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Minister of Trade and Commerce.

CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

REPORT
ON THE
BROOM, BRUSH & MOP INDUSTRY
IN
CANADA
1940



OTTAWA
1942

Price 15 cents

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH
OTTAWA - CANADA

Dominion Statistician:	R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
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THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

A report on the broom, brush and mop industry in Canada during the calendar year 1940 is presented herewith.

In that year there were 83 establishments in operation which were located by provinces as follows: New Brunswick 1, Quebec 27, Ontario 41, Manitoba 5, Saskatchewan 2, Alberta 1, and British Columbia 6. To avoid divulging information concerning individual establishments, it has been necessary to combine statistics for the provinces of New Brunswick, Manitoba, Saskatchewan and Alberta which are shown throughout the report as "Other Provinces."

These 83 factories had a total capital investment of \$4,531,951, provided employment to 1,536 persons who received \$1,598,818 in salaries and wages. The sum of \$2,848,321 was expended for materials used, whilst the total output was valued at \$5,718,941.

The principal items of production in order of importance as represented by the total selling value at the factory were: paint brushes \$1,396,282, Corn brooms \$1,021,851, mops, all kinds \$567,369 and brushes for household use \$564,000.

Compared with the previous year there was an increase of \$316,491 in the capital invested, \$222,810 in the salaries and wages paid, \$677,824 in the cost of materials used and \$1,221,898 in the gross value of the products.

The value of the imports of brooms and brushes and principal materials used by the industry was \$1,872,842 in 1940 as compared with \$1,409,524 in 1939. Tooth brushes and toilet brushes together formed the greatest item and were valued at \$232,082 in 1940. Broom corn and bristles valued at \$1,117,877 were the chief raw materials imported.

Exports of this industry in 1940 were valued at \$233,246 of which \$218,565 represented the value of brushes of all kinds.

Detailed statistics of production, materials used, capital, employment, power and fuel consumption, imports and exports are given in the tables following.

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Table 1. - Principal Statistics, 1930 - 1940.

Year and Provinces	Estab-lish-ments	Capital Invested	Em-ployees	Salaries and Wages	Cost of materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1930	76	4,109,862	1,343	1,252,668	1,802,881	4,135,739
1931	76	3,929,871	1,347	1,234,443	1,502,280	3,770,464
1932	82	3,831,288	1,339	1,083,127	1,254,648	2,950,076
1933	81	3,724,636	1,374	1,033,983	1,089,807	2,713,776
1934	77	3,713,438	1,350	1,033,660	1,327,505	3,120,481
1935	78	4,091,164	1,417	1,137,955	1,548,433	3,461,474
1936	79	4,142,485	1,370	1,189,856	1,697,968	3,772,487
1937	84	4,351,652	1,472	1,338,990	1,931,924	4,334,993
<u>1938</u>						
CANADA	79	4,244,039	1,384	1,280,862	1,863,857	4,121,310
Quebec	27	390,176	244	170,034	219,835	477,994
Ontario	38	2,754,762	798	751,581	1,198,908	2,728,962
British Columbia	6	228,326	102	81,972	102,582	220,376
Other Provinces	8	870,775	240	277,275	342,532	693,978
<u>1939</u>						
CANADA	80	4,215,460	1,446	1,376,008	2,170,497	4,497,043
Quebec	29	448,137	278	194,826	309,085	576,744
Ontario	36	2,719,995	820	814,579	1,261,957	2,798,348
British Columbia	6	245,462	99	83,440	95,172	221,390
Other Provinces	9	801,866	249	283,163	504,283	900,561
<u>1940</u>						
CANADA	83	4,531,951	1,536	1,598,818	2,848,321	5,718,941
Quebec	27	604,481	292	224,557	468,563	802,911
Ontario	41	2,838,176	897	922,805	1,638,537	3,448,817
British Columbia	6	206,354	89	74,252	90,612	198,656
Other Provinces	9	882,940	258	377,204	650,609	1,268,557

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Table 2. - Comparison of Principal Statistics, 1939 and 1940.

Items	1939	1940	+ Increase - Decrease
Establishments reporting No.	80	83	+ 3
Capital invested \$	4,215,460	4,531,951	+ 316,491
Employees on salaries -			
Total No.	339	347	+ 8
Male No.	250	248	- 2
Female No.	89	99	+ 10
Total salaries \$	545,456	614,419	+ 68,963
Employees on wages -			
Monthly average No.	1,107	1,189	+ 82
Male No.	891	914	+ 23
Female No.	216	275	+ 59
Total wages \$	830,552	984,399	+ 153,847
Power equipment -			
Units No.	516	575	+ 59
Horse-power capacity H.P.	1,817	1,837	+ 20
Cost of fuel and electricity .. \$	46,516	52,366	+ 5,850
Cost of materials used \$	2,170,497	2,848,321	+ 677,824
Gross value of production \$	4,497,043	5,718,941	+ 1,221,898
Value added by manufacture x .. \$	2,280,030	2,818,254	+ 538,224

x Gross value of production less cost of materials, fuel and electricity.

