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DEPARTMENT OF TRADE AND COMMERCE

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CENSUS OF INDUSTRY

REPORT

ON THE

OILED & WATERPROOF CLOTHING INDUSTRY

IN

CANADA

1932

Published by Authority of the HON. H. H. STEVENS, M. P.,
Minister of Trade and Commerce.

OTTAWA
1933

NOTE.- The statistics published in this report include only the statistics of the manufacturing establishments which have as their principal products articles of clothing which are oiled, rubberized or waterproofed. Statistics for specific products are, therefore, not to be regarded as comprehensive 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

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Acting Chief, General Manufactures Division: A. Cohen, B.Com.

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1932.

In 1932 reports were received from sixteen establishments whose principal output consisted of oiled and waterproof clothing. This was a reduction of three from 1931, making four establishments in Ontario, eight in Quebec and four in Nova Scotia.

This industry showed a decrease in all phases of its manufacturing activities in 1932 as compared with 1931. Production, valued at \$628,744 in 1932, declined \$185,027 or 22.8 per cent. Capital invested, \$643,547, decreased by \$211,598 or 24.7 per cent. Employment was furnished to 244 persons, twenty-eight fewer than in 1931, and the amount of their salaries and wages was \$197,462, a drop of \$59,099 or 23.1 per cent. The cost of materials used, \$323,742, was also lower by \$131,095 or 28.8 per cent, while the value added by manufacture declined to \$305,002, a drop of \$53,932 or 15.0 per cent. These variations may be noted in detail in table 2.

The largest single item of production in both 1931 and 1932 consisted of rubberized coats. In 1932 the output was 7,865 dozen valued at \$278,159. The similar production in 1931 was 8,385 dozen with a value of \$264,623. Of oiled coats, there were 3,043 dozen worth \$78,592 in 1932 and 2,093 dozen worth \$61,086 in 1931. The production of all other coats, including those waterproofed of wool and other fabrics, was valued at \$48,087 in 1932 as against a value of \$279,086 in 1931. Windbreakers and leather jackets had a production valued at \$61,118 in 1932 and \$9,282 in 1931. The production of oiled and rubberized pants, jackets, hats, aprons, etc., was valued at \$66,015 in 1932 and \$55,664 in 1931.

It was not considered feasible to collect detailed statistics covering materials used in 1932, and as a result the only figures available covering them are the provincial totals which are shown in table 4.

Imports and exports in this industry are relatively small. The imports for 1932 amounted to \$56,022 in comparison with a value of \$162,960 in 1931. Exports were valued at \$53,150 in 1932 and \$43,518 in 1931.

Table 1. - Principal Statistics, 1924-32.

Year and Provinces	Estab- lish- ments Report- ing	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production	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	681,018
1928	18	1,238,488	359	426,614	826,524	1,724,324	897,812
1929	19	1,186,464	328	395,291	706,706	1,354,314	647,608

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1932.

Table 1. - Principal Statistics, 1924-1932. - (Concl'd.)

Year and Provinces	Estab- lish- ments Report- ing	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
<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	10	292,992	105	104,811	171,792	322,709	150,917
Nova Scotia	5	85,059	36	20,268	43,732	66,638	22,906
<u>1932</u>							
CANADA	16	643,547	244	197,462	323,742	628,744	305,002
Ontario	4	424,259	132	117,049	184,510	345,378	160,868
Quebec	8	149,116	74	55,400	101,340	205,275	103,935
Nova Scotia	4	70,172	38	25,013	37,892	78,091	40,199

Table 2. - Comparison of Principal Statistics, 1931 and 1932.

Items	1931	1932	Increase - Decrease
Establishments reporting	No. 19	16	- 3
Capital invested	\$ 855,145	643,547	- 211,598
Employees on salaries	Total No. 53	43	- 10
Male	No. 35	32	- 3
Female	No. 18	11	- 7
Salaries	\$ 80,280	65,412	- 14,868
Employees on wages(Monthly Average)	No. 219	201	- 18
Male	No. 101	87	- 14
Female	No. 118	114	- 4
Total wages	\$ 176,281	132,050	- 44,231
Power equipment -			
Units	No. 24	22	- 2
Horse-power capacity	H.P. 170	127	- 43
Cost of fuel and electricity	\$ 9,173	8,985	- 188
Cost of materials used	\$ 454,837	323,742	- 131,095
Gross value of production	\$ 813,771	628,744	- 185,027
Value added by manufacture	\$ 358,934	305,002	- 53,932

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1932.

Table 3. - Production, 1931 and 1932.

Principal Products	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Coats -					
Rubberized	Dozen	8,385	264,623	7,865	278,159
Oiled	"	2,093	61,086	3,043	78,592
All other (fabric, etc.) ..	"	-	279,086	771	48,087
Windbreakers and leather jackets	"	133	9,282	1,296	61,118
Pants, oiled and rubberized .	"	1,414	22,744	2,262	43,583
Other oiled and rubberized goods, hats, jackets, pants, etc.	-	-	32,920	-	22,432
Overalls and work shirts	Dozen	2,176	20,093	2,465	21,934
Duck and other fabrics proofed and processed	Yard	94,000	29,860	41,900	17,708
Canvas covers, all kinds	-	-	60,197	-	45,274
All other canvas goods	-	-	9,000	-	9,600
All other products	-	-	24,880	-	2,257
TOTAL PRODUCTS	-	-	813,771	-	628,744

Table 4. -- Materials Used, by Provinces, 1931 and 1932.

Provinces	1 9 3 1		1 9 3 2	
	Cost Value at Factory		Cost Value at Factory	
	\$		\$	
Ontario	239,313		184,510	
Quebec	171,792		101,340	
Nova Scotia	43,732		37,892	
TOTAL MATERIALS USED	454,837		323,742	

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1932.

