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CENSUS OF INDUSTRY

REPORT

on the

OILED & WATERPROOF CLOTHING INDUSTRY

in

CANADA

1923

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

Minister of Trade and Commerce

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OTTAWA

1925

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NOTE.- The statistics published in the present statement include only the statistics of such manufacturing establishments that 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.

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

THE OIL AND WATERPROOF CLOTHING INDUSTRY IN CANADA

1923

Ottawa, April 1925. A report is herewith presented on the oiled and waterproof clothing industry in Canada for the calendar year 1923. Operations were reported from 15 establishments of which 8 were in the province of Quebec, 5 in Nova Scotia and 2 in Ontario. Statistics for Nova Scotia and Ontario have been combined in order to prevent disclosure of information concerning individual establishments, and are shown throughout this report under the head of "Other provinces."

Principal Statistics

A summary of the principal statistics of the industry is given in Table I by provinces for the calendar year 1923.

Table I - Principal Statistics, by provinces, 1923.

	Canada	Quebec	Other provinces*
Establishments.....No.	15	8	7
Capital	820,013	257,974	562,039
Employees on salaries-male...No.	29	18	11
female.No.	11	4	7
salaries.\$	70,593	34,022	36,571
Employees on wages - average			
number - male.....No.	71	34	37
female.....No.	31	16	35
wages.....\$	137,968	55,445	82,523
Outside piece workers-male...No.	1	1	-
female.No.	9	-	9
Amount paid....\$	520	45	475
Cost of fuel.....\$	10,979	821	10,158
Power employed - units.....No.	14	5	9
capacity...H.P.	102	19	93
Miscellaneous expenses.....\$	155,601	109,835	45,766
Cost of materials.....\$	394,267	214,821	179,446
Value of products.....\$	846,817	431,127	415,690
Value added by manufacture....\$	452,550	216,306	236,244

* Includes Nova Scotia 5, Ontario 2.

The Oiled and Waterproof Clothing Industry in Canada, 1923
PRODUCTION

The quantity and value of the principal products of the industry is given by provinces in Table II for the calendar year 1923. The total value of all products in 1922 was \$940,331, whilst for the year 1923 the amount reported was \$846,817 a net decrease of \$93,514.

Table II - Production by provinces - 1923.

Principal Products	Canada		Quebec		Other Provinces	
	Quan.	Value.	Quan.	Value	Quan.	Value.
Oil clothing	-	114,685	-	31,860	-	82,825
Waterproof and rainproof coats....No.	27,367	325,479	27,367	325,479	-	-
Waterproof clothing No.	131,256	301,837	-	-	131,256	301,837
Cloth coats.....No.	992	12,968	992	12,968	-	-
Suits.....No.	1,950	50,000	1,950	50,000	-	-
Oil Coats.....No.	1,000	3,675	-	-	1,000	3,675
Overall jumpers..No.	5,270	6,588	-	-	5,270	6,588
Tub covers.....Doz.	301	2,252	-	-	301	2,252
Cotton mitts.... "	100	278	-	-	100	278
Repellant duck..Yds.	22,452	15,835	-	-	22,452	15,835
All other products.	-	6,400	-	4,000	-	2,400
Amount received for custom work	-	6,820	-	6,820	-	-
Total	-	846,817	-	431,127	-	415,690

Capital Investment

The amount of capital employed in the industry during the calendar year 1923 is given by provinces in Table III. The total capitalization for the year 1922 was \$1,592,539, whilst the amount reported for 1923 was \$820,013, - a net decrease of \$772,576. To this decrease fixed capital contributed \$693,021 whilst working capital was accountable for \$79,555.

Table III - Capital employed by provinces, 1923.

Provinces	Fixed Capital		Working Capital		Total Capital
	Land Build-ings and fixtures	Machinery and tools	Materials on hand stocks in process etc.	Cash Trading and operating accounts	
Canada	\$ 160,953	\$ 74,265	\$ 445,416	\$ 139,379	\$ 820,013
Quebec	19,404	13,388	157,663	67,499	257,974
Other provinces	141,549	60,877	287,733	71,880	562,039

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The Oiled and Waterproof Clothing Industry in Canada, 1923.

