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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

REPORT

on the

OILED & WATERPROOF CLOTHING INDUSTRY

in

CANADA

1926

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Published by authority of the Hon. James Malcolm, M. P.,

Minister of Trade and Commerce

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OTTAWA

1928

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NOTE.- The statistics published in the present statement include only the statistics of such manufacturing establishments as make Oiled & Waterproof Clothing as their principal product. The statistics relating to specific products are therefore not to be regarded as comprehensive, as products like, Oiled & Waterproof Clothing are also found as secondary products of the Rubber goods industry.

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

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J.C. Macpherson.

OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1926

Ottawa, March 1928.- A report is herewith presented on the oiled and waterproof clothing industry in Canada during the calendar year 1926. Reports were received from 13 establishments and were located by provinces as follows.- Quebec 5, Nova Scotia 5, Ontario 3.

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.

		CANADA	QUEBEC	NOVA SCOTIA	ONTARIO
Establishments	No.	13	5	5	3
Capital	\$	985,224	412,783	68,325	504,111
Employees on salaries - Male	No.	34	23	2	9
Female	No.	13	5	1	7
Salaries	\$	91,816	54,891	7,200	29,725
Employees on wages (avge. No.) - Male	No.	90	47	10	33
Female	No.	104	25	19	60
Wages	\$	198,411	111,133	10,870	76,408
Outside piece workers - Male	No.	1	1	-	-
Female	No.	6	-	6	-
Amount paid	\$	460	263	197	-
Cost of fuel and electricity	\$	10,638	744	1,182	8,712
Power employed - units	No.	15	4	2	9
capacity	H.P.	102	8	5	89
Cost of materials	\$	606,680	370,628	37,174	198,878
Gross value of products	\$	1,157,182	706,330	70,708	380,144
Net value of products	\$	550,502	335,702	33,534	181,266

Production

The quantity and value of the principal products of the industry is shown by provinces in Table 11 for the calendar year 1926. The total value of all products in 1925 was \$990,895 whilst the amount reported for the period covered by this report was \$1,157,182, an increase of \$166,287 or 16.7 per cent.

Table 11.- Production by provinces - 1926.

		CANADA		Quebec		Nova Scotia		Ontario	
		Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
Waterproof clothing	Doz.	10,904	344,950	-	-	-	-	10,904	344,950
Oiled clothing	-	-	9,129	-	55,921	-	43,208	-	-
Raincoats, slickers and cloaks	-	-	412,805	-	397,111	-	-	-	15,694
Cloth coats, all kinds	No.	7,900	127,017	7,900	127,017	-	-	-	-
Waterproof duck	-	-	19,500	-	-	-	-	-	19,500
All other products	-	-	153,781	-	126,281	-	27,500	-	-
TOTAL		-	1,157,182	-	706,330	-	70,708	-	380,144

OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1926

Size of Establishments

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, all within certain specified groups or limitations, for the calendar years 1925 and 1926. The tables further indicate the movement of capital, production and employment within the industry.

In 1925 the number of establishments reporting was 12 with a total capital investment of \$972,541, a gross value of production of \$990,895 and a total employment of 227. Six establishments had a capital investment of \$906,662 or 93.2 per cent of the total capital investment and an average investment per establishment of \$151,110. In gross value of production, seven establishments had a total production of \$962,870 or 97.2 per cent of the total value of production, and an average output per establishment of \$137,553. In employment, 2 establishments had 140 persons on the payroll, or 61.7 per cent of the total employment, with an average employment of 70 per establishment.

In 1926 the number of establishments reporting was 13 with a total capital investment of \$985,224, a gross value of production of \$1,157,182 and a total employment of 241. Six establishments had a capital investment of \$909,410 or 92.3 per cent of the total capital investment and an average investment per establishment of \$151,568.

Seven establishments had a gross value of production of \$1,124,585 or 97.2 per cent of the total value of production, and an average output per establishment of \$160,655. In employment 5 establishments had 196 persons on the pay-roll or 81.3 per cent of the total employment and an average of 39 per establishment.

(a) Capital Invested in Establishments grouped According to Value, 1925 and 1926.

