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REPORT
on the
OILED & WATERPROOF CLOTHING INDUSTRY
in
CANADA
1930

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Published by Authority of the Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce

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CENSUS OF INDUSTRY
OTTAWA - CANADA

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OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1930.

Ottawa, November 1931.- A report is herewith presented on the oiled and waterproof clothing industry in Canada during the calendar year 1930. Reports were received from 17 establishments, located by provinces as follows:- Quebec 8, Nova Scotia 5, Ontario 4.

It should be remembered that the statistics published in the present report include only the statistics of such manufacturing establishments as make oiled and waterproof clothing as their principal product. Statistics relating to specific products are therefore not to be regarded as comprehensive since oiled and waterproof clothing are also found as secondary products of the Rubber Goods and Clothing industries.

Principal Statistics

A summary of the principal statistics of the industry is given by provinces in Table 1

Table 1.- Principal Statistics, by Provinces, 1926 to 1930.

Provinces	Estab- lish- ments No.	Capital \$	Total Employ- ees No.	Total Salaries & Wages \$	Cost of Materials \$	Value of Products \$
1926 Canada	13	985,224	241	290,227	606,680	1,157,182
Quebec	5	412,788	100	166,024	370,628	706,330
Nova Scotia	5	68,325	32	18,070	37,174	70,708
Ontario	3	504,111	109	106,133	198,878	380,144
1927 Canada	16	1,168,207	367	321,288	749,585	1,430,633
Quebec	9	499,969	150	187,812	510,665	935,169
Nova Scotia	4	79,368	32	19,103	41,571	79,402
Ontario	3	588,870	185	114,373	197,349	416,062
1928 Canada	18	1,238,488	359	426,614	826,524	1,724,394
Quebec	9	474,039	151	214,166	452,490	908,725
Nova Scotia	5	86,807	35	22,647	57,495	104,389
Ontario	4	677,642	173	189,801	316,539	711,280
1929 Canada	19	1,186,464	328	395,291	706,706	1,354,314
Quebec	9	445,036	132	172,376	296,493	574,905
Nova Scotia	5	95,545	37	23,178	58,673	101,873
Ontario	5	645,883	159	199,737	351,540	677,536
1930 Canada	17	1,024,347	272	309,352	487,186	983,321
Quebec	8	386,660	109	132,100	165,813	399,445
Nova Scotia	5	83,538	42	21,814	56,438	85,934
Ontario	4	554,149	121	155,438	264,935	497,942

Production

The quantity and value of the principal products of the industry is shown by provinces in Table 2 for the calendar year 1930. The total value of all products in 1929 was \$1,354,314, whilst the amount reported for the period covered by this report was \$983,321, a decrease of \$370,993 or 27.3 per cent.

Table 2.- Production by Provinces, 1930.

	CANADA		Quebec		Nova Scotia		Ontario	
	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
Waterproof clothing	-	\$ 134,400	-	\$ -	-	\$ -	-	\$ 134,400
Oiled clothing	-	113,485	-	49,050	-	26,739	-	37,696
Raincoats, slickers and cloaks	-	401,315	-	224,790	-	38,125	-	138,400
Canvas covers	-	24,000	-	-	-	-	-	24,000
Cloth coats, all kinds	-	125,000	-	125,000	-	-	-	-
Waterproof duck	-	42,166	-	-	-	-	-	42,166
All other products	-	142,955	-	605	-	21,070	-	121,280
Total	-	983,321	-	399,445	-	85,934	-	497,942

Note:- Data here given do not necessarily represent the total Canadian production of these commodities, since they are also produced in other industries.

OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1930.

Materials Used.

The quantity and cost value of all materials used is given by provinces in Table 3 for the calendar year 1930. The cost of materials in 1929 was \$706,706, whilst for the period covered by this report the amount was \$487,186--a decrease of \$219,520 over the two year period or 31.6 per cent.

Table 3.- Materials used by provinces, 1930.

Principal Materials	CANADA		Quebec	
	Quantity	Cost Value	Quantity	Cost Value
		\$		\$
Grey cotton	-	21,859	-	-
Sheeting	yds. 156,111	18,496	-	-
Duck and denim	" 262,205	88,128	-	-
Cloth	" 90,000	90,000	-	-
Waterproof cloth	" 86,215	70,305	80,815	65,445
Rubberized cloth, etc.	-	25,062	-	3,145
Cloth linings, trimmings, etc.	-	1,223	-	500
Linseed oil	gals. 5,820	6,630	-	-
Other oils, colours, etc.	-	7,001	-	2,400
Thread, buttons, buckles, and fasteners	-	17,719	-	887
All other materials	-	140,763	-	93,436
Total	-	487,186	-	165,813

