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DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

REPORT

on the

BROOM, BRUSH & MOP INDUSTRY

in

CANADA

1923

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DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

OTTAWA - CANADA

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THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA

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Ottawa, March 1925:- A report is herewith presented on the broom, brush and mop industry in Canada during the calendar year 1923. Reports were received from 79 establishments,- an increase of 8 over the total for the previous year,- and were located by provinces as follows. Ontario, 45, Quebec, 23, British Columbia, 4, Manitoba 2, New Brunswick 2, Alberta 1, Nova Scotia 1, Prince Edward Island 1. In order not to disclose information concerning individual establishments, statistics for Manitoba, New Brunswick, Alberta, Nova Scotia and Prince Edward Island have been combined and are shown throughout this report under the head of "Other Provinces".

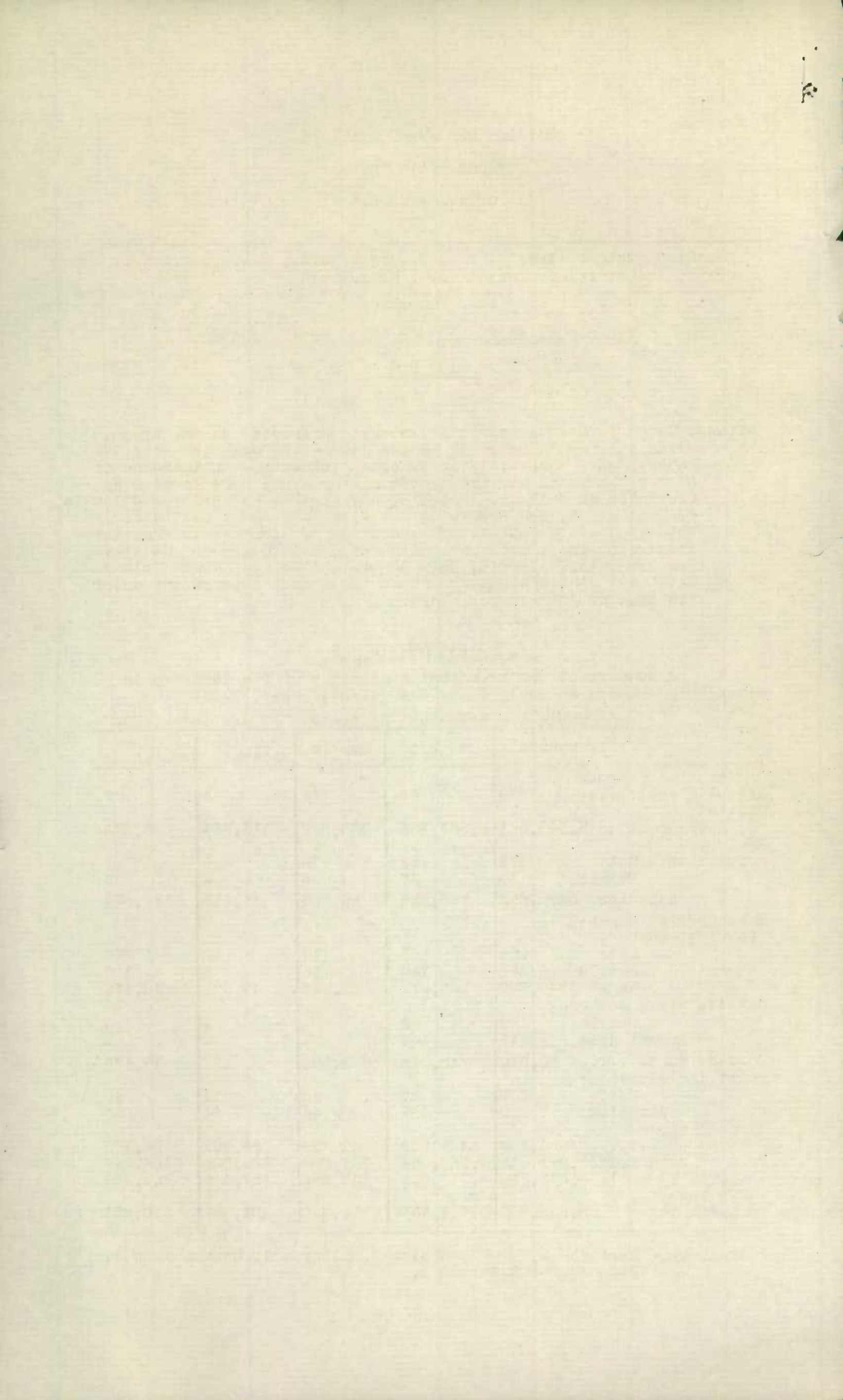
PRINCIPAL STATISTICS

A summary of the principal statistics of the industry is given by provinces in Table 1 for the calendar year, 1923.

