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

REPORT
on the
BROOM, BRUSH & MOP INDUSTRY
in
CANADA
1927

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Published by Authority of the Hon. James Malcolm, M.P.,
Minister of Trade and Commerce

+ + +

OTTAWA

1929

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
OTTAWA - CANADA

Dominion Statistician: R. H. Coats, B.A., F.S.S., (Hon), F.R.S.C.
Chief, Industrial Census: J. C. Macpherson

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1927

Ottawa, February, 1929.- A report is herewith presented on the Broom, Brush and Mop Industry in Canada during the calendar year 1927. There were 80 establishments in operation and were located by provinces as follows:- Ontario, 42; Quebec, 23; British Columbia, 5; New Brunswick, 2; Nova Scotia, 1; Prince Edward Island, 1; Manitoba, 3; Saskatchewan, 2; Alberta, 1. To prevent disclosure of information concerning the operations of individual establishments, statistics for the provinces of New Brunswick, Nova Scotia and Prince Edward Island have been combined under the head of "Maritime Provinces." Similar procedure has been adopted regarding Saskatchewan and Alberta, these being shown as "Prairie Provinces."

PRINCIPAL STATISTICS

A summary of the principal statistics of the industry is given in Table 1 for the calendar year 1927.

Table 1. - Principal Statistics, 1927.

	Broom Factories	Brush Factories	Broom & Brush Factories	Mop Factories	All Factories
Establishment	No. 50	22	4	4	80
Capital Investment	\$ 922,213	1,733,054	1,251,985	69,393	3,976,645
Employees on Salaries -					
Male	No. 50	64	62	5	181
Female	No. 15	35	16	2	68
Salaries	\$ 84,281	179,220	192,393	12,667	468,561
Employees on wages (average number)-					
Male	No. 368	247	252	21	888
Female	No. 38	113	76	6	233
Wages	\$ 272,632	307,533	222,521	18,246	820,932
Outside piece-workers -					
Male	No. 2	-	-	-	2
Amount paid	\$ 999	-	-	-	999
Cost of fuel and electricity	\$ 9,537	10,428	24,295	1,052	45,312
Power installation -					
Units	No. 74	66	51	9	200
Capacity	H.P. 317	532	739	50	1,638
Cost of materials	\$ 534,461	618,564	571,268	65,679	1,789,972
Gross value of products	\$ 1,113,804	1,849,597	1,120,303	143,973	4,227,677
Net value of products	\$ 579,343	1,231,033	549,035	78,294	2,437,705

THE UNITED STATES OF AMERICA
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 WASHINGTON, D. C. 20250

FEDERAL LAND MANAGEMENT PLAN FOR THE
 [Area Name]

THE [Area Name]

This plan is designed to provide for the multiple use of the public lands in the [Area Name] in a manner that will protect the values of the land and provide for the enjoyment of the people. The plan is based on the following principles:

1. The public lands are the property of the people and should be managed for their benefit.
2. The public lands should be managed in a manner that will protect the values of the land and provide for the enjoyment of the people.
3. The public lands should be managed in a manner that will provide for the future generations.

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4	Management Plan	4	Management Plan	4	Management Plan
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In view of the tendency towards concentration in industrial enterprises, a series of tables has been prepared presenting in a threefold way the size of establishments in the broom, brush and mop industry measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed, all within certain specified groups or limitations for the calendar years 1926 and 1927. The tables further indicate the movement of capital, production and employment within the industry.

In 1926 the number of establishments reporting was 81 with a total capital investment of \$3,966,269, - a gross value of production of \$4,016,674 and a total employment of 1,319. Fifteen establishments had a capital investment of \$3,231,994 or 81.5 per cent of the total capital investment and an average investment of \$215,466 per factory. In gross value of production 15 factories had a total production of \$3,154,811 or 78.5 per cent of the total output, with an average production of \$210,321 per establishment. In employment 19 establishments had 1,012 persons on the payroll or 76.7 per cent of the total employment with an average employment of 53 per factory.

