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

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**REPORT**  
**ON THE**  
**OILED & WATERPROOF CLOTHING INDUSTRY**  
**IN**  
**CANADA**  
**1931**

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NOTE,- The statistics published in this report include only the statistics of the manufacturing establishments which have as their principal product clothing, and articles of clothing which are oiled, rubberized or waterproofed. Statistics for specific products are, therefore, not to be regarded as complete, for similar ones are also to be found as secondary ones in other industries.



DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
GENERAL MANUFACTURES DIVISION  
OTTAWA - CANADA

650 Copies  
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Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.  
Acting Chief, General Manufactures Division: A. Cohen, B. Com.

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THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1931.

Reports were received from nineteen establishments in 1931, an increase of two over the previous year. These plants reported a gross value of production of \$813,771, a decrease of \$169,550, or 17.25 per cent from 1930. The amount of capital investment was \$855,145 which was \$169,202, or 16.5 per cent lower than the 1930 investment. 272 persons were given employment in both 1930 and 1931, but the salary and wage bill was \$309,352 in 1930 and only \$256,561 in 1931, a reduction in the latter year of \$52,791, or 17.1 per cent. The cost of materials used, \$454,837, showed a decrease from 1930 of \$32,349, or 6.6 per cent, while the value added by manufacture declined by \$137,201, or 27.6 per cent to \$358,934.

The principal item of production in this industry in both 1930 and 1931 was coats of rubberized, oiled and waterproof fabrics and leather, etc., the value of which in 1931 was \$614,077, or over 75 per cent of the total value of production. In 1930, the corresponding value was \$578,965, or almost 59 per cent of the total production. Other important items in 1931 were covers and tarpaulins \$58,547, oiled clothing, not specified, \$35,374 and capes and aprons \$12,630. The various items of production in 1930 do not correspond at all with those for 1931, and it is found impossible to make an equitable comparison.

In the materials in 1931, fabrics of rubberized, waterproof, coated or impregnated cloth, cotton, wool, cotton duck, denim and others were used to the extent of 879,430 yards costing \$284,757, almost 63 per cent of the total cost of all materials used. The figures for 1930 were 871,178 yards costing \$324,238, nearly 67 per cent of the total. It will be observed that, while there was an increase of 8,252 in the yardage used in 1931, the cost decreased by \$39,481 in comparison with 1930. Other materials used in 1931 were trimmings and bindings \$34,395, buttons, buckles and fasteners \$18,283, linseed and other oil \$8,123, chemicals, cement, etc., \$7,142 and leather and leatherette \$9,553.

October was the month of highest employment in 1931 with 240 wage-earners and August with 177 was the lowest. Corresponding figures for 1930 were April high with 257 and December low with 194.

The exports and imports of oiled and waterproof clothing are shown in tables 11 and 12 of this report. Imports consist solely of clothing of India-rubber and waterproof cotton fabrics and amounted to \$162,960 in 1931 as against a value of \$351,991 in 1930. Exports of rubber and waterproof clothing were valued at \$43,518 in 1931, an increase of \$8,512 over the 1930 value of \$35,006.

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1931.

Table 1. - Principal Statistics, 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
	No.	\$	No.	\$	\$	\$	\$
1924 .....	15	1,051,174	254	262,035	549,576	1,130,145	580,569
1925 .....	12	972,541	230	251,641	496,393	990,895	494,502
1926 .....	13	985,225	241	290,227	606,680	1,157,182	550,502
1927 .....	16	1,168,207	367	321,288	749,585	1,430,633	681,048
1928 .....	18	1,238,488	359	426,614	826,524	1,724,394	897,870
1929 .....	19	1,186,464	328	395,291	706,706	1,354,314	647,608
<u>1930</u>							
CANADA .....	17	1,024,347	272	309,352	487,186	983,321	496,135
Ontario .....	4	554,149	121	155,438	264,935	497,942	233,007
Quebec and Nova Scotia .....	13	470,198	151	153,914	222,251	485,379	263,128
<u>1931</u>							
CANADA .....	19	855,145	272	256,561	454,837	813,771	358,934
Ontario .....	4	477,094	131	131,482	239,313	424,424	185,111
Quebec and Nova Scotia .....	15	378,051	141	125,079	215,524	389,347	173,823