	Estab-lish-ments No.	1925		Estab-lish-ments No.	1926	
		Capital Invested	Average Capital per Establishment		Capital Invested	Average Capital per Establishment
Under 50,000	6	65,879	10,979	7	75,814	10,830
50,000 to under 100,000	4	293,570	73,392	4	273,022	68,255
100,000 to under 200,000	1	194,140	194,140	-	-	-
200,000 to under 500,000	1	418,952	418,952	2	636,388	318,194
TOTALS	12	972,541	81,045	13	985,224	75,786

(b) Gross Value of Production in Establishments grouped According to Value, 1925 and 1926.

	Estab-lish-ments No.	1925		Estab-lish-ments No.	1926	
		Gross Value of Production	Average Value of Output per Establishment		Gross Value of Production	Average Value of Output per Establishment
Under 50,000	5	28,025	5,605	6	32,597	5,433
50,000 to under 100,000	4	268,817	67,204	3	192,197	64,066
100,000 to under 200,000	1	129,246	129,246	2	273,717	136,858
200,000 to under 500,000	2	564,807	282,403	2	658,671	329,335
TOTALS	12	990,895	82,575	13	1,157,182	89,014

(c) Employees in Establishments by number and groups, 1925 and 1926.

	Estab-lish-ments No.	1925		Estab-lish-ment No.	1926	
		Total Em-ployees No.	Average Em-ployees per Establishment		Total Em-ployees No.	Average Em-ployees per Establishment
Under 20 employees	10	87	9	8	45	6
20 to under 50	-	-	-	4	117	29
50 to under 100	2	140	70	1	79	79
TOTALS	12	227	19	13	241	19

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Capital Investment

The amount of capital employed in the industry during the calendar year 1926 is given by provinces in Table III. The total capitalization rose from \$972,541 in 1925 to \$985,224, in 1926 an increase of \$12,683 over the two year period. To the total capital investment the province of Ontario contributed \$504,111 or 51.2 per cent, whilst Quebec accounted for \$412,783 or 41.9 per cent, Nova Scotia being responsible for the balance of \$68,325 or 6.9 per cent.

Table III.- Capital employed by provinces, 1926.

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	301,918	509,277	174,029	985,224
Ontario	181,361	265,499	57,251	504,111
Quebec	87,365	215,659	109,764	412,788
Nova Scotia	33,192	28,119	7,014	68,325

Employees, Salaries and Wages.

The number of persons employed in the industry during the calendar year 1926 is given in Table IV by (a) classes of employment, (b) sex and (c) salary and wage payments. The total number of employees rose from 230 in 1925 to 241 in 1926 an increase of 11. There was also a corresponding increase in the total payroll, the amount paid in 1925 being \$251,641, whilst the amount reported for 1926 was \$290,227 an increase of \$38,586 over the two year period.

Table IV.- Employees, Salaries and Wages, 1926.

Classes of Employment	Male No.	Female No.	Salaries and Wages \$
Employees on salaries	34	13	91,816
Employees on wages (average number)	90	104	198,411
Outside piece workers	1	6	460
TOTAL	125	123	290,687

Other Employment Statistics

The number of days the factories were in operation during the calendar year 1926 together with the number of hours per day or shift and per week normally worked by wage-earners will be found in Table V(a). The number of wage-earners employed during the same period is given by sex and by months in Table V(b). Employment reached its maximum in September with 210 whilst the minimum number reported was 156 in the month of December.

Table V(a).- Days in Operation and Hours Worked, 1926.

Establishments in operation	13	
	Total	Average per establishment
Days in operation on full time	2,832	217.8
Days in operation on part time	790	60.8
Days idle	330	25.4
Hours worked by wage-earners per day or shift	1,927	8.3
Hours worked by wage-earners per week	599	46.1

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OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1926

Other Employment Statistics - Cont'd.

Table V(b) Wage-earners by Months, 1926

Month	Male No.	Female No.	Month	Male No.	Female No.
January	80	100	July	89	109
February	94	94	August	92	110
March	96	96	September	96	114
April	94	97	October	91	116
May	81	93	November	74	111
June	87	110	December	62	94
			Total	1,036	1,244
Average number employed during the year				90	104

Materials Used

The quantity and cost value of all materials used is given by provinces in Table VI, for the calendar year 1926. The cost of materials in 1925 was \$496,393, whilst for the period covered by this report the amount was \$606,680 - an increase of \$110,287 over the two year period.

Table VI.- Materials used by Provinces, 1926.