In 1927 the number of establishments reporting was 80 with a total capitalization of \$3,976,645, - a gross value of production of \$4,227,677 and a total employment of 1,370. Fourteen factories had a total capital investment of \$3,152,570 or 79.2 per cent of the total capitalization with an average investment of \$225,184 per establishment. Eighteen establishments had a gross value of production of \$3,444,276 or 81.4 per cent of the total output with an average production of \$191,349 per establishment. In employment 19 factories had 1,072 persons on the payroll, - an average of 56 persons per establishment and 78.2 per cent of the total employment.

Groups of Values	Capital			Capital		
	1926			1927		
	Estab- lish- ments.	Total Capital	Average per es- tablish- ment	Estab- lish- ments.	Total Capital	Average per es- tablish- ment
	No.	\$	\$	No.	\$	\$
Under \$50,000	66	734,275	11,125	66	824,075	12,486
\$50,000 to under \$100,000	9	662,743	73,638	8	524,329	65,541
\$100,000 to under \$200,000	1	193,800	193,800	1	187,115	187,115
\$200,000 to under \$500,000	4	1,726,308	431,577	2	742,437	371,218
\$500,000 to under \$1,000,000	1	649,143	649,143	3	1,698,689	566,229
\$1,000,000 and over	-	-	-	-	-	-
TOTAL	81	3,966,269	48,966	80	3,976,645	49,708

Groups of Values	Production			Production		
	1926			1927		
	Estab- lish- ments.	Average value of production	Average Value	Estab- lish- ments.	Average value of production	Average Value
	No.	\$	\$	No.	\$	\$
Under \$50,000	66	861,863	13,058	62	783,401	12,636
\$50,000 to under \$100,000	6	458,724	76,454	11	772,445	70,223
\$100,000 to under \$200,000	3	322,959	107,653	1	101,939	101,939
\$200,000 to under \$500,000	4	1,214,927	303,732	4	1,307,499	326,875
\$500,000 to under \$1,000,000	2	1,158,201	579,100	2	1,262,393	631,196
\$1,000,000 and over	-	-	-	-	-	-
TOTAL	81	4,016,674	49,588	80	4,227,677	52,846

Groups of Employees	Employment			Employment		
	1926			1927		
	Estab- lish- ments.	Total Employ- ees	Average Employ- ees.	Estab- lish- ments.	Total Employ- ees	Average Employ- ees
	No.	No.	No.	No.	No.	No.
Under 20	62	307	5	61	298	5
20 to under 50	14	385	27	14	424	30
50 but under 100	3	260	86	2	179	89
100 but under 200	1	141	141	2	253	116
200 but under 500	1	226	226	1	216	216
500 and over	-	-	-	-	-	-
TOTAL	81	1,319	16	80	1,370	17

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THE BRUSH, BROOM AND MOP INDUSTRY IN CANADA

1927.

3.

Production

The quantity and value of the various kinds of brooms, brushes and mops manufactured during the calendar year 1927 is given by provinces in Table II. The total value of production rose from \$4,016,674 in 1926 to \$4,227,677 in 1927, an increase of \$211,003. In order of importance brooms occupy the premier position with \$1,340,585 followed by brushes, paint, with \$1,040,905, whilst brushes made of hairs or bristles take third place with \$607,385.

Table II.- Production, by provinces, 1927.

Principal Products		CANADA		Ontario		Quebec	
		Quant.	Value	Quant.	Value	Quant.	Value
Brooms	Doz.	259,153	\$ 1,340,585	119,907	\$ 661,392	64,503	\$ 301,842
Whisks	"	40,454	79,225	34,652	69,701	1,724	2,830
Brushes made of hair or bristles	"	82,425	580,229	72,136	562,545	911	6,438
Brushes, tooth	"	10,530	27,156	10,530	27,156	-	-
Brushes made of corn or fibre	"	293,875	453,092	251,006	285,347	4,700	49,000
Brushes, paint	"	283,312	1,040,905	177,357	661,212	-	-
Brushes, all other	"	-	162,933	-	52,449	-	20,363
Mops, all kinds	"	54,542	358,506	27,254	233,441	23,437	107,220
All other products	-	-	185,046	-	145,505	-	15,582
TOTAL		-	4,227,677	-	2,698,348	-	503,275

