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REPORT
on the
MEN'S FACTORY 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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DEPARTMENT OF TRADE AND COMMERCE
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CENSUS OF INDUSTRY
OTTAWA, CANADA.

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Chief, Census of Industry: J. C. Macpherson.

THE MEN'S FACTORY CLOTHING INDUSTRY IN CANADA, 1923

Ottawa, July 1925. A report is herewith presented on the production of men's factory clothing in Canada during the calendar year 1923. Reports were received from 153 establishments, a net increase of 5 over the number reported for 1922. The location of these establishments by provinces, is shown for both years in the following table:-

Provinces	1922	1923
CANADA	148	153
Nova Scotia	1	1
New Brunswick	2	2
Quebec	74	80
Ontario	65	65
Manitoba	4	2
Alberta	1	2
British Columbia	1	1

It will be noted that for the period covered by this report, Quebec has an additional 6 factories and Alberta 1, whilst Manitoba reported 2 less. In order to prevent disclosure of information concerning individual establishments it has been necessary to combine statistics for the provinces of Nova Scotia and New Brunswick, and they are shown throughout this report under the head of "Maritime provinces". A similar procedure has been followed in the case of Manitoba, Alberta and British Columbia, statistics for which are shown as "Western provinces".

Principal Statistics

A summary of the principal statistics of the industry compared for the calendar years 1922 and 1923 is given in Table I.

Table I - Principal Statistics - 1922 and 1923.

Principal Statistics		1922	1923
Establishments	No.	148	153
Capital investment	\$	25,029,072	22,413,753
Employees on salaries - male	No.	1,058	1,089
female	No.	300	283
salaries	\$	2,788,085	2,786,487
Employees on wages (average number)-male	No.	3,813	3,960
female	No.	4,607	4,657
wages	\$	7,863,109	8,262,337
Outside piece workers - male	No.	159	129
female	No.	214	166
amount paid	\$	641,024	340,498
Cost of fuel	\$	80,548	72,323
Power employed - units	No.	375	834
capacity	Horse-power	1,740	1,316
Miscellaneous expenses	\$	4,130,011	4,134,704
Cost of materials	\$	18,481,429	18,355,897
Value of products	\$	35,135,395	35,855,242
Value added by manufacture	\$	16,653,966	17,499,345

THE MEN'S FACTORY CLOTHING INDUSTRY IN CANADA, 1923.

Production

The quantity and value of the various articles comprising men's factory clothing, manufactured during the calendar year 1923, is given by provinces in Table II. The total value of all products rose from \$35,135,395 in 1922 to \$35,855,242 in 1923, a net increase of \$719,847 over the two year period. The province of Quebec again occupies the premier position in production with a total of \$21,833,480 which is equivalent to 60.9 per cent of the total value of all products for the Dominion. Ontario follows next in order with \$13,646,239 or 38.5 per cent. Together these two provinces account for 99.4 per cent of the total output of all men's clothing manufactured throughout the Dominion.

Table II - Production by provinces, 1923.

Principal Products		CANADA		Quebec		Ontario		Maritime provinces ¹		Western provinces ²	
		Quantity	Value	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
Suits, men's	No.	964,169	19,572,802	642,250	11,814,170	311,441	7,577,737	5,834	72,845	4,644	108,050
Suits, boys'	No.	235,012	1,626,890	199,061	1,344,458	33,917	269,722	2,034	12,710	-	-
Coats separate incl: flannel jackets	No.	84,329	660,964	63,343	387,151	20,854	273,398	132	415	-	-
Pants, separate, men's	No.	1,145,394	3,943,457	536,966	1,690,345	588,393	1,985,246	14,682	54,336	5,353	13,530
Pants, separate, boys'	No.	730,149	1,216,187	681,854	1,113,895	33,979	78,153	7,716	14,139	6,600	10,000
Vests	No.	34,408	51,212	21,218	36,558	11,107	45,742	900	1,231	1,183	7,681
Overcoats including Mackinaw coats	No.	456,393	7,268,851	285,751	4,322,439	166,020	2,902,330	1,956	16,395	2,346	27,687
Other items of men's and boys' clothing -	-	-	785,594	-	396,366	-	367,372	-	4,856	-	17,000
Women's dresses	No.	70	7,000	70	7,000	-	-	-	-	-	-
Women's mantles, costumes, cloaks etc.	No.	13,145	107,900	13,022	105,809	123	2,091	-	-	-	-
Women's whitewear etc.	No.	3,600	45,461	3,600	45,461	-	-	-	-	-	-
Other items women's and girls clothing -	-	-	14,565	-	-	-	14,565	-	-	-	-
Amount received for all contract work	-	-	514,359	-	369,828	-	129,883	-	14,648	-	-
TOTAL		-	35,855,242	-	21,833,480	-	13,646,239	-	191,575	-	183,948

¹ Includes:- New Brunswick 2, Nova Scotia 1.² Includes:- Manitoba 2, Alberta 2, British Columbia 1.