Principal Materials	Ontario		Nova Scotia	
	Quantity	Cost Value	Quantity	Cost Value
		\$		\$
Grey cotton	-	19,465	-	2,394
Sheeting	yds. 99,000	11,500	57,111	6,996
Duck and Denim	" 180,494	78,993	81,711	9,135
Cloth	" 90,000	90,000	-	-
Waterproof cloth	" 5,400	4,860	-	-
Rubberized cloth	" -	-	-	21,917
Cloth linings, trimmings, etc.	-	723	-	-
Linseed oil	gals. 5,100	5,511	720	1,119
Other oils, colours, etc.	-	2,900	-	1,701
Thread, buttons, buckles, and fasteners	-	15,481	-	1,351
All other materials	-	35,502	-	11,825
Total	-	264,935	-	56,438

OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1930

Size of Establishment

In view of the tendency towards concentration in industrial enterprise, a series of tables has been prepared presenting in a threefold way the size of establishments in the oiled and waterproof clothing industry, measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed for the calendar years 1929 and 1930. The tables compared for a number of years indicate the movement of capital, production and employment within the industry.

In 1930 the number of establishments reporting was 17 with a total capital investment of \$1,024,347, a gross value of production of \$983,321 and a total employment of 272. Six establishments had a capital investment of \$891,772 or 87.5 per cent of the total capital investment and an average investment per establishment of \$148,629.

Six establishments had a gross value of production of \$769,772 or 78.3 per cent of the total value of production, and an average output per establishment of \$128,295. In employment 6 establishments had 198 persons on the pay-roll or 72.8 per cent of the total employment and an average of 33 per establishment.

Capital

	1929			1930		
	Estab- lish- ments	Capital invested	Average capital per estab- lishment	Estab- lish- ments	Capital invested	Average capital per estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	12	144,058	12,005	11	132,575	11,143
\$50,000 to under \$100,000	3	196,906	65,635	3	215,001	71,667
\$100,000 to under \$200,000	3	452,314	150,771	2	331,857	165,928
\$200,000 to under \$500,000	1	393,186	393,186	1	344,914	344,914
Total	19	1,186,464	62,446	17	1,024,347	60,256

Production

	1929			1930		
	Estab- lish- ments	Gross value of production	Average value of production per estab- lishment	Estab- lish- ments	Gross value of production	Average value of production per estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	11	196,794	17,890	11	213,549	19,414
\$50,000 to under \$100,000	4	296,171	74,043	2	156,830	78,415
\$100,000 to under \$200,000	1	170,572	170,572	4	612,942	153,235
\$200,000 to under \$500,000	3	690,777	230,259	-	-	-
Total	19	1,354,314	71,280	17	983,321	57,842

Employees

	1929			1930		
	Estab- lish- ments	Total employees	Average employees per estab- lishment	Estab- lish- ments	Total employees	Average employees per estab- lishment
	No.	No.	No.	No.	No.	No.
Under 20 employees	12	75	6	11	74	7
20 to under 50	6	170	28	5	141	28
50 to under 100	1	83	83	1	57	57
100 to under 200	-	-	-	-	-	-
Total	19	328	17	17	272	16

STATE OF NEW YORK

IN SENATE

JANUARY 1, 1903

REPORT

OF THE

COMMISSIONER

OF THE LAND OFFICE

1903

ALBANY:

1903

TABLE				
Item	1901	1902	1903	Total
Land	100	100	100	300
Water	100	100	100	300
Buildings	100	100	100	300
Other	100	100	100	300
Total	400	400	400	1200

1903

- 4 - OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1930.

Capital Investment

The amount of capital employed in the industry during the calendar year 1930 is given by provinces in Table 4. The total capitalization fell from \$1,186,464 in 1929 to \$1,024,347 in 1930, a decrease of \$162,117 over the two year period. To the total capital investment the province of Ontario contributed \$554,149 or 54.1 per cent, whilst Quebec accounted for \$386,660 or 37.7 per cent, Nova Scotia being responsible for the balance of \$83,538 or 8.2 per cent.

Table 4.- Capital employed by provinces, 1930.

Province	Fixed Capital	Working Capital		Total Capital
	Land, buildings, machinery and tools	Materials on hand, stocks in process, etc.	Cash, trading and operating accounts, etc.	
	\$	\$	\$	\$
CANADA	391,937	476,055	156,325	1,024,347
Ontario	263,897	242,294	47,958	554,149
Quebec	96,958	202,928	86,774	386,660
Nova Scotia	31,082	30,863	21,593	83,538

Employees, Salaries and Wages

The number of persons employed in the industry during the calendar year 1930 is given in Table 5 by (a) classes of employment, (b) sex and (c) salary and wage payments. The total number of employees fell from 344 in 1929 to 274 in 1930, a decrease of 70 in the 2 year period. There was also a corresponding decrease in the total payroll, the amount paid in 1929 being \$396,819, whilst the amount reported for 1930 was \$310,479, a decrease of \$86,340 during the two year period.