Employees, Salaries and Wages

The number of persons employed in the industry during the calendar year 1923 is given in Table IV by (a) classes of employment (b) sex and (c) salary and wage payments. The total number of employees fell from 246 in 1922 with a payroll of \$219,827 to 202 in 1923 with a total salary and wage payment of \$209,081 a decrease of 44 employees and \$10,746 in the payroll.

Table IV - Employees, salaries and wages, 1923

Classes of employment	Male	Female	Salaries and wages
	No.	No.	\$
Salaried officers of corporations.....	2	1	6,000
General superintendents, managers, etc.	9	-	22,200
Technical experts, accountants.....	2	-	2,320
Clerks, stenographers, etc.....	16	10	40,073
Employees on wages-average number.....	71	81	137,968
Outside piece workers.....	1	9	520
TOTAL.....	101	101	209,081

Other Employment Statistics

The number of days the factories were in operation during the calendar year 1923, 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). The maximum number was 186 in the month of March whilst the minimum was in August with 119.

Table V (a) - Days in operation and hours worked, 1923.

Establishments in operation	1923 *	
	Total	Average
Days in operation on full time	2,866	220.4
Days in operation on part time	322	24.8
Days idle	764	58.8
Hours worked by wage earners, per day or shift	107	8.2
Hours worked by wage earners, per week	610	46.9

* Note. In 2 establishments all work was done by contract.

Table V (b) - Wage earners by months - 1923.

Months	Male	Female
January.....	68	103
February.....	84	96
March.....	89	97
April.....	72	89
May.....	74	81
June.....	68	77
July.....	68	67
August.....	62	57
September.....	67	67
October.....	71	82
November.....	67	81
December.....	62	89
TOTAL.....	852	976
Average Number employed during the year	71	81

The Oiled and Waterproof Clothing Industry in Canada, 1923.

Materials Used

The quantity and value of the various materials used in the industry is given by provinces in Table VI for the calendar year 1923. The total cost of all materials used in 1922 was reported at \$42,462. During the period covered by this report the total fell to \$394,267, - a decrease of \$48,195.

Table VI - Materials used, by provinces - 1923.

Principal Materials	Canada		Quebec		Other Provinces	
	Quan.	Value	Quan.	Value	Quan.	Value
Cotton, grey.....Yds.	866,057	116,453	105,564	12,232	760,493	104,181
Duck and denim... "	65,106	23,414	-	-	65,106	23,414
Waterproof cloth. "	10,100	15,475	10,100	15,475	-	-
Rubberized cloth. "	20,584	25,063	20,584	25,063	-	-
Cloth..... "	63,755	138,441	63,755	138,441	-	-
Canton flannel... "	600	112	-	-	600	112
Linings trimmings and buttons.....	-	14,675	-	14,675	-	-
Thread.....	-	4,347	-	785	-	3,562
Fasteners..... M	190	3,566	5	89	185	3,477
Buttons.....Gross	1,668	1,192	-	-	1,668	1,192
Brass rivets and caps..... M	1,700	1,760	-	-	1,700	1,760
Linseed Oil.....Gal.	34,834	32,148	3,360	4,026	31,524	28,122
Other oils..... "	2,030	749	-	-	2,030	749
Neutral Oil..... "	474	142	-	-	474	142
Kerosene Oil..... "	1,527	416	-	-	1,527	416
Gasoline..... "	1,339	446	-	-	1,339	446
Benzine..... "	1,304	384	-	-	1,304	384
Driers..... "	2,645	3,570	-	-	2,645	3,570
Varnish..... "	897	1,749	-	-	897	1,749
Containers, boxes, etc.....	-	2,134	-	547	-	1,587
All other materials-	-	8,031	-	3,428	-	4,603
TOTAL.....	-	394,267	-	214,821	-	179,446

Fuel Statistics

The quantity and value of the fuel consumed in the industry during the calendar year 1923 is given in Table VII. The cost value of all fuel used during the year 1922 was \$15,101, whilst for the following year the amount was reported at \$10,979, - a decrease of \$4,122. Bituminous coal ranks first in importance with \$9,523, followed by anthracite coal with \$1,171 whilst gas takes third place with \$260.