		British Columbia		Manitoba		Maritime Provinces		Other Prairie Provinces	
		Quant.	Value	Quant.	Value	Quant.	Value	Quant.	Value
Brooms	Doz.	18,868	\$ 107,450	22,419	\$ 96,224	28,208	\$ 143,130	5,248	\$ 30,547
Whisks	"	1,237	2,434	-	-	2,841	4,260	-	-
Brushes made of hair or bristles	"	1,007	8,040	-	-	8,371	3,206	-	-
Brushes, tooth	"	-	-	-	-	-	-	-	-
Brushes made of corn or fibre	"	3,778	32,038	13,330	18,000	21,061	68,707	-	-
Brushes, paint	"	-	-	-	-	105,955	379,693	-	-
Brushes, all other	"	-	10,685	-	-	-	79,436	-	-
Mops, all kinds	"	1,113	12,219	-	-	2,738	5,626	-	-
All other products	-	-	24,359	-	-	-	-	-	-
TOTAL		-	197,225	-	114,224	-	684,058	-	30,547

Capital Investment

The total capital employed in the industry during the calendar year 1927 is shown by provinces in Table III. The total capitalization rose from \$3,966,269 in 1926 to \$3,976,645 in 1927, an increase of \$10,376.

Table III.- Capital employed, by provinces, 1927.

Provinces	Fixed Capital Land, buildings, fixtures, mach- inery, etc.	Working Capital		Total Capital
		Materials on hand, stocks, etc.	Cash, trad- ing & oper- ating accounts	
CANADA	\$ 1,587,345	\$ 1,622,099	\$ 767,201	\$ 3,976,645
Ontario	986,754	1,084,044	503,207	2,574,005
Quebec	147,543	119,618	105,192	372,353
British Columbia	62,730	59,340	27,821	149,891
Manitoba	69,207	31,957	30,890	132,054
Maritime Provinces	311,913	316,684	97,608	726,205
Other Prairie Provinces	9,198	10,456	2,483	22,137

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Employees, Salaries and Wages.

The number of persons employed in the industry during the calendar year 1927 is given in Table IV by (a) classes of employment, (b) sex and (c) salary on wage payments. The total number of employees in all classes rose from 1,322 in 1926 to 1,372 in 1927, an increase of 48. There was a corresponding increase in the payroll, in 1926 the total being \$1,235,381 whilst the amount reported for 1927 was \$1,390,492, an increase of \$54,112. A further table IV(b) gives the statistics of employment of provinces.

Table IV(a). - Employees, salaries and wages, 1927.

Classes of Employment	Male No.	Female No.	Salaries and Wages \$
Employees on salaries	181	68	468,561
Employees on wages	888	233	820,932
Outside piece workers	2	-	999
TOTAL	1,071	301	1,290,492

Table IV(b). - Employees, Salaries and Wages, by provinces, 1927.

	Employees on Salaries			Employees on Wages			Totals	
	Male	Female	Salaries	Male	Female	Salaries	Employees.	Salaries & Wages
	No.	No.	\$	No.	No.	\$	No.	\$
Ontario	94	42	267,260	471	142	510,565	749	777,825
Quebec	19	12	30,820	193	23	111,400	247	142,220
British Columbia	9	3	17,900	37	7	47,987	56	65,887
Manitoba	4	-	5,535	52	-	33,899	56	39,434
Maritime Provinces	51	11	142,026	125	57	110,983	244	253,009
Other Prairie Provinces	4	-	5,020	10	4	6,098	18	11,118
TOTAL	181	68	468,561	888	233	820,932	1,370	1,289,493

Other Employment Statistics.

The number of days the factory were in operation during the calendar year 1927 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 1,161 in the month of April whilst the minimum number reported was 1,033 in August.

Table V(a). - Days in operation and hours worked, 1927.