Table 5. - Capital Invested, 1927-1932.

Year 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	98,343	107,643	46,257	40,749	292,992
Nova Scotia	30,725	7,078	19,300	27,956	85,059
<u>1 9 3 2</u>					
CANADA	313,733	82,401	161,171	86,242	643,547
Ontario	239,209	38,454	112,729	33,867	424,259
Quebec	45,933	34,107	29,954	39,122	149,116
Nova Scotia	28,591	9,840	18,488	13,253	70,172

Table 6. - Employees by Sex and Remuneration, 1931 and 1932.

		1 9 3 1	1 9 3 2
Salaried Employees -			
Total	No.	53	43
Male	No.	35	32
Female	No.	18	11
Total salaries	\$	80,280	65,412
Wage-earners -			
Monthly average	No.	219	201
Male	No.	101	87
Female	No.	118	114
Total wages	\$	176,281	132,050

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1932.

Table 6. - Employees by Sex and Remuneration, 1931 and 1932. - (Concl'd.)

		1 9 3 1	1 9 3 2
All Employees --			
Total	No.	272	244
Male	No.	136	119
Female	No.	136	125
Salaries and wages	\$	256,561	197,462

Table 7. - Monthly Employment of Wage-earners, 1931 and 1932.

	1 9 3 1			1 9 3 2		
Months	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	99	117	216	80	93	173
February	103	115	218	81	104	185
March	103	119	222	83	109	192
April	96	115	211	88	112	200
May	111	121	232	89	125	214
June	101	113	214	84	119	203
July	101	105	206	90	103	193
August	91	86	177	86	112	198
September	106	118	224	84	128	212
October	109	131	240	90	129	219
November	86	128	214	86	119	205
December	88	124	212	83	109	192
MONTHLY AVERAGE.	101	118	219	87	114	201

Table 8. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1931 and 1932.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1931	1932		1931	1932
40 hours or less	22	22	51-53 hours	10	-
41-43 hours	-	-	54 hours	-	-
44 hours	204	192	55 hours	-	-
45-47 hours	-	10	56-59 hours	-	-
48 hours	-	15	60 hours	-	-
49-50 hours	47	10	Over 60 hours ...	-	-

The above table does not include overtime.

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1932.

Table 9. - Power Installation, 1931 and 1932.

Classes of Power	1 9 3 1		1 9 3 2	
	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	60
Electric motors operated by purchased power	23	70	21	67
TOTAL POWER USED IN MANUFACTURING	24	170	22	127
Electric motors operated by power generated in the establishment	5	7	5	7
Total Electric Motors	28	77	26	74
Boiler installation	5	398	5	398

Table 10. - Consumption of Fuel and Electricity, 1931 and 1932.

Kinds of Fuel	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Coal -	Ton				
Bituminous	(2000 Lbs.)	876	5,057	930	5,800
Anthracite	"	100	875	100	650
Fuel or diesel oil .	Gal.	7,500	787	7,300	772
Wood	Cord	1	3	-	3
Gas, manufactured ..	M cu. ft.	99	104	81	76
Gas, natural	"	-	-	-	33
TOTAL COST OF FUEL	-	-	6,826	-	7,334
Electricity purchased for power (including service charges) ..	K.W.H.	98,750	2,347	66,630	1,651
TOTAL COST OF FUEL AND ELECTRICITY	-	-	9,173	-	8,985

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1932.

Table 11. - Imports of Oiled and Waterproof Clothing, by Principal Countries,
Calendar Years 1931 and 1932.

Articles Imported	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Value	Quantity	Value
			\$		\$
Clothing of India-rubber or of waterproofed cotton fabrics, n.o.p. -					
United Kingdom	-	-	5,366	-	3,772
United States	-	-	58,553	-	5,341
Germany	-	-	7,233	-	2,217
Other Countries	-	-	35	-	187
TOTAL	-	-	71,187	-	11,517
Raincoats of India-rubber or of waterproofed cotton fabrics -					
United Kingdom	No.	21,469	69,122	13,636	42,870
United States	"	11,139	22,192	405	1,561
Other Countries	"	53	459	15	74
TOTAL	"	32,661	91,773	14,056	44,505

Table 12. - Exports of Oiled and Waterproof Clothing, by Principal Countries,
Calendar Years 1931 and 1932.

Articles Exported	1 9 3 1		1 9 3 2	
	Value		Value	
	\$		\$	
Clothing (rubber), including waterproofed -				
United Kingdom	15,235		19,630	
United States	3,450		3,472	
Newfoundland	17,492		19,578	
New Zealand	231		1,016	
Denmark	1,704		2,390	
St. Pierre and Miquelon	2,531		3,562	
Other Countries	2,875		3,502	
TOTAL	43,518		53,150	

THE OILED AND WATERPROOF CLOTHING INDUSTRY IN CANADA, 1932.

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 Harbour.
Riverside Motor Company Limited,	East La Have.

QUEBEC

Canadian General Clothing Company Limited,	3623 St. Lawrence Blvd., Montreal.
Sol. Z. Fels Limited,	1435 Bleury Street, Montreal.
Glasgow Rubber Company of Canada,	530 St. Catherine Street East, Montreal.
The K. & W. Manufacturing Company Limited,	427 Notre Dame Street West, Montreal.
T. Matte, Enr. (J. Gedeon Houde, Prop.),	129 rue St. Dominique, Quebec.
W. Ordower & Company,	209 St. Catherine Street East, Montreal.
The Samit Rubber Company, (Chas. Samit),	690 Notre Dame Street West, Montreal.
Shiff & 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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