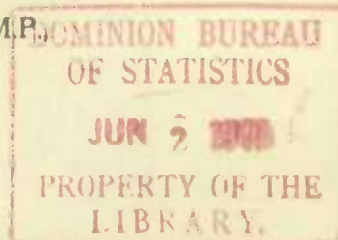


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

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GENERAL MANUFACTURING STATISTICS

REPORT
ON THE
OILED & WATERPROOFED CLOTHING INDUSTRY
IN
CANADA
1945



OTTAWA
1947

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CHAPTER 1
THEORY OF THE
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DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURING STATISTICS
OTTAWA - CANADA

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A. Cohen

THE OILED AND WATERPROOFED CLOTHING INDUSTRY IN CANADA, 1945

In 1945 reports were received from 13 establishments whose principal output consisted of oiled and waterproofed clothing. The location of these establishments was as follows: Quebec 7 and Ontario 6.

The oiled and waterproofed clothing industry reported a gross value of production of \$3,432,830 in 1945 a decrease of \$281,701 or 7.6 per cent over the 1944 output. Employment was furnished to 572 persons who received \$791,007 in salaries and wages. Materials used had a laid down value at the factory of \$1,924,984 while the value added by manufacture amounted to \$1,486,001.

The output of the oiled and waterproofed clothing industry in 1945 declined from the high level of the past few years, due mainly to the drop in the output of clothing and equipment for the armed forces. The gross value of production declined by \$281,701, the number of employees by 21 and the salaries and wages paid by \$37,492. There was, however, an increase of \$116,588 in the value added by manufacture. Weekly earnings of male wage-earners averaged \$23.94 while those for female wage-earners averaged \$20.66. Hours worked per week averaged 40.4 for male and 40.1 for female wage-earners.

Detailed statistics covering the quantities and cost of the various materials entering into the manufacture of oiled and water-proofed clothing are not collected. The total costs are, however, shown by provinces in Table 1.

THE OILED AND WATERPROOFED CLOTHING INDUSTRY IN CANADA, 1945

Table 1. - Principal Statistics representative years, 1924 - 1945

Year and Provinces	Establish- ments Reporting No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Production \$
1924	15	1,051,174	243	262,035	549,576	1,130,145
1925	12	972,541	230	251,641	496,393	990,895
1926	13	985,225	241	290,227	606,680	1,157,182
1928	18	1,238,488	359	426,614	826,524	1,724,394
1929	19	1,186,464	328	395,291	706,706	1,354,314
1932	16	643,547	244	197,462	323,742	628,744
1933	15	606,389	237	185,946	364,688	644,130
1934	14	682,674	236	195,465	514,674	832,237
1935	15	759,872	297	258,450	664,227	1,090,087
1936	12	821,891	341	291,711	780,926	1,275,526
1937	12	787,217	439	342,159	952,973	1,547,769
1938	13	679,566	349	264,462	758,902	1,178,307
1939	12	781,848	371	320,016	807,602	1,349,183
1940	11	995,066	527	476,120	1,327,049	2,127,642
1941	12	1,901,093	1,017	937,663	2,712,197	4,500,958
1942	12	2,038,219	1,084	1,144,408	3,171,757	5,274,534
<u>1 9 4 3</u>						
CANADA ...	11	1,561,621	823	1,052,554	3,175,467	4,917,923
Ontario	4	1,069,000	589	768,139	2,403,109	3,635,017
Quebec	7	492,621	234	284,415	772,358	1,282,906
<u>1 9 4 4</u>						
CANADA ...	13	Not collected in 1944	593	828,499	2,321,635	3,714,531
Ontario	6		372	524,243	1,496,921	2,446,687
Quebec	7		221	304,256	824,714	1,267,844
<u>1 9 4 5</u>						
CANADA ...	13	Not collected in 1945	572	791,007	1,924,984	3,432,830
Ontario	6		200	503,848	1,182,856	2,132,424
Quebec	7		372	287,159	742,128	1,300,406

Note: Profits or losses cannot be estimated from Census figures as no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

THE OILED AND WATERPROOFED CLOTHING INDUSTRY IN CANADA, 1945

Table 2. - Comparison of Principal Statistics, 1944 and 1945

Items	1 9 4 4	1 9 4 5	+ Increase - Decrease
Establishments reporting No.	13	13	-
Employees on salaries -			
Total No.	89	90	+ 1
Male No.	59	55	- 4
Female No.	30	35	+ 5
Total salaries \$	236,748	226,225	- 10,523
Employees on wages -			
Monthly average No.	504	482	- 22
Male No.	156	145	- 11
Female No.	348	337	- 11
Total wages \$	591,751	564,782	- 26,969
Power equipment -			
Units No.	76	79	+ 3
Horsepower capacity H.P.	270	575	+ 305
Cost of fuel and electricity .. \$	23,483	21,845	- 1,638
Cost of materials used \$	2,321,635	1,924,984	- 396,651
Gross value of production \$	3,714,531	3,432,830	- 281,701
Value added by manufacture \$	1,369,413	1,486,001	+ 116,588

THE OILED AND WATERPROOFED CLOTHING INDUSTRY IN CANADA, 1945

Table 3. - Principal Statistics of the Oiled and Waterproofed Clothing Industry, 1943 and 1945. Grouped According to the Size of Establishments.