	80	
	Total	Average per establishment
Number of establishments in operation		
Days in operation on full time	21,052	263.2
Days in operation on part time	980	12.2
Days idle	2,288	28.6
Hours worked by wage earners per day or shift	698	8.7
Hours worked by wage earners per week	3,901	48.8

Table V(b). - Wage earners by months, 1926.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	871	256	July	858	209
February	883	252	August	833	200
March	901	254	September	872	214
April	913	248	October	895	222
May	900	240	November	897	221
June	886	228	December	874	230
Total				10,583	2,774
Average number employed during the year				888	233

Materials Used.

The quantity and value of the various materials used in the industry is given by provinces in Table VI for the calendar year 1927. The total cost of all materials rose from \$1,745,835 in 1926 to \$1,789,972 in 1927, an increase of \$44,137.

Table VI. - Materials used, by provinces, 1927.

Principal Materials	CANADA		Ontario		Quebec	
	Quantity	Cost Value	Quantity	Cost Value	Quantity	Cost Value
		\$		\$		\$
Broom making materials -						
Broom corn lb.	5,648,118	458,894	3,040,859	224,786	1,110,203	86,382
Handles No.	3,135,569	115,771	1,560,802	61,231	716,525	23,106
Twine lb.	59,336	29,689	29,733	15,157	13,249	6,106
Wire "	294,248	16,219	176,446	9,151	49,698	2,766
Tacks "	8,387	691	3,663	324	1,904	162
Staples "	12,159	1,517	5,877	721	3,389	417
Velveteen yd.	6,317	2,732	3,344	1,373	745	325
All other materials	-	61,548	-	24,612	-	8,075
Brush making materials -						
Handles No.	4,709,977	144,580	3,187,847	64,864	102,000	7,924
Fibres lb.	597,656	102,480	379,818	66,145	69,248	12,351
Bristles "	282,087	396,628	198,216	277,463	10,456	13,915
Horse Hair "	74,006	77,234	58,542	61,404	4,564	4,269
Wire (all kinds)	-	17,584	-	15,064	-	1,154
Blocks No.	1,123,877	74,723	240,739	24,192	364,530	4,916
Backs for brushes "	124,300	8,285	16,900	1,285	45,000	3,000
Tin lb.	28,249	5,445	18,609	3,517	500	100
All other material	-	275,952	-	169,428	-	42,185
TOTAL	-	1,789,972	-	1,020,717	-	217,153

Principal Materials	British Columbia		Manitoba		Maritime Provinces		Other Prairie Provinces	
	Quant.	Cost Value	Quant.	Cost Value	Quant.	Cost Value	Quant.	Cost Value
		\$		\$		\$		\$
Broom making materials -								
Broom corn lb.	439,158	43,044	360,910	34,852	599,878	59,741	97,120	10,089
Handles No.	225,918	8,951	231,350	5,894	327,274	13,628	67,700	2,961
Twine lb.	5,644	3,177	4,181	2,358	5,077	2,087	1,452	804
Wire "	20,980	1,413	18,897	1,285	23,292	1,257	4,935	347
Tacks "	520	34	500	60	450	32	1,350	79
Staples "	1,531	218	700	85	462	46	200	30
Velveteen yd.	900	279	668	415	317	162	343	178
All other materials	-	10,789	-	1,361	-	16,010	-	701
Brush making materials -								
Handles No.	42,240	2,830	6,650	400	1,371,240	68,562	-	-
Fibres lb.	42,400	5,920	15,000	1,650	91,190	16,414	-	-
Bristles "	1,875	4,870	-	-	71,540	100,380	-	-
Horsehair "	2,700	2,950	-	-	8,200	8,611	-	-
Wire, (all kinds)	-	540	-	200	-	626	-	-
Blocks No.	6,048	640	100,000	2,000	412,560	42,975	-	-
Backs for brushes "	62,400	4,000	-	-	-	-	-	-
Tin lb.	-	-	-	-	9,140	1,828	-	-
All other materials	-	11,192	-	770	-	52,377	-	-
TOTAL	-	100,847	-	51,330	-	384,736	-	15,189

Fuel Consumption.

The quantity and cost value, delivered at the factory, of the various classes of fuel and electricity used in this industry are shown in Table VII for the calendar year 1927. Coal of all kinds represented 83.4 per cent of the total cost of all fuel exclusive of electricity. Electricity purchased amounted to \$19,247, as compared with \$22,005 in 1926.

