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Annual Bulletin

DOMINION BUREAU OF STATISTICS - CANADA Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.

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CHEMICALS AND ALLIED PRODUCTS

THE ADHESIVES INDUSTRY IN CANADA, 1931.

Output from the 13 plants in Canada which were engaged chiefly in the manufacture of glue, paste, size and similar products, was valued at \$1,742,553 in 1931 as compared with a total of \$1,650,634 from 12 factories in 1930. Capital employed was given at \$2,850,507, the average number of workers was 297 and the cost of materials used in manufacturing was \$877,802.

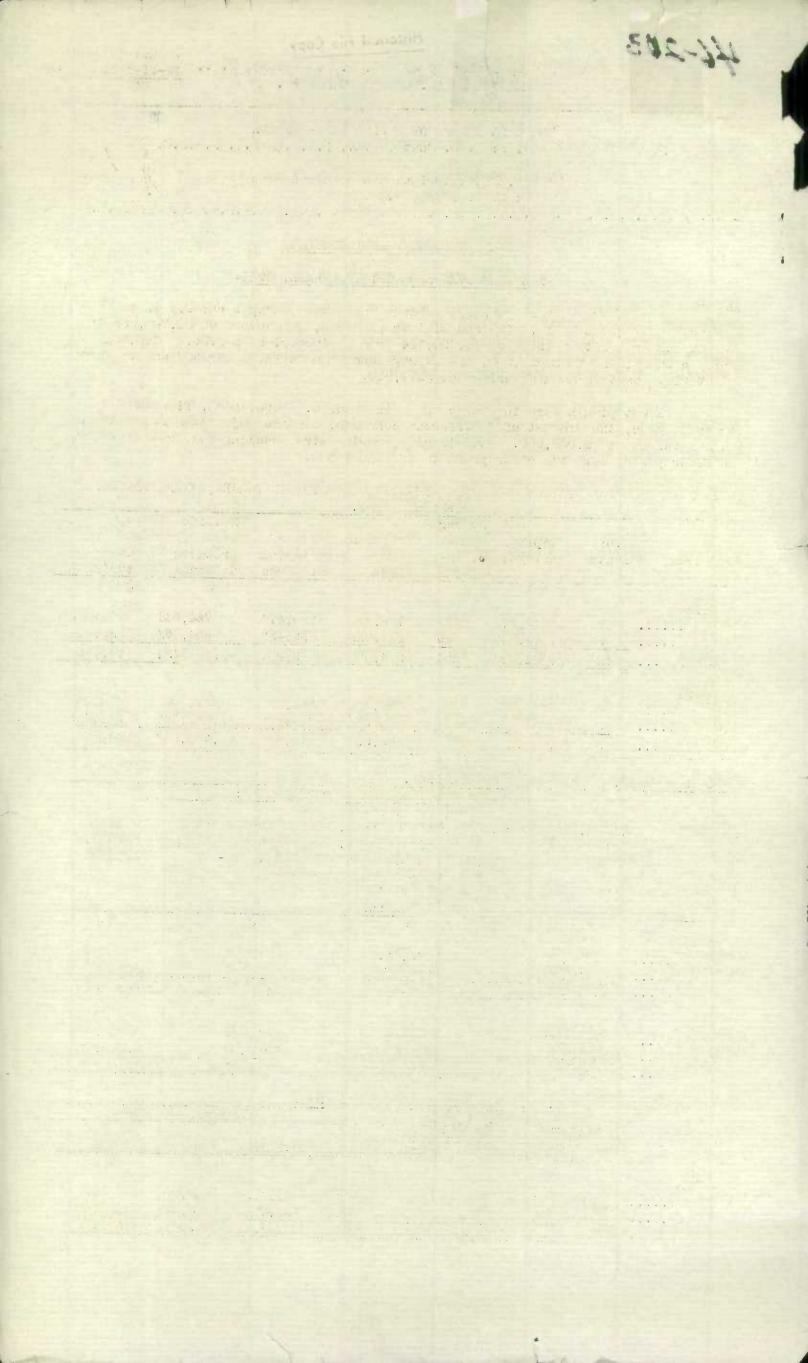
Eight plants were in Quebec and 5 in Ontario. Bone, hide, fish and vegetable glue, the product of 6 different concerns, was the major item of production and was valued at \$1,068,968. Casein glue, resin size, sealing wax, rubber cement, and flour paste, were the other products of importance.