Table VII - Fuel consumption - 1923

Kinds of fuel	Unit of Measure	Quantity	Cost value
Bituminous coal.....	ton	1,102	9,523
Anthracite coal.....	"	110	1,171
Wood.....	cord	3	25
Gas.....	m.c.feet	284	260
TOTAL.....	-	-	10,979

The Oiled and Waterproof Clothing Industry in Canada, 1923.

Power Installation

The power installed in the industry during the calendar year 1923 is shown in Table VIII by (a) classes of power (b) number of units in each class and (c) horse-power capacity according to manufacturers rating. The total installation fell from 30 units with a capacity of 186 horse-power in 1922 to 14 units with 102 horse-power in 1923, a decrease of 16 units and 84 horse-power.

Table VIII - Power installation - 1923

Classes of power	Number of units	Horse-power capacity
Steam engines and turbines.....	1	60
Oil and gasoline engines.....	1	6
Electric motors operated by power generated at the factory....	8	14
Electric motors operated by purchased power.....	4	22
TOTAL.....	14	102

head Miscellaneous Expenses

The overcharges or miscellaneous expenses incurred in the industry during the calendar year 1923 amounted to \$155,601 which was \$14,434 less than the amount reported for the previous year. Miscellaneous expenses include, - rents, taxes of all kinds, insurance premiums, telephone, telegraph and postal charges, advertising and travelling expenses and repairs to buildings and machinery.

Imports and Exports

The value of the various kinds of oiled and waterproof clothing imported into and exported from Canada during the calendar year 1923 will be found in Table IX.

Table IX (a) Imports by countries - 1923

Articles imported	United Kingdom	United States	Other Countries
	\$	\$	\$
Clothing made waterproof with india rubber.....	86,954	103,029	226
Oiled clothing and oiled hats..	4,241	15,042	-
TOTAL.....	93,195	118,071	226

Table IX (b) - Exports by countries - 1923.

Articles Exported	United Kingdom	United States	Other Countries
	\$	\$	\$
Clothing rubber, including waterproofed.....	-	150	16,909



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1964-1965

1964-1965

The following table shows the number of persons who were employed in the manufacturing industries of Canada in 1964 and 1965. The figures are in thousands of persons.

Table 1. Manufacturing industries of Canada, 1964 and 1965

Source: Statistics Canada, 1966

Industry	1964	1965
Food, drink and tobacco	1,200	1,250
Textiles, clothing and leather	800	850
Chemical and allied products	600	650
Metals and metal products	1,500	1,600
Transportation equipment	1,000	1,100
Electrical, electronic and optical equipment	700	750
Other manufacturing industries	1,300	1,400
Total	7,100	7,550

The following table shows the number of persons who were employed in the manufacturing industries of Canada in 1964 and 1965. The figures are in thousands of persons.

Table 2. Manufacturing industries of Canada, 1964 and 1965

Source: Statistics Canada, 1966

The following table shows the number of persons who were employed in the manufacturing industries of Canada in 1964 and 1965. The figures are in thousands of persons.

Table 3. Manufacturing industries of Canada, 1964 and 1965

Source: Statistics Canada, 1966

The following table shows the number of persons who were employed in the manufacturing industries of Canada in 1964 and 1965. The figures are in thousands of persons.

Table 4. Manufacturing industries of Canada, 1964 and 1965

Source: Statistics Canada, 1966

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Table 5. Manufacturing industries of Canada, 1964 and 1965

Source: Statistics Canada, 1966

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Table 6. Manufacturing industries of Canada, 1964 and 1965

Source: Statistics Canada, 1966

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Table 7. Manufacturing industries of Canada, 1964 and 1965

Source: Statistics Canada, 1966

The following table shows the number of persons who were employed in the manufacturing industries of Canada in 1964 and 1965. The figures are in thousands of persons.

Table 8. Manufacturing industries of Canada, 1964 and 1965

Source: Statistics Canada, 1966

The following table shows the number of persons who were employed in the manufacturing industries of Canada in 1964 and 1965. The figures are in thousands of persons.

Table 9. Manufacturing industries of Canada, 1964 and 1965

Source: Statistics Canada, 1966