Table VII.- Fuel Consumption, by classes, 1927.

Classes of fuel	Unit of Measure	Quantity	Cost Value at Factory
Bituminous coal	ton	2,567	19,852
Anthracite coal	"	190	1,802
Lignite coal	"	8	96
Coke	"	114	1,320
Gasoline	Gallon	1,474	538
Oil (Fuel)	"	10	3
Wood	Cord	109	885
Gas	M.C. ft.	1,064	959
Other fuel	-	-	610
Electricity	-	-	19,247
TOTAL	-	-	45,312

Power Installation.

The power installed in brush and broom factories during 1927 is shown in Table VIII, by classes, number of units in each class and the horsepower according to manufacturers' rating. Electric motors operated by purchased power provided over 73.4 per cent of the motive power in the entire industry.

Table VIII. - Power Installation, by classes, 1927.

Classes of Power	No. of Units	Horsepower according to manufacturers' rating
Steam engines and turbines	7	435
Electric motors operated by purchased power	193	1,203
Total power used in manufacturing	200	1,638

Imports and Exports.

Imports of brushes and brooms are shown in Table IX by countries for the calendar year 1927. Raw materials were imported to the value of \$702,288 and manufactured goods to the value of \$863,313.

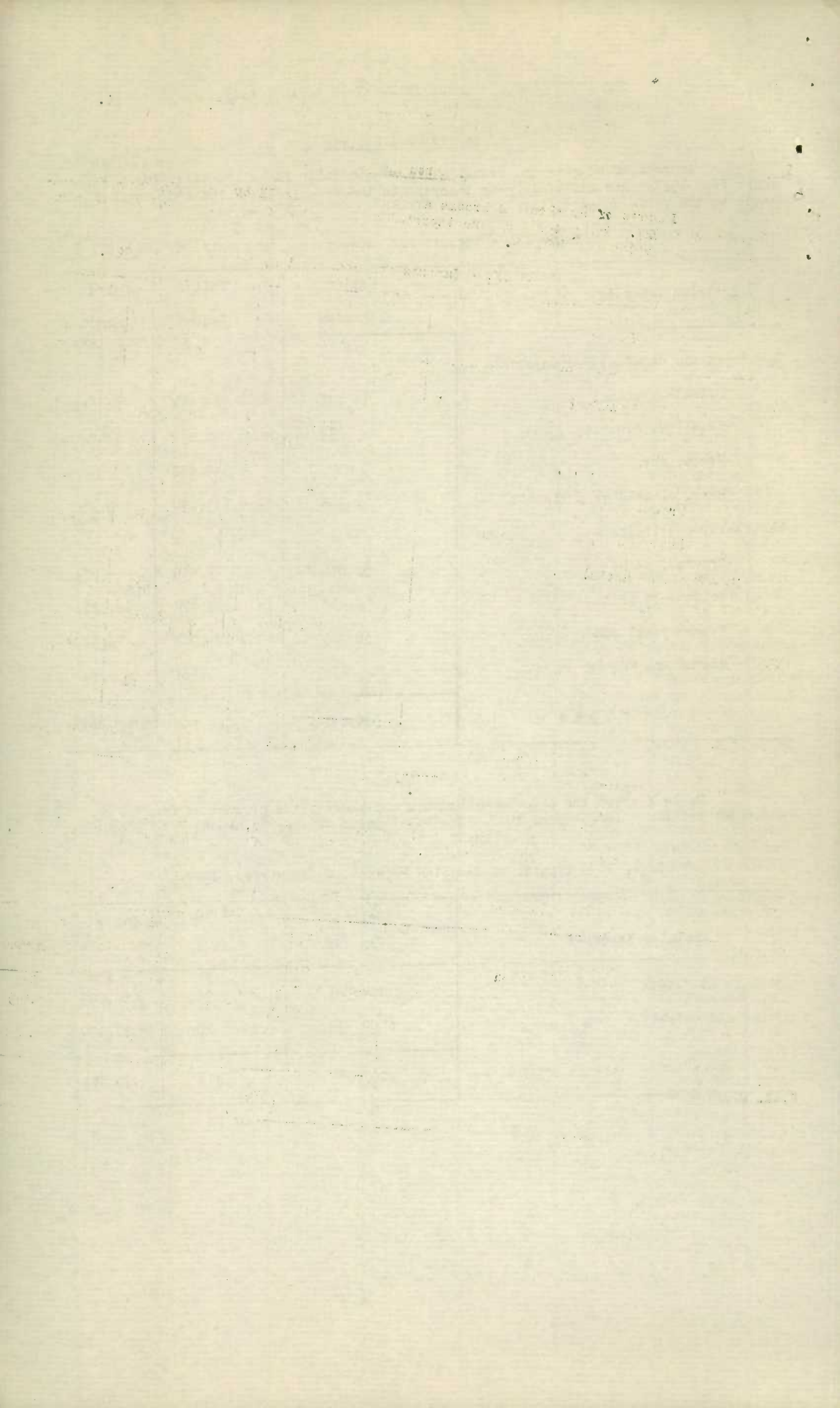
Table IX. - Imports for consumption, by countries, 1927.