Table 1 - Principal Statistics by provinces, 1923

	Canada	Ontario	Quebec	British Columbia	# Other Provinces
Establishments....	79	45	23	4	7
Capital					
Investment	\$ 3,543,561	2,303,783	235,588	113,654	890,536
Employees on					
Salaries - Male	176	99	18	6	51
Female	69	37	5	-	27
Salaries	\$475,573	293,623	26,803	16,813	138,534
Employees on wages:					
(Average number)					
Male	828	469	119	40	200
Female	265	140	16	9	100
Wages	\$844,799	500,835	63,914	49,571	230,479
Outside piece workers:					
Female	2	2	-	-	-
Amount paid	141	141	-	-	-
Cost of fuel.....	34,016	12,815	1,592	132	19,477
Power installation:					
Units	158	87	18	11	42
Capacity	1,500	789	46	64	601
Miscellaneous					
Expenses	\$ 585,159	354,209	41,739	36,103	154,108
Cost of Materials	\$1,991,615	1,267,064	167,800	123,205	423,546
Value of Products	\$4,577,319	3,018,821	337,252	257,449	963,797
Value added by					
Manufacture	\$2,585,704	1,751,757	169,452	124,244	540,251

Includes,- Manitoba 2, New Brunswick 2, Alberta 1, Nova Scotia 1, Prince Edward Island 1.



THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA 1923

PRODUCTION

The quantity and value of the various products of the industry are given by provinces in Table II for the calendar year 1923. The total value of production rose from \$3,909,370 in 1922 to \$4,577,319 in 1923, an increase of \$667,949. The first place in order of importance is occupied by brushes of hair or bristle with \$1,709,990, brooms follow next in order with \$1,692,241, whilst brushes of corn or fibre take third position with \$489,311.

Table II.- Production by Provinces - 1923.

Principal Products		CANADA		ONTARIO		QUEBEC		BR. COLUMBIA		OTHER PROVINCES	
		Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
Brooms	doz.	247,065	1,692,241	140,127	1,020,647	42,483	235,967	26,343	196,434	38,112	239,193
Whisks	"	44,779	92,533	36,933	73,098	2,409	6,305	1,347	3,244	4,090	9,836
Brushes of hair or bristles	"	293,275	1,709,990	241,402	1,196,020	10,580	41,754	834	10,000	40,459	462,186
" " corn or fibre	"	279,050	489,311	247,166	332,060	2,156	5,008	2,660	16,500	27,068	135,743
Twisted Wire Brushes	"	3,156	3,503	3,156	3,503	-	-	-	-	-	-
Brushes, all other	-	-	188,729	-	65,973	-	914	-	6,500	-	115,342
Mops, complete	doz.	6,792	40,406	4,516	20,621	2,076	17,298	200	2,487	-	-
" cloths	gross	1,894	39,888	1,894	39,888	-	-	-	-	-	-
" sticks	"	1,203	25,051	1,203	25,051	-	-	-	-	-	-
All Other Products	-	-	295,667	-	241,960	-	29,976	-	22,284	-	1,447
TOTAL		-	4,577,319	-	3,018,821	-	337,252	-	257,449	-	963,797

CAPITAL INVESTMENT

The capital employed in the industry for the calendar year 1923 is shown by provinces in Table III. In spite of the fact that there were eight more establishments in operation in 1923 the total capitalization as reported was \$2,955 less than the total given for the previous year. Slight expansion can be noticed for the provinces of Ontario, Quebec and British Columbia whereas the remaining five provinces together show a decline in capital investment of approximately \$100,000 over the two year period.

Table III.- Capital Employed by provinces, - 1923

Provinces	FIXED CAPITAL		WORKING CAPITAL		Total Capital
	Land, buildings & fixtures	Machinery and tools	Materials on hand, stocks in process	Cash, trading and operating accts.	
CANADA	882,248	522,427	1,452,327	686,559	3,543,561
Ontario	454,983	357,656	1,005,568	485,576	2,303,783
Quebec	76,917	31,826	69,308	57,537	235,588
British Columbia	16,801	14,372	39,843	42,638	113,654
Other Provinces	333,547	118,573	337,608	100,808	890,536

REPORT
Employees Salaries and Wages

The number of persons employed in the industry is given in Table IV for the calendar year 1923 by (a) classes of employment, (b) sex and (c) salary and wage payments. The total number of employees in all classes rose from 1194 in 1922 to 1340 in 1923 an increase of 146. The pay roll also showed a corresponding increase amounting to \$164,422 over the two year period.