Table 5.- Employees, salaries and wages, 1930.

Classes of employment	Male	Female	Salaries and Wages
	No.	No.	\$
Employees on salaries	30	14	100,339
Employees on wages (average number)	101	127	209,013
Outside piece workers	2	-	1,127
Total	133	141	310,479

Table 6.- Wage-earners, by months, 1930.

Month	Male No.	Female No.	Month	Male No.	Female No.
January	89	132	July	97	115
February	97	130	August	97	108
March	107	141	September	103	118
April	111	146	October	107	120
May	108	147	November	93	112
June	96	129	December	86	108
Total				1,191	1,506
Average number employed during the year				101	127

Fuel Consumption

The quantity and cost value of all fuel consumed in the industry during the calendar year 1930 is shown in Table 7. The total expenditure for all fuel and electricity rose from \$8,656 in 1929 to \$9,740 in 1930, an increase of \$1,084. Bituminous coal again occupies the first position with \$6,828, whilst anthracite coal follows next with \$900. The cost of electricity purchased was \$1,149 as compared with \$933 in 1929.

Table 7.- Fuel Consumption, 1930.

Kinds of fuel	Unit of Measure	Quantity	Cost Value
Bituminous coal	ton	1,087	\$ 6,828
Anthracite coal	"	100	900
Fuel oil	Imp. Gal.	7,500	790
Gas	m. c. ft.	72	58
Other fuel	-	-	5
Electricity	-	-	1,149
Total fuel and electricity	-	-	9,740

OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1930.

Power Installation.

The power installed in the industry during the calendar year 1930 is given in Table 8 by (a) classes of power, (b) number of units in each class and (c) horse-power capacity according to manufacturers' rating.

Table 8.- Power Installation, 1930

Classes of power	Number of units	Horse-power capacity
Steam engines and turbines	1	100
Electric motors operated by purchased power	21	71
Total power used in manufacturing	22	171
Electric motors operated by power generated at the factory	5	7
Total electric motors	26	78
Total power installation	27	178
Boilers installed	4	380

Imports and Exports

The value of the various kinds of oiled and waterproof clothing imported into Canada for consumption during the calendar year 1930 will be found in Table 9(a). The value of rubber clothing, the produce of Canada, exported during the same period is given in Table 9(b).

Table 9(a).- Imports by countries, 1930.

Articles imported	United Kingdom	United States	Other Countries	Total Imports
	\$	\$	\$	\$
Clothing made waterproof with India rubber	139,045	183,346	29,600	351,991
Oiled clothing and oiled hats	1,733	8,962	158	10,853
Total	140,778	192,308	29,758	362,844

Table 9(b).- Exports by countries, 1930.

Articles exported	United Kingdom	United States	Other Countries	Total Exports
	\$	\$	\$	\$
Clothing, rubber, including waterproofed	3,191	5,207	26,608	35,006

OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1930.

APPENDIX

Firms engaged in the manufacture of oiled and waterproof clothing

Name

Address

NOVA SCOTIA

J. F. Creaser & Co. Ltd.
A. W. Hopkins
W. C. Mickerson
Edgar S. Wilson
Riverside Motor Co. Ltd.

La Have
Crowell's
Main St., Clarks Harbor
Crowell's
East La Have

QUEBEC

Fels Ltd.
Glasgow Rubber Co. of Canada
(J. Gedeon Houde, prop.) T. Matte, Enr.
National Rubber Co. of Canada
W. Ordower & Co.
The Samit Rubber Co. (Chas. Samit)
Joseph & Seidman
The Supreme Raincoat Co.

92 Phillips Place Bldg., Montreal
530 St. Catherine St. E., Montreal
129 rue St. Dominique, Quebec
307 St. Catherine St. W., Montreal
10 Ontario St. W., Montreal
1416 St. Urbain St., Montreal
Room 500, 10 Ontario St. W., Montreal
209 St. Catherine St. E., Montreal

ONTARIO

Scythes & Co. Ltd.
Toronto Waterproof Mfg. Co.
Tower Canadian, Ltd.
Durable Waterproofs, Ltd.

128 Sterling Road, Toronto
49 Simcoe St., Toronto 2
1149 King St. W., Toronto 2
646 Adelaide St. W., Toronto 3

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