Principal materials		Canada		Quebec		Ontario		Nova Scotia	
		Quan- tity	Cost Value \$	Quan- tity	Cost Value \$	Quan- tity	Cost Value \$	Quan- tity	Cost Value \$
Grey cotton	Yds.	629,555	82,145	-	-	506,656	66,669	122,899	15,476
Sheeting	"	21,500	32,000	-	-	21,500	32,000	-	-
Duck	"	55,044	51,433	-	-	55,044	51,433	-	-
Denim	"	57,413	10,908	-	-	-	-	57,413	10,908
Cloth	"	49,102	95,394	46,662	89,298	2,440	6,096	-	-
Rubberized cloth	"	5,885	6,273	4,050	4,150	1,835	2,123	-	-
Waterproof coat material	"	8,700	11,050	8,700	11,050	-	-	-	-
Cloth linings, trimmings, etc.		-	239,996	-	239,996	-	-	-	-
Linseed oil	Gals.	23,989	23,973	-	-	19,683	19,667	4,306	4,306
Other oil	"	13,332	11,234	6,250	5,200	6,893	5,631	189	403
Thread, buttons, fasteners		-	12,012	-	700	-	5,735	-	5,577
All other materials		-	30,262	-	20,234	-	9,524	-	504
TOTAL		-	606,680	-	370,628	-	198,878	-	37,174

Fuel Consumption

The quantity and cost value of all fuel consumed in the industry during the calendar year 1926 is shown in Table VII. The total expenditure for all fuel and electricity fell from \$11,475 in 1925 to \$10,638 in 1926, a decrease of \$837. Bituminous coal again occupies the premier position with \$8,733 whilst anthracite coal follows next with \$950. The cost of electricity purchased was \$752 as compared with \$1,202 in 1925.

Table VII.- Fuel Consumption, 1926.

Kinds of fuel	Unit of measure	Quantity	Cost value \$
Bituminous coal	ton	1,320	8,733
Anthracite coal	"	100	950
Wood	cord	1	5
Gas	m.c.ft.	231	198
Electricity	-	-	752
TOTAL	-	-	10,638

OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1926.
Power Installation

The power installed in the industry during the calendar year 1926 is given in Table VIII by (a) classes of power, (b) number of units in each class and (c) horse-power capacity according to manufacturers' rating.

Table VIII.- Power Installation, 1926.

Classes of power	Number of Units	Horse-power capacity
Steam engines and turbines	1	60
Hydraulic turbines or water wheels	2	2
Electric motors operated by purchased power	7	33
Total power used in manufacturing	10	95
Electric motors operated by power generated at the factory	5	7
Total electric motors	12	40
Total power installation	15	102
Boilers installed	4	148

Imports and Exports

The value of the various kinds of oiled and waterproof clothing imported into Canada for consumption during the calendar year 1926 will be found in Table IX (a). The value of clothing, the produce of Canada, exported during the same period is given in Table IX (b).

Table IX (a). Imports by Countries, 1926.

Articles imported	United Kingdom	United States	Other Countries
	\$	\$	\$
Clothing made waterproof with india rubber	90,143	117,566	30,037
Oiled clothing and oiled hats	21,840	9,243	299
TOTAL	111,983	126,909	30,336

Table IX (b). Exports by Countries, 1926.

Articles exported	United Kingdom	United States	Other Countries
	\$	\$	\$
Clothing, rubber, including waterproofed	3,020	1,718	23,546

APPENDIXFIRMS ENGAGED IN THE MANUFACTURE OF OILED AND WATERPROOF CLOTHINGNOVA SCOTIA

C.B. Conrad
 J.F. Creaser Co.Ltd.
 A.W. Hopkins
 W.C. Nickerson
 Edgar S. Wilson

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

QUEBEC

Fels..Ltd.
 Glasgow Rubber Co. Of Canada
 J.Gedeon Houde
 National Rubber Co. of Canada
 The Samit Rubber Co. (Chas. Samit)

92 Phillips Place Bldg., Montreal
 198 St.Catherine St.W., Montreal
 129 rue St. Dominique, Quebec
 207 St. Catherine St.W. Montreal
 1416 St. Urbain St., Montreal

ONTARIO

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

128 Sterling Road, Toronto
 49 Simcoe St. Toronto
 1149 King St. W. Toronto.

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