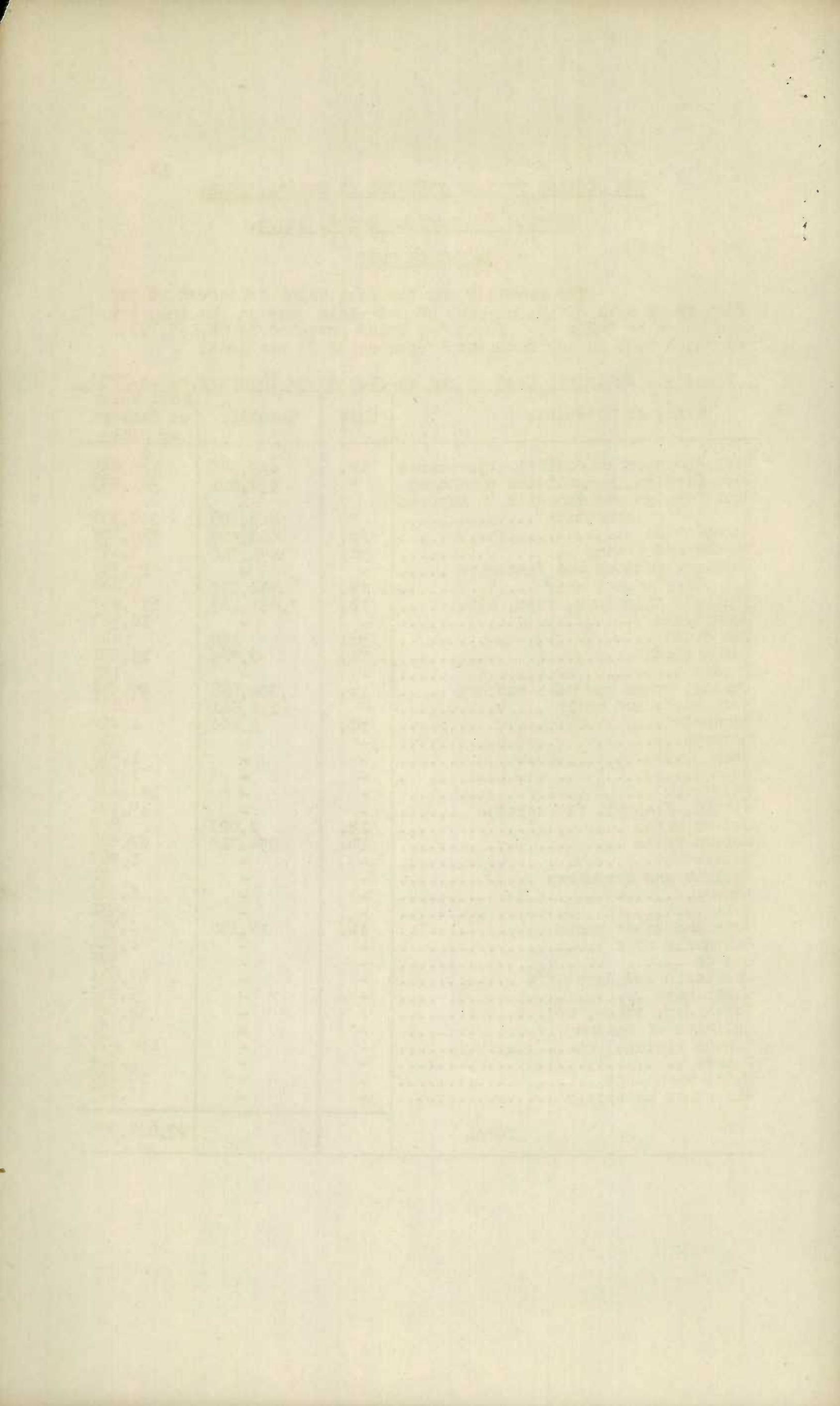
The cost of miscellaneous or overhead expenses for the year amounted to \$482,001 and included rents, taxes, insurance, travelling and advertising expenses, repairs to buildings and machinery and all other sundry expenses.

THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1922.SECTION IV: WOOLLEN GOODS, N.E.S.MATERIALS USED

The quantity and the cost value delivered at the factory or mill of the classes of materials used in the industry are shown in Table 5. The total value amounted to \$2,027,729, of which wool in any condition represented 33 per cent.

Table 5.—Materials Used in the Woollen Goods Industry, n.e.s. 1922.

Kinds of Materials	Unit	Quantity	Cost Value at factory or mill
Wool domestic, in condition purchased	lb.	449,978	\$115,895
Wool foreign, in condition purchased	"	937,021	341,953
Wool foreign and domestic in scoured condition	"	559,708	247,397
Sheep skins	No.	482,419	338,705
Taping and facing	yd.	451,000	3,472
Buckles, buttons and fasteners	-	-	20,393
All other animal hair	lb.	334,230	9,669
Tailors' clippings, rags, etc.....	lb.	2,851,163	177,432
Broadcloth	-	-	10,722
Box cloth	yd.	100	625
Union cloth	Yd.	6,765	15,221
Braids	-	-	125
Shoddy, mungo and wool extract	lb.	1,004,688	55,572
Wool waste and noils	"	112,841	20,837
Corduroy	yd.	2,000	1,200
Rovings.....	-	-	710
Soap	-	-	1,813
Soda	-	-	1,962
Felt	-	-	174,487
Cotton, flannel, flannelette	-	-	17,590
Cotton yarns	lb.	2,023	842
Cotton waste	lb.	254,214	27,688
Leather	-	-	1,987
Eyelets and fasteners	-	-	30
Lime	-	-	1,369
Salt	-	-	1,432
Jute and other waste	lb.	17,198	2,715
Sulphuric acid	-	-	1,724
Oronon	-	-	376
Chemicals and dyestuffs	-	-	67,934
Containers	-	-	5,903
Horsehair, straw, etc.....	-	-	55,064
Sulphite of sodium	-	-	2,853
Canvas linings, etc.....	-	-	162,890
Paints	-	-	1,514
Metal mountings	-	-	10,000
All other materials	-	-	77,623
TOTAL			\$2,027,729



THE WOOLLEN TEXTILE INDUSTRY IN CANADA, 1922.FUEL CONSUMPTION

The quantity of fuel consumed by the industries comprised within the group and the cost delivered at the factory or mill are shown in Table 6, by classes. Coal is the principal fuel and represented nearly 92 per cent of the total cost of all fuel.

Table 6.- Fuel Used in the Woollen Goods Section, n.e.s. 1922.

Classes of Fuel	Unit of measure	Quantity	Value
Coal, bituminous	ton	8,242	\$70,125
Coal, anthracite	ton	365	2,569
Coke	ton	62	346
Wood	cord	13	166
Gas, artificial or natural	m.c.ft.	192	119
Other fuel	-	-	5,710
TOTAL			\$79,035

POWER INSTALLATION

The classes of power installed in this section of the Woollen Textile industry are shown in Table 7, according to (a) the number of units of each class and (b) the horse-power capacity according to manufacturers' rating.

Table 7.- Power Installation in the Woollen Goods Section, n.e.s. 1922.

Classes of power	Units No.	Horse-power capacity H.P.
Steam engines and turbines	8	450
Hydraulic turbines or waterwheels	5	953
Electric motors operated by owned power	37	927
Electric motors operated by rented power	204	2,671
TOTALS	254	5,001

MISCELLANEOUS EXPENSES

The cost of miscellaneous or overhead expenses in the industries included in this section totalled \$703,824. The items making the total were rents, taxes, insurance, advertising and travelling expenses, repairs to buildings and machinery and all other sundry expenses.

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