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

Items		1930	1931	Increase - Decrease
Establishments reporting .....	No.	17	19	2
Capital invested .....	\$	1,024,347	855,145	169,202
Employees on salaries .....	Total No.	44	53	9
Male .....	No.	30	35	5
Female .....	No.	14	18	4
Salaries .....	\$	100,339	80,280	20,059
Employees on wages (Average) .....	No.	228	219	9
Male .....	No.	101	101	-
Female .....	No.	127	118	9
Total wages .....	\$	209,013	176,281	32,732
Power equipment .....				
Units .....	No.	22	24	2
Horse-power capacity .....	H.P.	171	170	1
Cost of fuel and electricity .....	\$	9,740	9,173	567
Cost of materials used .....	\$	487,186	454,837	32,349
Gross value of products .....	\$	983,321	813,771	169,550
Value added by manufacture .....	\$	496,135	358,934	137,201



THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1931.

Table 3. Production in Canada, 1931.

Principal Products	Unit of Measure	Quantity	Selling Value at Factory
			\$
COATS -			
Rubberized .....	No.	100,623	264,623
Oiled .....	"	25,115	61,086
Waterproof .....	"	86,953	37,856
Other, not specified, including leather jackets and windbreakers			250,512
Hats, waterproof .....	Doz.	850	5,106
Pants, oiled .....	"	1,414	22,744
Capes and aprons, oiled and rubberized ...	No.	17,452	12,630
All other clothing .....	Pieces	36,734	35,277
Covers of all kinds .....	No.	8,330	58,547
Bags of all kinds .....	"	34,604	8,605
All other products .....			46,235
Amount received for custom work and repairs			10,550
Total Products .....			813,771

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.

Table 4. Materials Used, 1930 and 1931.

Principal Materials	Unit of Measure	1930		1931	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
FABRICS -					
Cloth, rubberized .....	Yards	47,811	25,062	105,517	81,280
" waterproof .....	"	86,215	70,305	80,224	15,959
" rubberized and waterproof .....	"			20,006	11,945
" all other, coated or impregnated	"			47,677	26,021
" cotton .....	"	376,270	49,055	223,123	50,469
" wool .....	"	6,527	1,265	2,554	5,047
" duck, cotton .....	"	180,544	79,011	327,000	82,662
" denim .....	"	81,661	9,117	67,329	9,426
" other .....	"	92,150	90,423	6,000	1,948
Oiled sheeting .....	"	4,165	1,823	3,124	1,031
Trimmings and bindings .....			561	-	34,395
Buttons, fasteners and buckles .....			3,629	-	18,283
Oils, linseed .....	Gals.	5,820	6,630	7,845	6,059
Oils, other .....	"	8,437	5,615	3,090	2,064
Chemicals, including glue, cement, etc. ....			8,785	-	7,142

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1931.

Table 4. - Materials Used, 1930 and 1931. - Concl'd.

Principal Materials	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Cost Value	Quantity	Cost Value
			at Factory		at Factory
			\$		\$
Leather and leatherette ..	-	-	425	-	9,553
Thread, etc. ....	-	-	1,318	-	1,744
All other materials .....	-	-	132,134	-	89,259
Packing and shipping materials .....	-	-	2,028	-	550
Total Materials .....	-	-	487,186	-	454,837

Table 5. - Capital Invested, 1927-1931.

Years 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 on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	
	\$	\$	\$	\$	\$
1927 .....	368,150	485,153		314,904	1,168,207
1928 .....	366,354	634,757		237,377	1,238,488
1929 .....	425,856	589,722		170,886	1,186,464
1930 .....	391,937	476,085		156,325	1,024,347
<u>1 9 3 1</u>					
CANADA .....	366,815	162,886	189,746	135,698	855,145
Ontario .....	237,747	48,165	124,189	66,993	477,094
Quebec and Nova Scotia .....	129,068	114,721	65,557	68,705	378,051

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1931.

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

		1 9 3 0	1 9 3 1
Salaried employees	Total .....	No. 44	53
	Male .....	No. 30	35
	Female .....	No. 14	18
	Total Salaries .....	\$ 100,339	80,280
Wage-earners (Average Number)	Total .....	No. 228	219
	Male .....	No. 101	101
	Female .....	No. 127	118
	Total wages .....	\$ 209,013	176,281
Total Employees	Total .....	No. 272	272
	Male .....	No. 131	136
	Female .....	No. 141	136
	Salaries and wages ...	\$ 309,352	256,561

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

Months	1 9 3 0			1 9 3 1		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January .....	89	132	221	99	117	216
February .....	97	130	227	103	115	218
March .....	107	141	248	103	119	222
April .....	111	146	257	96	115	211
May .....	108	147	255	111	121	232
June .....	96	129	225	101	113	214
July .....	97	115	212	101	105	206
August .....	97	108	205	91	86	177
September .....	103	118	221	106	118	224
October .....	107	120	227	109	131	240
November .....	93	112	205	86	128	214
December .....	86	108	194	88	124	212
Monthly Average .....	101	127	228	101	118	219



THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1931.