THE MEN'S FACTORY CLOTHING INDUSTRY IN CANADA, 1923.

Capital Investment

The amount of capital employed in the industry is given by provinces in Table III for the calendar year 1923. In spite of the fact that there were 5 more establishments in operation during 1923, there was a marked decrease in the total capitalization. The total for 1922 was \$25,029,072, whilst for 1923 the amount reported was \$22,418,753, - a net decrease of \$2,610,319. Fixed capital showed a slight increase amounting to \$292,537, whereas working capital was reduced to the extent of \$2,902,856.

Table III - Capital employed, by provinces - 1923.

Provinces	Fixed Capital		Working Capital		Total Capital \$
	Land buildings and fixtures \$	Machinery and tools \$	Materials on hand, stocks in process, etc. \$	Cash, trading and operating accounts, etc. \$	
Canada	5,305,663	1,106,481	9,972,944	7,533,665	22,418,753
Quebec	2,602,612	630,495	6,454,621	4,736,034	14,429,762
Ontario	1,196,351	456,052	3,439,581	2,746,906	7,838,890
Maritime provinces	700	9,354	15,734	30,150	55,938
Western provinces	-	10,580	63,003	20,575	94,163

Employees, Salaries and Wages.

The number of persons employed in the industry, during the calendar year 1923 will be found in Table IV, by (a) classes of employment, (b) sex and (c) salary and wage payments. The total male employees in all classes rose from 5,030 in 1922 to 5,176 in 1923, an increase of 146, - on the other hand the female employees fell from 5,121 in 1922 to 5,106 in 1923, a decrease of 15, making a net increase of 133 employees. The total payroll rose from \$11,292,216 in 1922 to \$11,389,322 in 1923, an increase of \$97,104 for the two year period.

Table IV - Employees, Salaries and wages - 1923.

Classes of Employment	Male No.	Female No.	Salaries and Wages \$
Salaried officers of corporations	178	10	704,464
General superintendents, managers, etc.	140	16	531,657
Technical experts, accountants, etc.	137	26	260,080
Clerks, stenographers, salesmen, etc.	634	231	1,290,286
Wage earners (average number)	3,960	4,657	3,262,337
Outside piece workers	129	166	340,498
TOTAL	5,176	5,106	11,389,322

THE MEN'S FACTORY CLOTHING INDUSTRY IN CANADA, 1923

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 and per week normally worked by wage earners is given in Table V(a). The number of wage earners employed in the industry is given by sex and by months in Table V(b). The maximum number employed was 9,057 in March whilst the minimum number reported was in December with 8,170.

Table V(a). Days in Operation and Hours Worked - 1923.

Number of establishments in operation	153	
	Total	Average
Days in operation on full time	37,307	243.8
Days in operation on part time	4,985	32.6
Days idle	4,220	27.6
Hours worked by wage earners per day	1,251	8.1
Hours worked by wage earners per week	6,959	45.4

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

Months	Male No.	Female No.	Months	Male No.	Female No.
January	3,839	4,380	July	3,952	4,650
February	3,939	4,585	August	3,998	4,773
March	4,160	4,897	September	4,042	4,785
April	4,078	4,750	October	4,086	4,757
May	3,936	4,615	November	3,810	4,563
June	3,948	4,684	December	3,730	4,440
TOTAL				47,518	55,879
Average number employed during the year				3,960	4,657

THE MEN'S FACTORY CLOTHING INDUSTRY IN CANADA, 1923

Materials Used

The quantity and value of all materials used in the industry is given by provinces in Table VI, for the calendar year 1923. The total cost of all materials fell from \$18,481,429 in 1922 to \$18,355,897 in 1923, - a net decrease of \$125,532. Of the six principal materials used in the manufacture of men's factory clothing, four show an increase in cost over 1922 Ox-tweeds, serges etc. overcoatings including mackinaw, flannel and thread buttons and fasteners, whilst there was a reduction in the cost value of linings and trimmings and all other materials for men's and boys' clothing.