Table IV.- Employees, Salaries and Wages - 1923

Classes of Employment	.Male No.	.Female. No.	Salaries & Wages
Salaried officers of corporations	28	-	118,030
General superintendents, managers	38	7	104,694
Technical experts, accountants, etc.....	13	1	20,319
Clerks, stenographers, salesmen, etc.....	97	61	232,530
Employees on wages(average number)	828	265	844,799
Outside piece workers	-	2	141
Total...	1,004	336	1,320,513

.Other Employment Statistics

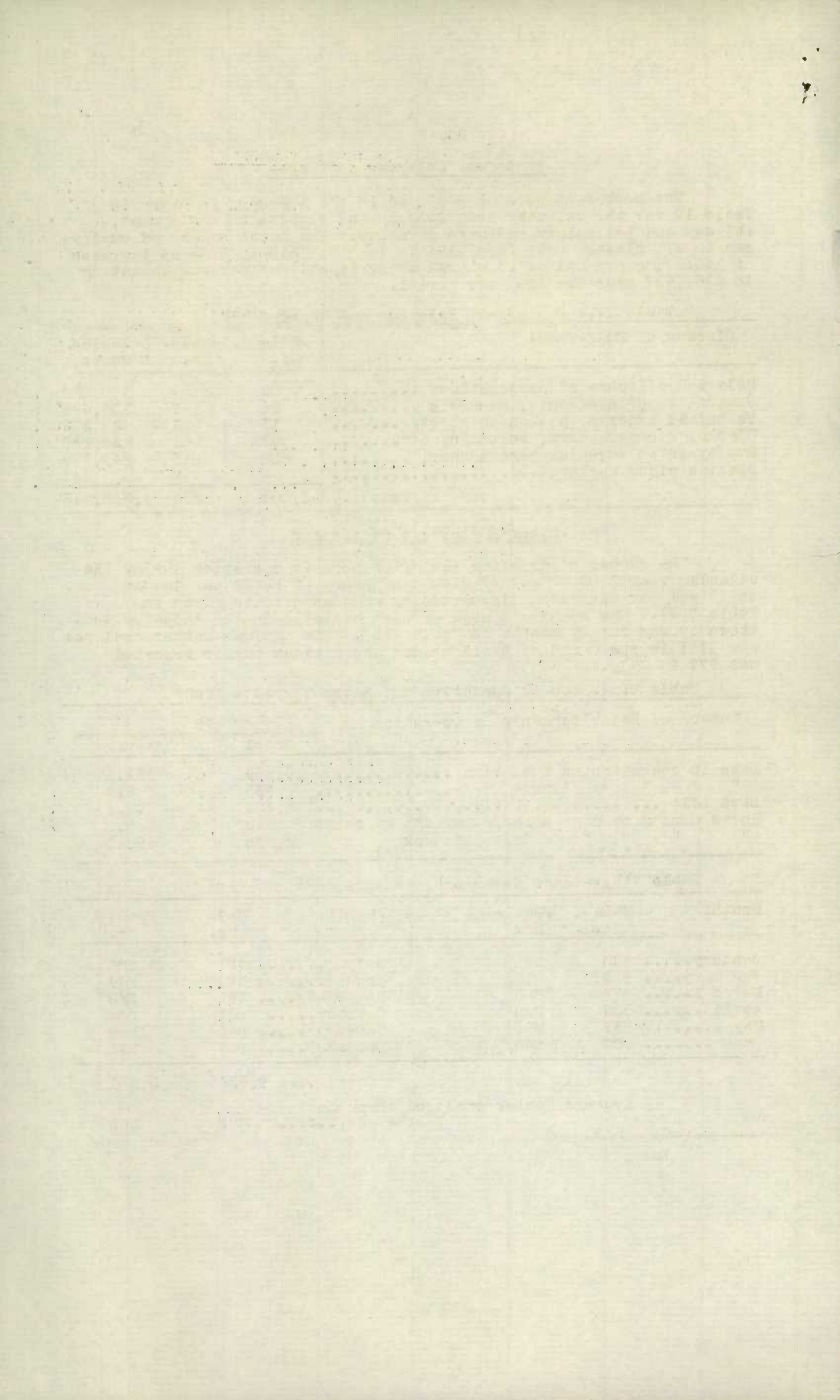
The number of days the factories were in operation during the calendar year 1923, together with the number of hours per day or shift and per week normally worked by wage earners is given in Table V(a). The number of wage earners employed in the industry is shown by sex and by months in Table V(b). The maximum number employed was 1181 in the month of April whilst the minimum number reported was 977 in July.