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 BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Table 3. - Production, 1939 and 1940.

Principal Products	Unit of Measure	1939		1940	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Brooms, corn	Dozen	257,335	962,427	251,727	1,021,851
" fibre	"	28,416	144,125	32,074	165,514
" hair	"	4,706	59,299	4,207	47,631
" toy	"	8,396	11,074	12,284	20,912
" other	"	1,296	30,385	2,874	34,115
Whisks	"	48,994	56,036	59,910	83,760
Brushes, tooth	"	199,147	278,872	276,965	327,669
" shoe	"	19,876	32,952	31,369	67,356
" shaving	"	30,455	95,428	62,423	217,697
" clothes	"	25,656	55,984	27,144	64,468
" hair	"	30,285	171,514	46,761	266,854
" nail	"	28,551	25,557	47,783	37,266
" paint	"	360,381	1,006,503	475,165	1,396,282
" for industrial use	"	41,538	227,230	68,391	320,451
" for household use	"	182,906	432,237	235,160	564,000
" all other	"	217,457	140,457	264,869	206,363
Brushes, made of corn or fibre	"	63,190	94,488	59,421	84,652
Mops, all kinds	"	135,222	448,271	185,129	567,369
Handles of all kinds	"	93,716	78,894	67,326	75,655
All other products	"	..	145,310	-	149,076
TOTAL VALUE OF PRODUCTS	--	--	4,497,043	-	5,718,941

Note. - Data here given do not necessarily represent the total Canadian production of these commodities since they are also produced in other industries.

For the total Canadian production, reference should be made to the Appendix to "The Manufacturing Industries of Canada."

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Table 4. - Materials Used, 1939 and 1940.

Principals Materials	Unit of Measure	1939		1940	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
<u>Broom-Making Materials -</u>					
Broom corn	Pound	4,690,135	309,952	5,203,087	387,250
Broom fibre	"	480,238	45,209	628,760	61,023
Handles	Number	4,208,249	106,279	3,467,957	104,447
Twine	Pound	70,117	29,250	55,996	24,316
Wire	"	241,099	16,369	259,140	17,481
Tacks	"	9,142	663	10,021	797
Staples	"	8,836	1,045	8,258	1,022
Velvet	Yard	5,766	1,905	6,030	2,054
All other broom-making materials	-	-	38,758	-	28,630
<u>Brush-Making Materials -</u>					
Handles	Number	10,715,193	234,498	12,395,606	305,319
Fibres	Pound	691,068	122,156	738,946	137,468
Bristles	"	287,144	554,993	357,801	881,424
Horse hair	"	104,683	106,762	157,988	163,038
Wire (Brass, steel and other)	"	364,296	33,793	396,494	41,593
Blocks	Number	2,110,986	98,232	2,872,998	106,902
Backs for brushes	"	53,099	10,890	53,019	10,919
Tin	Pound	156,535	23,526	139,972	20,577
All other brush-making materials	-	-	116,450	-	148,010
<u>Mop-Making Materials -</u>					
Yarns	Pound	787,909	165,511	1,035,468	228,821
Cotton fabrics	Yard	137,726	9,402	121,803	8,044
Wire	Pound	89,700	4,797	124,968	6,957
Steel	"	94,553	5,598	128,289	5,969
Handles	Number	1,229,042	39,857	1,451,852	50,536
Mop handle connections	"	411,661	18,612	378,312	18,178
All other mop-making materials	-	-	6,909	-	23,420
All other materials	-	-	40,228	-	31,267
Containers and other packaging materials	-	-	28,853	-	32,859
TOTAL COST OF MATERIALS USED	-	-	2,170,497	-	2,848,321

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Table 5. - Capital Investment, 1933 to 1940.