Table VI - Materials Used, by Provinces - 1923.

Materials Used	CANADA		Quebec		Ontario		Maritime provinces		Western provinces	
	Quantity	Value	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
For men's and boys' clothing -										
Tweeds, serges, etc.	Yd. 5,203,537	10,649,292	3,037,020	6,813,847	2,097,279	3,695,660	40,764	84,528	28,474	55,257
Overcoatings incl: mackinaw	Yd. 1,372,527	3,138,269	861,941	2,015,939	499,963	1,099,131	4,608	8,816	6,015	14,383
Flannel	-	354,301	-	214,230	-	140,071	-	-	-	-
Linings and trimmings	-	2,683,451	-	1,474,074	-	1,162,613	-	34,886	-	11,878
Thread buttons and fasteners	-	771,626	-	498,053	-	258,589	-	4,827	-	10,157
All other materials for men's and boys' clothing	-	657,710	-	466,702	-	187,556	-	2,032	-	1,420
For women's and girls' clothing -										
Silks, satins, velvets	Yd. 2,960	6,840	2,960	6,840	-	-	-	-	-	-
Tweeds, serges, coatings	Yd. 3,572	17,817	3,572	17,817	-	-	-	-	-	-
Cotton goods, - coloured, printed, etc.	Yd. 2,450	1,960	2,450	1,960	-	-	-	-	-	-
Cotton goods, unbleached and white	Yd. 6,600	2,000	-	-	-	-	-	-	6,600	2,000
Denims	Yd. 176,499	61,744	176,499	61,744	-	-	-	-	-	-
Linings and trimmings	-	7,446	-	7,446	-	-	-	-	-	-
Laces, braids, etc.	-	1,000	-	1,000	-	-	-	-	-	-
Thread, buttons and fasteners	-	400	-	400	-	-	-	-	-	-
All other materials for women's and girls' clothing	-	2,041	-	2,041	-	-	-	-	-	-
TOTAL	-	18,355,897	-	11,582,093	-	6,543,620	-	135,089	-	95,095

Station	Time	Lat	Long	Depth	Temperature	Direction	Force	Remarks
1	0800	34° 15' N	121° 00' E	1000	18.5	000	0.0	Clear sky, light breeze.
2	0900	34° 30' N	121° 15' E	1000	18.0	000	0.0	Light clouds, calm.
3	1000	34° 45' N	121° 30' E	1000	17.5	000	0.0	Increasing clouds, calm.
4	1100	35° 00' N	121° 45' E	1000	17.0	000	0.0	Overcast, calm.
5	1200	35° 15' N	122° 00' E	1000	16.5	000	0.0	Heavy rain, calm.
6	1300	35° 30' N	122° 15' E	1000	16.0	000	0.0	Thunderstorm, calm.
7	1400	35° 45' N	122° 30' E	1000	15.5	000	0.0	Clearing, light breeze.
8	1500	36° 00' N	122° 45' E	1000	15.0	000	0.0	Partly cloudy, light breeze.
9	1600	36° 15' N	123° 00' E	1000	14.5	000	0.0	Clear, light breeze.
10	1700	36° 30' N	123° 15' E	1000	14.0	000	0.0	Clear, light breeze.
11	1800	36° 45' N	123° 30' E	1000	13.5	000	0.0	Clear, light breeze.
12	1900	37° 00' N	123° 45' E	1000	13.0	000	0.0	Clear, light breeze.
13	2000	37° 15' N	124° 00' E	1000	12.5	000	0.0	Clear, light breeze.
14	2100	37° 30' N	124° 15' E	1000	12.0	000	0.0	Clear, light breeze.
15	2200	37° 45' N	124° 30' E	1000	11.5	000	0.0	Clear, light breeze.
16	2300	38° 00' N	124° 45' E	1000	11.0	000	0.0	Clear, light breeze.
17	0000	38° 15' N	125° 00' E	1000	10.5	000	0.0	Clear, light breeze.
18	0100	38° 30' N	125° 15' E	1000	10.0	000	0.0	Clear, light breeze.
19	0200	38° 45' N	125° 30' E	1000	9.5	000	0.0	Clear, light breeze.
20	0300	39° 00' N	125° 45' E	1000	9.0	000	0.0	Clear, light breeze.