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

Number of Establishments in Operation	79	
	Total	Average
Days in operation on full time	19,869	251.5
" " " " part "	739	9.4
Days idle	3,408	43.1
Hours worked by wage earners-per day or shift	680	8.6
" " " " " " week	3,956	50.0

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

Months	. Male No.	. Female No.	Months	Male No.	Female No.
January.....	823	281	July	751	226
February....	853	276	August.....	777	239
March	876	285	September....	796	238
April	883	298	October.....	831	244
May	837	300	November.....	840	258
June	802	260	December.....	867	276
Total			9,936	3,181	
Average Number employed throughout the year.....			828	265	



THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA 1923

MATERIALS USED

The quantity and value of the principal materials entering into the manufacture of brooms, brushes and mops is given by provinces in Table VI for the calendar year 1923. The total cost value of all materials used in 1922 was \$1,654,235. For the period covered by the report the amount was \$1,991,615, an increase of \$337,380.

Table VI.- MATERIALS USED BY PROVINCES - 1923.

Principal Materials		CANADA		ONTARIO		QUEBEC		PR. COLUMBIA		OTHER PROVINCES	
		Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
Broom, corn	lb.	5,538,903	762,066	3,097,047	455,631	818,694	107,533	577,095	66,072	846,067	112,780
Handles	No.	5,002,825	187,235	3,739,213	133,241	475,428	15,102	319,431	15,429	468,753	23,463
Twine	lb.	59,288	33,445	31,298	18,109	13,413	6,836	5,826	3,888	8,751	4,612
Wire (brass, steel, etc)	"	521,379	33,410	534,236	23,496	41,835	3,155	29,538	2,273	115,750	4,436
Tacks	"	12,956	901	10,147	724	1,509	119	300	25	980	36
Staples	"	11,525	1,644	8,164	1,134	1,401	302	1,547	251	413	57
Velveteen	yds.	6,890	4,279	4,044	2,123	253	178	1,417	706	1,176	1,272
Lumber	m.ft.	1,217	34,811	305	14,510	23	891	20	700	829	18,110
Fibres	lb.	450,214	67,764	370,527	54,547	8,371	1,472	15,000	3,000	56,343	10,615
Bristles	"	287,973	386,490	168,407	269,427	1,758	4,433	1,000	2,000	116,808	110,630
Horse hair	"	59,704	63,674	34,033	39,392	6,224	6,224	1,800	1,800	17,647	16,258
Blocks	no.	801,306	54,982	310,683	31,201	106,163	1,558	--	--	384,460	22,223
Backs for brushes	"	175,886	12,935	84,046	3,728	76,665	8,600	--	--	15,175	607
Tin	lb.	58,378	7,661	37,206	3,217	--	--	--	--	21,172	4,411
Spun and plied yarns	"	135,098	38,176	135,098	38,176	--	--	--	--	--	--
Cottons	--	--	31,079	--	26,095	--	2,072	--	2,912	--	--
All other materials including containers	--	--	251,063	--	142,153	--	9,425	--	14,149	--	85,956
TOTAL	--	--	1,991,615	--	1,267,064	--	167,800	--	153,205	--	423,546

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 expenditure for all fuel rose from \$29,571 in 1922 to \$34,016 in 1923, an increase of \$4,445.

Table VII.- Fuel Consumption - 1923

Kinds of Fuel	Unit of Measure	Quantity	Cost Value
Bituminous Coal	Ton	3,382	29,132
Anthracite Coal	"	92	1,545
Coke	"	52	625
Gasoline	Gallon	325	128
Wood	Cord	152	1,274
Gas	N.c.ft.	429	518
Other Fuel	-	-	796
TOTAL	-	-	34,016

Power Installation

The power installed in broom, brush and mop factories in 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.

Table VIII - Power Installation - 1923

Classes of Power	Number of Units	Horse-power Capacity
Steam engines and turbines	8	462
Gas engines	2	15
Oil and gasoline engines	1	3
Electric motors operated by power generated at the factory	63	519
Electric motors operated by purchased power	84	501
TOTAL	158	1,500

Miscellaneous Expenses

The miscellaneous expenses or overhead charges incurred in the industry during the calendar year 1923 fell from a total of \$607,115 in 1922 to \$586,159 for the period covered by this report, a decrease of \$20,956. 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 raw or partly manufactured materials, and finished brooms and brushes imported into and exported from Canada during the calendar year 1923 will be found in Table 1X.

Table 1X(a) - Imports - 1923

Articles Imported	United Kingdom	United States	Other Countries
<u>Raw or partly manufactures and materials:-</u>			
Broom, corn	-	799,230	4,022
Bristles, animal	65,453	317,538	27,285
<u>Manufactured articles:-</u>			
Brushes, paint & varnish	21,145	16,921	3,861
" toilet	77,021	109,192	323,135
" all other, n.o.p.	35,957	175,551	17,529
Brooms and whisks	922	9,938	693
Total	200,498	1,428,170	376,525

Table 1X(b) - Exports - 1923

Articles Exported	United Kingdom	United States	Other Countries
Brushes of all kinds	42,257	1,606	55,583
Brooms and whisks	2,750	4,693	19,719
Total	45,007	6,299	73,302

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