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DOMINION BUREAU OF STATISTICS - CANADA  
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THE ADHESIVES INDUSTRY IN CANADA, 1930.

Output from the 12 plants in Canada which were engaged chiefly in the manufacture of glue, paste, mucilage, size, and similar products, was valued at \$1,650,634 in 1930 as compared with a total of \$1,830,644 in 1929 and \$1,956,865 in 1928. Capital employed was given at \$1,921,406, the average number of workers was 226 and the cost of materials used in manufacturing was \$862,908.

Seven plants were in Quebec, and 5 in Ontario. Bone hide fish and vegetable glue, the product of 5 different concerns, was the major item of production and was valued at \$1,010,731 in 1930. Casein glue, size, sealing wax, rubber cement, paste and mucilage were the other products of importance.

Table 1 - PRINCIPAL STATISTICS OF THE ADHESIVES INDUSTRY IN CANADA, BY PROVINCES, 1929 and 1930.

Provinces	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
		\$		\$	\$	\$	\$
<u>1929</u>							
New Brunswick...	1)						
Quebec.....	7)	674,503	159	164,829	354,676	783,516	448,840
Ontario.....	5	1,175,770	108	156,467	628,264	1,047,128	418,864
CANADA.....	13	1,850,273	267	521,296	962,940	1,830,644	867,704
<u>1930</u>							
Quebec.....	7	675,569	127	146,596	290,476	724,561	434,085
Ontario.....	5	1,245,837	99	140,229	592,432	926,075	333,641
CANADA.....	12	1,921,406	226	286,825	862,908	1,650,634	767,726

Table 2 - CAPITAL EMPLOYED, 1929 and 1930.

Provinces	Capital employed as represented by:			TOTAL
	Lands, buildings, machinery and tools	Materials on hand and stocks in process	Cash, trading and operating accounts and bills receivable	
	\$	\$	\$	\$
<u>1929</u>				
New Brunswick)				
Quebec.....)	399,999	155,553	118,951	674,503
Ontario.....	502,409	353,177	318,184	1,175,770
CANADA.....	902,408	510,730	437,135	1,850,273
<u>1930</u>				
Quebec.....	389,805	165,729	120,035	675,569
Ontario.....	720,527	255,671	269,639	1,245,837
CANADA.....	1,110,332	421,400	389,674	1,921,406

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Table 3 - EMPLOYEES, SALARIES AND WAGES, 1929 and 1930.

Provinces	Number of employees				TOTAL	Salaries and Wages		
	On salaries		On wages			Salaries	Wages	TOTAL
	Male	Female	Male	Female				
					\$	\$	\$	
1929								
New Brunswick)								
Quebec.....)	29	11	115	6	159	68,913	95,916	164,829
Ontario.....)	25	4	75	4	108	71,803	84,664	156,467
CANADA.....)	54	15	188	10	267	140,716	180,580	321,296
1930								
Quebec.....)	23	6	89	9	127	61,615	84,981	146,596
Ontario.....)	17	4	74	4	99	55,496	84,733	140,229
CANADA.....)	40	10	163	13	226	117,111	169,714	286,825

Table 4 - FUEL USED, 1929 and 1930.

Kinds	Unit of measure	1929		1930	
		Quantity	Cost at works	Quantity	Cost at works
Anthracite coal.....	short tons	397	2,811	14	136
Bituminous coal - Canadian... Imported...	short tons	2,321	17,955	2,226	17,952
Fuel oil .....	Imp. gal.	60	59	...	...
Gas - manufactured.....	cu.ft.	92	78	98	84
Other fuel .....	-	...	...	...	599
Electricity purchased.....	K.W.H.	597,570	12,312	1,305,411	11,430
TOTAL.....	-	...	68,157	...	64,380

Table 5 - POWER EMPLOYED, 1929 and 1930.

---	Number of units	1929		1930	
		Total h.p. according to manufacturers' rating	Number of units	Total h.p. according to manufacturers' rating	Number of units
Steam engines and steam turbines	6	392	5	377	
Gasoline, gas and oil engines...	2	44	...	...	
Total primary power.....	8	436	5	377	
Electric motors run by purchased power.....	77	546	83	581	
Total power employed.....	85	982	88	958	
Boilers.....	11	1,165	10	1,130	

Table 6 - MATERIALS USED IN MANUFACTURING, 1929 and 1930.

Materials	Unit of measure	1929		1930	
		Quantity	Cost at works	Quantity	Cost at works
Bones.....	tons	1,548	61,920	1,500	49,000
Corn starch.....	lb.	220,220	8,793	173,010	6,926
Cotton and other fabrics.....	-	...	30,161	...	34,470
Dextrins and glucose.....	lb.	1,410,983	69,604	1,484,243	75,259
Flour.....	lb.	213,449	6,812	339,255	10,934
Gelatin.....	lb.	15,294	5,554	12,457	4,384
Lime.....	tons	530	5,843	614	5,509
Milk.....	gal.	1,099,284	52,970	1,721,137	15,616
Resin.....	lb.	4,984,653	153,546	3,839,817	116,971
Rubber.....	lb.	41,516	12,521	36,057	12,082
Skins, trimmings, etc.....	tons	10,185	272,950	...	286,213
Soda ash.....	lb.	591,165	9,730	477,245	7,999
Solvents (benzol, naphtha, etc.)	gal.	62,714	14,867	64,025	12,878
Superphosphate.....	ton	1,500	13,900	1,200	15,000
Sulphuric acid.....	lb.	716,000	5,829	450,000	7,600
All other products.....	-	...	180,359	...	185,204
Containers.....	-	...	92,981	...	40,883
TOTAL.....	-	...	952,940	...	882,903



PRODUCTS, 1929 and 1930.

Products	Selling value at works	
	1929	1930
Bone hide, fish and vegetable glues.....	1,072,293	1,016,731
All other products (x).....	758,351	631,903
TOTAL.....	1,830,644	1,650,634

(x) Includes resin size, rubber cement, casein glue, dry gums, sealing wax, mixed fertilizer and other products which were reported by only 1 or 2 firms in this industry and therefore cannot be shown separately.

DIRECTORY OF FIRMS IN THE ADHESIVES INDUSTRY, 1930.

<u>Name</u>	<u>Location of Plant</u>
Boston Blacking Company of Canada, Ltd.	1450 Cabot St., Cote St. Paul, Montreal, P.Q.
Bulldog Grip Cement Co. Inc.	2101 Bennett Ave., Montreal, P.Q.
Canada Glue Co. Ltd.	Brantford, Ontario
The Cannon Canadian Co. Ltd.	361 Sorauren Ave., Toronto, Ontario
The Dominion Flour Paste Co.	2122 <sup>1</sup> / <sub>2</sub> Champlain St., Montreal, P.Q.
T. M. Fox and Sons	Cote St. Paul, Montreal, P.Q.
Machon Sealing Wax Co.	47 St. James Ave., Toronto, 5, Ont.
Canac Marquis	3 Courcellette St., Quebec, P.Q.
Meredith, Simmons & Co. Ltd.	371 Wallace Ave., Toronto, Ont.
Russia Cement Company	2115 Pius IX Ave., Montreal, P.Q.
F. E. Woodward & Son Ltd.	17th Ave., Lachine, P.Q.
Vera Chemical Company of Canada, Ltd.	Burlington, Ontario

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