Establishments having Production of -	Estab- lish- ments No.	Capital Invested \$	Total Em- ployees No.	Total Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Production \$
<u>1 9 4 3</u>						
\$ 5,000 to under \$25,000	1)					
\$25,000 " " \$50,000	2)	159,698	68	74,781	184,984	305,432
\$50,000 " " \$100,000	3)					
\$100,000 to under \$500,000	1)					
\$500,000 to under \$1,000,000	2)	1,401,923	755	977,773	2,990,483	4,612,491
\$1,000,000 and over	2)					
T O T A L	11	1,561,621	823	1,052,554	3,175,467	4,917,923
<u>1 9 4 4</u>						
\$ 5,000 to under \$25,000	2)	Not				
\$25,000 " " \$50,000	3)		94	113,568	194,529	364,193
\$50,000 " " \$100,000	3)	collected				
\$100,000 to under \$500,000	2)	in	499	714,931	2,127,106	3,350,338
\$500,000 to under \$1,000,000	2)	1944				
\$1,000,000 and over	1)					
T O T A L	13)	-	593	828,499	2,321,635	3,714,531
<u>1 9 4 5</u>						
\$ 5,000 to under \$25,000	1)	Not				
\$25,000 " " \$50,000	2)		75	100,985	215,669	451,192
\$50,000 " " \$100,000	5)	collected				
\$100,000 to under \$500,000	2)	in	497	690,022	1,709,315	2,981,638
\$500,000 to under \$1,000,000	3)	1945				
T O T A L	13)	-	572	791,007	1,924,984	3,432,830

THE OILED AND WATERPROOFED CLOTHING INDUSTRY IN CANADA, 1945

Table 4. - Production, 1944 and 1945

Principal Products	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
Coats -					
Rubberized	dozen	7,579	366,613	5,925	270,066
Oiled	"	9,094	355,081	8,748	280,895
Waterproofed	"	8,137	782,436	8,499	874,252
All other	"	4,122	586,864	3,756	576,567
Pants, oiled and rubberized	"	2,245	51,023	2,343	66,160
Hats, waterproofed	"	3,771	27,653	6,209	37,085
Other oiled, waterproofed and rubberized goods, suits, caps, aprons, curtains, military equipment, etc.	-	-	99,026	-	327,111
Windbreakers all kinds	dozen	4,710	277,841	4,184	251,529
Clothing, work and other	-	-	18,300	-	18,153
Covers, canvas, all kinds	-	-	(1)	-	(1)
Bags, canvas,	-	-	(1)	-	(1)
All other products	-	-	1,149,694	-	731,012
T O T A L	-	-	3,714,531	-	3,432,830

(1) Included in All Other Products.

Note: Rubberized and Rubber Clothing which are also manufactured by firms classified in the "Rubber Goods industry" are not included in this report. For complete figures on the production of these products see "Alphabetical List of Products Made in Canada" published annually in the general report on the manufacturing industries of Canada.

THE OILED AND WATERPROOFED CLOTHING INDUSTRY IN CANADA, 1945

Table 5. - Capital Invested representative years, 1925-1944

Year and Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Inventory value of Material on hand, stocks in process, finished products, fuel and miscellaneous supplies on hand	Operating Capital (cash bills and accounts receivable, prepaid expenses, etc.	
	\$	\$	\$	\$
1925	366,303	433,931	172,307	972,541
1928	366,354	634,757	237,377	1,238,488
1930	391,937	476,085	156,325	1,024,347
1932	313,733	243,572	86,242	643,547
1933	304,799	222,650	78,940	606,389
1934	330,587	211,531	140,556	682,674
1935	350,584	241,694	167,594	759,872
1936	372,218	255,241	194,432	821,891
1937	309,877	264,215	213,125	787,217
1938	312,718	212,437	183,411	678,566
1939	314,242	171,889	295,717	781,848
1940	322,262	346,430	326,374	995,066
1941	435,074	751,432	714,587	1,901,093
<u>1 9 4 2</u>				
CANADA	442,468	1,069,696 x	526,055	2,038,219
Ontario	328,340	818,046	431,682	1,578,068
Quebec	114,128	251,650	94,373	460,151
<u>1 9 4 3</u>				
CANADA	346,170	709,137 x	506,314	1,561,621
Ontario	228,974	445,823	394,203	1,069,000
Quebec	117,196	263,314	112,111	492,621
<u>1 9 4 4</u>				
CANADA				
Ontario	Not	collected	in	1944 and 1945.
Quebec				

* The inventory value of finished products on hand amounted to \$399,621 in 1942.

* The inventory value of finished products on hand amounted to \$148,832 in 1943.

THE OILED AND WATERPROOFED CLOTHING INDUSTRY IN CANADA, 1945

Table 6. - Employees by Sex and Remuneration 1943 to 1945.