Articles Imported	United Kingdom	United States	Other Countries
	\$	\$	\$
Raw or partly manufactured materials -			
Bristles, animal	13,226	288,334	86,662
Bristles, n.o.p.	239	1,832	-
Broom, corn	-	349,858	-
Hair, cleaned or uncleaned	308	113,434	9,420
Manufactured articles -			
Brushes, paint	52,086	5,835	8,279
Brushes, toilet	58,412	72,414	181,811
Brushes, all other	50,485	174,982	38,580
Brooms and whisks	295	5,561	1,048
TOTAL	175,051	1,064,750	325,800

Table X shows the exports of brushes and brooms, the produce of Canada, by countries for the calendar year 1927. The total value of exports amounted to \$186,678.

Table X. - Exports of Canadian Produce, by countries, 1927.

Articles Exported	United Kingdom	United States	Other Countries
	\$	\$	\$
Brushes, all kinds	104,501	90	68,299
Brooms and whisks	2,574	20	11,194
TOTAL	107,075	110	79,493



Firms Manufacturing Brooms, Brushes and Mops in Canada, 1927.

PRINCE EDWARD ISLAND.

The Lohnes Broom Mfg. Co.	35 Queen Street	Charlottetown
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NOVA SCOTIA.

Canadian National Institute for the Blind	172 Almon St.	Halifax
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NEW BRUNSWICK.

Ideal Brush Co. of Canada, Ltd.	Main Street	Hartland
T. S. Simms & Co. Ltd.	Main Street	Fairville, St. John County

QUEBEC.

American Broom Works		St. Basile
C. Auclair & Freres	112 Bigaouette St.	Quebec
B. Bourassa		St. Raymond
Canada Broom Co.	112 Nazareth St.	Montreal
J. L. A. Carbonneau		Yamachiche
Dominion Brush Mfg. Co., Ltd.	89 Marie Anne E.	Montreal
Fabrique Balais de Sorel	107 rue Sophie	Sorel
International Broom Co., Ltd.	St. Basile de Portneuf	Portneuf County.
Gelinas, Onias	119 Belanger	Montreal
La Cie Jacques Cartier Enrg.	178 Dollard	Quebec
La Fabrique de Balais de Granby	Box 271	Granby
La Manufacture de Balais Montmagny Enrg.	Box 171, St. Nicholas	Montmagny
National Broom Co.	10 Arago St.	Quebec
Mann Brush Mfg. Co.	55 Rachel St. E.	Montreal
Montreal Association for the Blind	6980 Sherbrooke, W.	Montreal
Royal Broom Mfg. Co.	1238 ave. de l'Eglise	Montreal
Standard Broom & Brush Co.	866 Craig St., E.	Montreal
Wheeler Broom, Mop and Life Belt Co.	653 St. Paul, W.	Montreal
L'Atelier des Aveugles, Nazareth	1425 Mance St.,	Montreal
P. Lupien	7 rue St. George	Drummondville
Harold E. Smith	731 St. James St.	Montreal

ONTARIO.