Year and Provinces	Fixed Capital	Working Capital		Total Capital
	Present value of land, buildings, fixtures, machinery, tools, etc.	Inventory value of materials on hand, stocks in process, finished products on hand, fuel and miscellaneous supplies, etc.	Cash, bills and accounts receivable, Prepaid expenses, etc.	
	\$	\$	\$	\$
1933	1,732,915	1,292,326	699,395	3,724,636
1934	1,556,646	1,408,452	748,340	3,713,438
1935	1,841,562	1,492,138	757,464	4,091,164
1936	1,696,631	1,634,855	810,999	4,142,485
1937	1,825,061	1,680,766	845,825	4,351,652
1938	1,685,010	1,712,113	846,916	4,244,039
<u>1939</u>				
CANADA	1,620,835	1,699,690	894,935	4,215,460
Quebec	206,734	119,389	122,014	448,137
Ontario	924,283	1,162,029	653,683	2,719,995
British Columbia ...	97,846	113,198	34,418	245,462
Other Provinces	391,972	305,074	104,820	801,866
<u>1940</u>				
CANADA	1,725,626	1,832,195	974,130	4,531,951
Quebec	300,122	150,742	153,617	604,481
Ontario	956,266	1,283,899	598,011	2,838,176
British Columbia ...	80,922	91,803	33,629	206,354
Other Provinces	388,316	305,751	188,873	882,940

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Table 6. - Principal Statistics of the Broom, Brush and Mop Industry in Canada
Grouped According to the Size of Establishment - 1939 - 1940.

Establishments having a production of -	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
<u>1939</u>						
Under \$5,000	28	100,843	53	31,756	34,686	75,008
\$5,000 to \$25,000	26	317,621	162	104,528	163,070	325,849
\$25,000 to \$50,000	7	206,138	127	102,945	158,145	290,881
\$50,000 to \$100,000	6	592,927	188	149,548	205,237	438,093
\$100,000 to \$500,000	11)	3,197,931	916	987,231	1,609,359	3,367,212
\$500,000 to \$1,000,000	2)					
TOTAL	80	4,215,460	1,446	1,376,008	2,170,497	4,497,043
<u>1940</u>						
Under \$5,000	26	76,285	52	28,569	31,027	70,791
\$5,000 to \$25,000	29	360,777	155	101,404	200,398	339,698
\$25,000 to \$50,000	6	190,937	102	72,627	137,930	251,246
\$50,000 to \$100,000	8	434,375	205	183,511	244,066	528,147
\$100,000 to \$500,000	11	2,033,062	642	661,671	1,129,472	2,303,183
\$500,000 to \$1,000,000	3	1,436,515	380	551,036	1,105,428	2,225,876
TOTAL	83	4,531,951	1,536	1,593,818	2,848,321	5,718,941

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Table 7. - Employment by Sex and Provinces and Remuneration Paid, 1939 and 1940.

		CANADA	Quebec	Ontario	British Columbia	Other Provinces
<u>1939</u>						
Salaried Employees -						
Total	No.	339	72	196	17	54
Male	No.	250	64	130	14	42
Female	No.	89	8	66	3	12
Total salaries	\$	545,456	79,020	332,223	19,899	114,314
Wage-earners -						
Monthly average	No.	1,107	206	624	82	195
Male	No.	891	182	486	76	147
Female	No.	216	24	138	6	48
Total wages	\$	830,552	115,806	482,356	63,541	168,849
All Employees -						
Total	No.	1,446	278	820	99	249
Male	No.	1,141	246	616	90	189
Female	No.	305	32	204	9	60
Total salaries and wages	\$	1,376,008	194,826	814,579	83,440	283,163
<u>1940</u>						
Salaries Employees -						
Total	No.	347	65	208	13	61
Male	No.	248	55	140	10	43
Female	No.	99	10	68	3	18
Total salaries	\$	614,419	82,677	365,387	17,006	149,349
Wage-earners -						
Monthly average	No.	1,189	227	689	76	197
Male	No.	914	198	507	68	141
Female	No.	275	29	182	8	56
Total wages	\$	984,399	141,880	557,418	57,246	227,855
All Employees -						
Total	No.	1,536	292	897	89	258
Male	No.	1,162	253	647	78	184
Female	No.	374	39	250	11	74
Total salaries and wages	\$	1,598,818	224,557	922,805	74,252	377,204

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Table 8. - Monthly Employment of Wage-earners, 1939 and 1940.

Months	1939			1940		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	851	222	1,073	892	259	1,151
February	881	212	1,093	924	267	1,191
March	882	205	1,087	924	271	1,195
April	886	203	1,089	911	265	1,176
May	884	210	1,094	951	272	1,223
June	870	204	1,074	907	275	1,182
July	868	186	1,054	879	236	1,115
August	880	200	1,080	878	259	1,137
September	903	211	1,114	902	272	1,174
October	918	236	1,154	928	281	1,209
November	945	243	1,188	941	309	1,250
December	881	250	1,131	899	312	1,211
MONTHLY AVERAGE ...	891	216	1,107	914	275	1,189

Table 9. - Number of Wage-earners in Month of Highest Employment with their Regular Hours of Work and Average Weekly Earnings, 1939 and 1940.