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

No. of Hours Worked per Week	Number of Employees	No. of Hours Worked per Week	Number of Employees
40 hours or less .....	22	51-53 hours .....	10
41-43 hours .....	-	54 hours .....	-
44 hours .....	204	55 hours .....	-
45-47 hours .....	-	56-59 hours .....	-
48 hours .....	-	60 hours .....	-
49-50 hours .....	47	Over 60 hours .....	-

The above table does not include overtime.

Table 9. -- Power Equipment, 1930 and 1931.

Classes of Power	1 9 3 0		1 9 3 1	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines .....	1	100	1	100
Electric motors operated by purchased power .....	21	71	23	70
Total Power Used in Manufacturing .....	22	171	24	170
Electric motors operated by power generated in the establishment .....	5	7	5	7
Total Electric Motors ..	26	78	28	77
Boiler installation .....	4	380	5	398

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

Kinds of Fuel	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal --	Ton		\$		\$
Bituminous .....	(2000 Lbs.)	1,087	6,828	876	5,057
Anthracite .....	"	100	900	100	875
Fuel or diesel oil .....	Gal. (Imp.)	7,500	790	7,500	787
Wood .....	Cord	1	5	1	3
Gas, manufactured .....	M cu. ft.	72	68	99	104
Total Cost of Fuel			8,591		6,826



THE OILED AND WATERPROOF CLOTHING 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
			\$		\$
Carried Forward			8,591	-	6,826
Electricity purchased for power (including service charges)	K.W.H.		1,149	98,750	2,347
Total Cost of Fuel and Electricity			9,740	-	9,173

Table 11. - Imports of Oiled and Waterproof Clothing, by Principal Countries, 1930 and 1931.

Articles Imported	1930	1931
	Value	Value
	\$	\$
Clothing of India Rubber or of Waterproof Cotton Fabrics, n.e.p. -		
United Kingdom	139,045	74,488
United States	183,346	80,745
Germany	24,123	7,233
Other Countries	5,477	494
Total Imports	351,991	162,960

Table 12. - Exports of Oiled and Waterproof Clothing, by Principal Countries, 1930 and 1931.

Articles Exported	1930	1931
	Value	Value
	\$	\$
Clothing (rubber) including waterproof -		
United Kingdom	3,191	15,235
United States	5,207	3,450
Bermuda	521	1,512
Newfoundland	15,857	17,492
Denmark	-	1,704
St. Pierre and Miquelon	8,338	2,531
Other Countries	1,892	1,594
Total Exports	35,006	43,518

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1931.

A P P E N D I X.

Firms Engaged in the Manufacture of Oiled and Waterproof Clothing.

NOVA SCOTIA

J. F. Creaser & Company Limited,	La Have.
A. W. Hopkins,	Crowell's.
W. C. Nickerson,	Main Street, Clarks Harbor.
Riverside Motor Company Limited,	East La Have.
Edgar S. Wilson,	Crowell's.

QUEBEC

Canadian General Clothing Company, Limited,	3623 St. Lawrence Blvd., Montreal.
Fels Limited,	92 Phillips Place Building, Montreal.
Glasgow Rubber Company of Canada,	1010 St. Catherine Street East, Montreal.
Joseph & Seidman,	Room 500, 10 Ontario Street West, Montreal.
T. Matte, Enr. (J. Gedeon Houde, prop.)	129 rue St. Dominique, Quebec.
National Rubber Company of Canada,	307 St. Catherine Street West, Montreal.
W. Ordower & Company,	10 Ontario Street West, Montreal.
The Samit Rubber Company (Chas. Samit)	1416 St. Urbain Street, Montreal.
Shiff & Company,	209 St. Catherine Street East, Montreal.
The Supreme Raincoat Company,	209 St. Catherine Street East, Montreal.

ONTARIO

Durable Waterproofs, Limited,	646 Adelaide Street West, Toronto 3.
Scythes & Company, Limited,	128 Sterling Road, Toronto.
Toronto Waterproof Manufacturing Company,	49 Simcoe Street, Toronto 2.
Tower Canadian, Limited,	1149 King Street West, Toronto 2.

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