John Adam & Son	Oak St.	Collingwood
The Boeckh Company, Ltd.	158-168 Adelaide W.	Toronto, 2
Brantford Brush Works	24 Grand St.	Brantford
Frank Burdette	129-133 McNab, N.	Hamilton
Canadian National Institute for Blind	331 Wellington St.	Ottawa
Canadian National Institute for Blind	1074 Queen St., E.	Toronto, 8.
City Broom Factory	79 Oxford	London
Maxwell J. Latam	5 Poplar St.	Lemington
E. G. Crawford	39 Britannia	Stratford
Dominion Toilet Brush Co. Ltd.	Main St.	Morrisburg
Fort William Broom Mfg. Co.	710 McTavish	Fort William
Fuller Brush Co., Ltd.	Sherman Ave., N.	Hamilton
Gibson Broom Co.	168-170 Christie	Toronto, 4
John R. Gard	154 Wilson Ave.	London
D. Strang	856 5th Ave., E.	Owen Sound
Wilson Broom Co.	Jane St.	Ridgetown
C. E. Bailey	33 Harvey St.	Ottawa
E. L. Martin	112 Birch Avenue	Hamilton
Irwin Hamel	16 Noecker St.	Waterloo
John R. Haslam	211 Victoria Road	Tecumseh
Kingston Broom Co.	400 King St.	Kingston
London Brush Co.	86 King St.	London
McQuillan, Mrs. Sarah	215 Simcoe St.	Peterboro
Meakins & Sons, Ltd.	King St., E.	Hamilton
B. W. Moyer		Bloomingdale
A. Muirhead Co., Ltd.	217 King St., E.	Toronto, 2

APPENDIXFirms Manufacturing Brooms, Brushes and Mops in Canada, 1927.ONTARIO (Cont'd.)

Walter Pearson	242 Liverpool St.	Guelph
Perfection Sanitary Brush Co.	1118 Queen St., W.	Toronto, 3
Royal Broom Co.	King St., W.	Ingersoll
Royal Brush Co., Ltd.	43 Main St., E.	Hamilton
Rubberset Co., Ltd.	94 Wellington St.	Toronto, 2
	Gravenhurst	
Andrew T. Schiedel	61 King St., E.	Kitchener
Sterling Broom Co.	60 Perth St.	Guelph
Stevens-Hepner Co., Ltd.		Port Elgin
Twisswire Brushes Ltd.	143 Berkley St.	Toronto, 2
Waterloo Broom & Brush Co.	34 Bridgeport Rd.	Waterloo
Frank Wehrle	1701 Dundas W.	Toronto, 3
West Taylor Bickle & Co., Ltd.		Norwich
Walter Woods Ltd.	82 McNab St., N.	Hamilton
Brown Broom Mfg. Co.	174 Euclid Ave.	Toronto, 3
George Brandon	67 Beechwood Ave.	Hamilton

MANITOBA.

Standard Mfg. Co. Ltd.	744 Wall St.	Winnipeg
Canadian National Institute for the Blind	52 Gertie St.	Winnipeg
Home Brush Works Ltd.	592 Notre Dame Ave.	Winnipeg

SASKATCHEWAN.

Regina Broom & Brush Factory, Ltd.	1326 Atkinson St.	Regina
Queen City Broom Works, Ltd.	1813 Wallace St.	Regina

ALBERTA.

Edmonton Broom Mfg. Co.	10515 - 97th St.	Edmonton
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BRITISH COLUMBIA.

B. C. Brush Works Ltd.	891 Cambie St.	Vancouver
Crown Broom Works, Ltd.	304 First Ave., E.	Vancouver
Richwell Brush Mfg. Co., Ltd.	1068 Edmonds St.	New Westminster
Western Broom Works	631 - 15th E.	Vancouver

Mop Manufacturers.

Joseph E. Huard	137 St. Peter St.	Montreal, Que.
Novo Oil Co.	1726 Foupart St.	Montreal, Que.
Tarbox Bros, Ltd.	14 Morrow Ave.	Toronto, Ont.
Dust Control Co.	2246 Commercial Drive	Vancouver, B. C.

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