		1 9 4 3	1 9 4 4	1 9 4 5
Salaried Employees -				
Total	No.	71	89	90
Male	No.	47	59	55
Female	No.	24	30	35
Total salaries	\$	169,924	236,748	226,225
Wage-earners -				
Monthly average	No.	752	504	482
Male	No.	202	156	145
Female	No.	550	348	337
Total wages	\$	882,630	591,751	564,782
All Employees -				
Total	No.	823	593	572
Male	No.	249	215	200
Female	No.	574	378	372
Total salaries and wages ..	\$	1,052,554	828,499	791,007

Table 7. - Monthly Employment of Wage-earners, 1943-1945.

Months	1 9 4 3			1 9 4 4			1 9 4 5		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January ...	247	743	990	168	356	524	137	343	480
February ..	235	729	964	169	364	533	146	343	489
March	232	753	985	168	364	532	142	357	499
April	224	736	960	165	363	528	141	353	494
May	227	717	944	155	345	500	140	354	494
June	207	499	706	150	354	504	142	329	471
July	191	449	640	152	344	496	149	319	468
August	184	445	629	145	332	477	141	321	462
September ..	179	441	620	150	345	495	141	326	467
October ...	190	442	632	152	346	498	144	318	462
November ..	162	326	488	154	342	496	146	335	481
December ..	158	309	467	150	305	455	159	337	496
MONTHLY AVERAGE ..	202	550	752	156	348	504	145	337	482

THE OILED AND WATERPROOFED CLOTHING INDUSTRY IN CANADA, 1945

Table 8. - Number of Wage-earners in month of highest employment with their Hours of Work per Week and Average Weekly Earnings, 1944 and 1945.

Number of Hours Worked per Week	1 9 4 4		1 9 4 5	
	Male	Female	Male	Female
	No.	No.	No.	No.
30 hours or less	12	71	43	32
31 - 43 hours	22	100	63	157
44 hours	26	43	16	12
45 - 47 hours	12	90	46	91
48 hours	26	55	55	31
49 - 50 hours	35	17	7	-
51 - 54 hours	22	-	2	3
55 hours	1	-	2	1
56 - 64 hours	4	-	1	3
65 hours and over	3	-	-	1
Average hours per week	45.7	39.8	40.4	40.1
Average weekly earnings	\$29.34	\$19.35	\$23.94	\$20.66

Table 9. - Power Installation, 1944 and 1945

Classes of Power	1 9 4 4		1 9 4 5	
	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	-	-
Electric motors operated by purchased power	75	170	79	575
TOTAL POWER USED IN MANUFACTURING	76	270	79	575
Electric motors operated by power generated by the Establishments	-	-	-	-
Total Electric Motors	75	170	79	575
Boiler installation	1	102	1	84

THE OILED AND WATERPROOFED CLOTHING INDUSTRY IN CANADA, 1945

Table 10. - Consumption of Fuel and Electricity, 1944 and 1945

Kinds of Fuel	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Coal -	Ton				
Bituminous	(2000 lb.)	1,693	14,727	1,351	12,098
Gasoline	Imp. gals.	-	-	1,300	436
Fuel oil	" "	-	-	1,896	194
Gas, manufactured	M cu.ft.	788	765	616	528
TOTAL COST OF FUEL	-	-	15,492	-	13,256
Electricity purchased (including service charges)	K.W.H.	538,198	7,991	724,126	8,589
TOTAL COST OF FUEL AND ELECTRICITY	-	-	23,483	-	21,845

Table 11. - Imports of Oiled and Waterproofed Clothing, 1945

Articles Imported	Unit of Measure	1 9 4 5	
		Quantity	Value
			\$
Clothing of rubber or of waterproofed cotton fabrics, n.o.p.	-	-	10,198
Raincoats of rubber	No.	7	61
Raincoats of waterproofed cotton fabrics	No.	27,802	246,740

Table 12. - Exports of Oiled and Waterproofed Clothing, 1945

Articles Exported	1 9 4 5	
	Value	
		\$
Clothing of rubber and waterproofed clothing		175,959

A P P E N D I X

Firms Engaged in the Manufacture of Oiled and Waterproofed Clothing, 1945

QUEBEC

Crown Waterproof & Clothing Co.,	1419 Clarke St., Montreal
Croydon Manufacturing Company Limited	407 St. Peter St., Montreal
Matte, T., Enr.	129 rue St. Dominique, Québec
Maco Rubber Company	4297 St. Lawrence Blvd., Montreal
Premier Waterproof & Sportswear Company	5505 St. Lawrence Blvd., Montreal
Sediman, H. & Company	10 Ontario St. W., Montreal
Transparent Garment Cover Company	1482 Guy St., Montreal

ONTARIO

Courtley Manufacturing Co.	96 Spadina Ave., Toronto
Durable Waterproofs Limited	646 Adelaide St. W., Toronto 3
Melrose Garments Limited	110 Spadina Ave., Toronto
National Waterproof Products Ltd.,	207 Cowan Ave., Toronto
Scythes and Company Limited	128 Sterling Road, Toronto 3
Tower Canadian Limited	Galt

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