Number of Hours Worked per Week	Number of Employees				Number of Hours Worked per Week	Number of Employees			
	1939 (1)		1940(2)			1939		1940	
	Male No.	Female No.	Male No.	Female No.		Male No.	Female No.	Male No.	Female No.
30 hours or less	39	6	42	3	51 - 54 hours ...	38	10	103	56
31 - 43 hours ..	160	47	122	20	55 hours	20	-	59	4
44 hours	175	33	124	22	56 - 64 hours ...	25	5	173	34
45 - 47 hours ..	194	93	156	75	65 hours and over	4	-	64	13
48 hours	143	15	82	23	Average hours per week	45.0	44.3	49.5	49.7
49 - 50 hours ..	138	18	97	75	Average weekly earnings	\$ 16.24	\$ 12.00	\$ 17.72	\$ 12.86

(1) One week in month of normal employment, and overtime not included.
 (2) One week in month of highest employment, and overtime included.

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Table 10. - Power Installation, 1939 and 1940.

Classes of Power	1939		1940	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines -				
In use	3	120	3	120
Idle	2	255	2	255
Gasoline engine..idle	-	-	1	8
Electric motors operated by purchased power -				
In use	510	1,441	560	1,433
Idle	1	1	9	21
TOTAL POWER USED IN MANUFACTURING	516	1,817	575	1,837
Boiler installation -				
In use	9	805	8	790
Idle	2	36	-	-

Table 11. - Consumption of Fuel and Electricity, 1939 and 1940

Kinds of Fuel	Unit of Measure	1939		1940	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -	Ton		\$		\$
Bituminous	(2000 lb.)	2,613	14,162	2,708	15,557
Anthracite	"	58	587	100	939
Coke	"	67	658	81	772
Gasoline	Imp. Gal.	-	-	7,397	1,934
Fuel oil	Imp. Gal.	508	102	40	6
Wood	Cord	128	611	135	700
Gas	M cu.ft.	529	451	799	699
Other fuel	-	-	2,450	-	3,000
Electricity purchased (including service charges)	Kw. H.	1,472,093	27,495	1,535,902	28,759
TOTAL COST OF FUEL AND ELECTRICITY ..			46,516		52,366

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Table 12. - Imports of Brooms and Brushes and Principal Materials Used by the Industry, Calendar Years 1939 and 1940.

Articles Imported	Unit of Measure	1 9 3 9		1 9 4 0	
		Quantity	Value	Quantity	Value
			\$		\$
Bristles, animal	Pound	266,963	477,264	392,112	833,708
Bristles, n.o.p.	"	400	685	313	228
Broom, corn	-	-	261,420	-	283,941
Hair, cleaned or uncleaned, not dyed, curled or other- wise manufactured	Pound	1,728,541	154,524	1,325,058	154,615
Horse hair, not further manu- factured than simply cleaned and dipped or dyed ...	"	127,144	73,744	129,421	108,532
Hair, curled or dyed, n.o.p. ..	-	-	10,132	-	14,684
Handles of all kinds, ash	-	-	411	-	4,433
Handles of all kinds, hickory .	-	-	23,242	-	37,164
Handles of all kinds, n.o.p. ..	-	-	67,860	-	73,337
Brushes, paint and varnish	-	-	10,574	-	10,574
Brushes, tooth	-	-	79,795	-	75,473
Brushes, toilet, n.o.p.	-	-	132,624	-	156,609
Brushes, all other, n.o.p.	-	-	111,447	-	114,768
Brooms and whisks	-	-	5,802	-	4,776
TOTAL VALUE OF IMPORTS	-	-	1,409,524	-	1,872,842

Table 13. - Exports of Brooms and Brushes, Calendar Years 1939 and 1940.

Articles Exported	Unit of Measure	1 9 3 9		1 9 4 0	
		Quantity	Value	Quantity	Value
			\$		\$
Brushes of all kinds	-	-	150,652	-	218,565
Brooms and whisks	-	-	11,010	-	14,681
TOTAL VALUE OF EXPORTS	-	-	161,662	-	233,246

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Firms Manufacturing Brooms, Brushes and Mops in Canada, 1940 - Con.