The above data were obtained from the log of the ship's thermometer, which was read at the time of each observation. The direction and force of the wind were also noted. The temperature of the air, surface of the water, and at the depth of 1000 fathoms were recorded. The observations were made at intervals of one hour, except at the beginning and end of the day, when they were made at shorter intervals. The ship was under way from 0800 to 1900 hours, and was at anchor from 1900 to 0800 hours. The weather was generally clear, with a few light clouds in the morning. A heavy rain storm passed over the ship at 1200 hours. The wind was generally light and variable, but was calm at 1200 and 1300 hours. The sea was generally smooth, but was slightly rough at 1200 hours. The observations were made by the commanding officer, who was assisted by the first and second lieutenants. The ship was under the command of the commanding officer, who was assisted by the first and second lieutenants. The ship was under the command of the commanding officer, who was assisted by the first and second lieutenants.

THE MEN'S FACTORY CLOTHING INDUSTRY IN CANADA, 1923.

Fuel Consumption

The quantity and cost value of the various kinds of fuel consumed in the industry, during the calendar year 1923 is shown in Table VII. The total cost of all fuel used fell from \$30,548 in 1922 to \$72,323 in 1923 a decrease of \$8,225. Bituminous coal again takes first place with \$40,741, whilst anthracite follow next in order of importance with \$15,634 and gas occupies third position with \$9,386.

Table VII - Fuel Consumption - 1923.

Kinds of fuel	Unit of measure	Quantity	Cost Value \$
Bituminous coal	ton	4,518	40,741
Anthracite coal	"	1,186	15,634
Lignite coal	"	248	2,715
Coke	"	51	714
Oil (fuel)	gallon	14,120	1,534
Wood	cord	126	598
Gas	M. c. feet	10,881	9,386
Other fuel	-	-	801
TOTAL	-	-	72,323

Power Installation

The power installed in the industry for the calendar year 1923 is given in Table VIII by (a) classes of power, (b) number of units in each class and (c) the horse-power capacity according to manufacturers' rating. The total power installation in 1922 was 375 units producing 1,740 horse-power, whilst for 1923 the amount reported was 834 units developing 1,316 horse-power, - a decrease of 41 units and 424 horse-power.

Table VIII - Power Installation - 1923.

Classes of power	Number of units	Horse-power capacity
Steam engines and turbines	4	308
Gas engines	1	16
Hydraulic turbines or water wheels	1	40
Electric motors:-operated by power generated at the factory	43	101
Electric motors:-operated by purchased power	785	851
TOTAL	834	1,316

Miscellaneous Expenses

Miscellaneous expenses or overhead charges incurred in the industry during the calendar year 1923, amounted to \$4,134,704, which was \$4,593 more than the amount reported for the previous year. Miscellaneous expenses include rents, taxes of all kinds, insurance, telephone, telegraph and postal charges, advertising and travelling expenses and repairs to buildings and machinery.

Imports and Exports

Statistics of imports and exports of men's factory clothing during the calendar year 1923 are not sufficiently or distinctively designated in the Customs classification to permit of any compilation being made.



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Year	Population	Area	Population Density
1951	11,500,000	9,970,670 sq. km.	116.3
1956	12,500,000	9,970,670 sq. km.	125.4
1961	13,500,000	9,970,670 sq. km.	135.4
1966	14,500,000	9,970,670 sq. km.	145.4
1971	15,500,000	9,970,670 sq. km.	155.4
1976	16,500,000	9,970,670 sq. km.	165.4
1981	17,500,000	9,970,670 sq. km.	175.4
1986	18,500,000	9,970,670 sq. km.	185.4
1991	19,500,000	9,970,670 sq. km.	195.4
1996	20,500,000	9,970,670 sq. km.	205.4
2001	21,500,000	9,970,670 sq. km.	215.4
2006	22,500,000	9,970,670 sq. km.	225.4
2011	23,500,000	9,970,670 sq. km.	235.4
2016	24,500,000	9,970,670 sq. km.	245.4
2021	25,500,000	9,970,670 sq. km.	255.4

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1956	12,500,000	9,970,670 sq. km.	125.4
1961	13,500,000	9,970,670 sq. km.	135.4
1966	14,500,000	9,970,670 sq. km.	145.4
1971	15,500,000	9,970,670 sq. km.	155.4
1976	16,500,000	9,970,670 sq. km.	165.4
1981	17,500,000	9,970,670 sq. km.	175.4
1986	18,500,000	9,970,670 sq. km.	185.4
1991	19,500,000	9,970,670 sq. km.	195.4
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