ONTARIO

M. & E. Strang Manufacturing Company	Allenford.
Fort William Broom Manufacturing Company	710 McTavish Street, Fort William.
Galt Broom & Brush Company	10 George Street, Galt.
Rubberset Company Limited	Gravenhurst.
George Brandon	67 Beechwood Avenue, Hamilton.
Fuller Brush Company Limited	70 Sanford Avenue, Hamilton.
Meakins & Sons Limited	125 Wellington Street North, Hamilton.
S. A. Felton & Son Company	77-91 Niagara Street, Hamilton.
Thomas & Son Company	16 Walnut Street North, Hamilton.
Walter Woods Limited	Hay Market Square, John Street North. Hamilton (H.O. 82 McNab Street North).
Superior Brush and Broom Co.	312 King St. East, Hamilton.
Co-operative Blind Workers Assn.	Haymarket Square, Hamilton.
Harriston Broom Co.	Harriston.
The Superior Broom Company	304-306 Nelson Street, Kingston.
H. J. Schiebel	100 Weber West, Kitchener.
Paul Stephen and Son	307 Lancaster St., West, Kitchener.
Maxwell J. Latam	5 Poplar Street, Leamington.
H. Hilgert	162 Maple Street, London.
Challies Dental Products	Church Street, Morrisburg.
The Card Brush Manufacturers	Newburgh.
West Taylor Bickle & Company Limited	Norwich.
Excelsior Broom Company	856-5th Avenue East, Owen Sound.
Stevens Hepner Company Limited	Port Elgin.
The Wilson Broom Co.	James Street, Ridgetown.
E. G. Crawford	39 Britannia Street, Stratford.
The McKenzie Broom & Mop Mfg. Co.	20 Cornhill, Chatham.
The Boeckh Company Limited	24 Noble Street, Toronto.
Brown Broom Manufacturing Company	174 Euclid Avenue, Toronto.
Canadian National Institute for the Blind	1076 Queen Street East, Toronto. (H.O. 186 Beverly Street, Toronto).
Blind Workers Household Supplies	263 Broadview Avenue, Toronto.
The Gibson Broom Company	168-170 Christie Street, Toronto.
A. Muirhead Company Limited	217 King Street East, Toronto.
Geo. Nelson Broom Manufacturing Company	533 Queen Street East, Toronto.
Pro-phy-lac-tic Brush Company (Canada) Ltd.	245 Carlaw Avenue, Toronto.
Toronto Broom Company	46 Colborne Street, Toronto.
Twisswire Brushes Limited	570 Queen Street East, Toronto.
Wear Ever Brush Company	40 Kelvin Avenue, Toronto.
Frank Wehrle	1701 Dundas Street West, Toronto.
Co-operative Broom & Brush Company	20 Bricker Avenue, Waterloo.
Irwin Hamel Broom Manufacturing	16 Noecker Street, Waterloo.

MANITOBA

Canadian National Institute for the Blind	995 Portage & Sherburne Sts., Winnipeg. (H.O. 186 Beverley St., Toronto, Ont.)
Porter Brush Manufacturing Co.	464 Alfred Avenue, Winnipeg.
Ring Easy Mop Co.	rear 641 Stella Avenue, Winnipeg.
Standard Broom Manufacturing Company Ltd.,	744 Wall Street, Winnipeg.

THE BROOM, BRUSH AND MOP INDUSTRY IN CANADA, 1940.

Firms Manufacturing Brooms, Brushes and Mops in Canada, 1940 - Concl'd.

MANITOBA - Concl'd.

Winnipeg Brush Co. 171 Market Street, Winnipeg.

SASKATCHEWAN

Queen City Broom Works Limited 1813 Wallace Street, Regina.
(H.O. 201A Kerr Building, Regina).
Western Brush Co. 326 Ave. B. South, Saskatoon.

ALBERTA

Klean Sweep Brushes 624 - 4th Street East, Calgary.

BRITISH COLUMBIA

B. C. Brush Works Limited 891 Cambie Street, Vancouver.
Canadian National Institute for the Blind 1101 West Broadway, Vancouver.
Western Crown Manufacturing Company 304 First Avenue East, Vancouver.
(H.O. 631 Kingsway, Vancouver).
Saul Wright Brush Company Limited 1156 - 15th Avenue East, Vancouver.
W. R. Gibbons & Son 1434 Hillside, Victoria.
Empire Brush Works 756 Broadway West, Vancouver.

Mop Manufacturers

QUEBEC

Austin & Laverty 3475 Gascon Street, Montreal.

ONTARIO

Tarbos Brothers 30 Morrow Avenue, Toronto.

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