Table 1 - PRINCIPAL STATISTICS OF THE ADHESIVES INDUSTRY IN CANADA, BY PROVINCES,

			1930	and 1931.			
			Average			Selling	Value
	No.of	Capital	number	Salaries	Cost of	value of	added
Provinces	plants	employed	of em-	and	materials	products	by manu-
			ployees	wages	at works	at works	facturing
		\$		\$	\$	\$	\$
1930							
Quebec	. 7	675,569	127	146,596	290,476	724,56]	434,085
Ontario	. 5	1,245,837	99	140,229	592,432	926,073	333,641
CANADA .	12	1,921,406	226	286,825	882,908	1,650,634	767,726
1931							
Quebec	. 8	730,744	118	136,624	271,700	614,786	343,086
Ontario		2,119,763	179	238,974	606,102	1,127,767	521,665
CANADA	13	2,850,507	297	375,598	877,802	1,742,553	864,751

Table 2 - CAF	PITAL EMPL YED, 1930	0 and 1931.		
	Cap	ital employed as rep	resented by:	
		Inventory value of		
Provinces	Lands, buildings, machinery and tools	materials on hand, stocks in process, fuel and miscellan- eous supplies on hand and finished products on hand	_	TOTAL CAPITAL EMPLOYED
	\$	3	\$	\$
1930				
Quebec	389,805	165,729	120,035	675,569
Ontario		255,671	269,639	1,245,837
CANADA		421,400	389,674	1,921,406
1931				
Quebec	357,369	198,219	175,156	730,744
Ontario	1,193,245	558,946	367,572	2,119,763
CANADA	1,350,614	757,165	542,728	2,850,507

Table 3 - EMPI	LOYEES,	SALARINS	AND WA	GES, 193	0 and 193	31.		
Number of employees						Sa.	laries and	wages
Provinces	On sal	laries	On w	ages				
	Male	Female	Male	Female	TOTAL	Salaries	Wages	TOTAL
						\$	\$	\$
1930								
Quebec	23	6	89	9	127	61,615	84,981	146,596
Ontario		4	74	4	99	55,496	84,733	140,229
CANADA		10	163	13	226	117,111	169,714	286,825



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Table 3 - EMPLOYELS,	SALARIES	AND WAGES.	1930 and	1931.	concluded.

		Number o	of empl	oyees		Salaries and emplo			
Provinces	On sa	laries	On w	ages					
	Male	Female	Male	Female	TOTAL	Salaries	Wages	TOTAL	
1931						\$	\$	\$	
Quebec	22	5	86	5	118	59,770	76,854	136,624	
Ontario	14	9	153	3	179	60,674	178,300	238,974	
CANADA	36	14	239	8	297	120,444	255,154	375,598	

Table	4 .	- F	UEL	USED.	1930	and	1931.

		1 9 3	3 0	1 9	3 1
Kinds	Unit of		Cost at		Cost at
	measure	Quantity	works	Quantity	works
			\$		\$
Anthracite coal		14	136	6	91
Bituminous coal - Canadian	short tons	2,226	17,952	1,493	11,884
Imported		6,268	34,179	9,986	52,335
Lignite coal - Canadian	short tons			2	26
Toke	short tons	4		30	350
das - manufactured	M cuift.	98	84	72	64
ther fuel	-	11.	599		
Electricity purchased	K.W.H.	1,305,411	11,430	642,948	10,399
TOTAL	-		64,380		75,149

Table 5 - POWER EMPLOYED, 1930 and 1931.

	1 9	3 0	1 9	3 1
	Number of units	Total horse power	Number of units	Total horse power
Steam engines and steam turbines	5	377	6	477
Total Primary Power	5	377	6	477
Electric motors run by purchased power	83	581	109	896
Total Power Employed	88	958	115	1,373
Boilers	10	1,130	14	1,155

Table 5 - MATERIALS USED IN MANUFACTURING, 1930 and 1931.

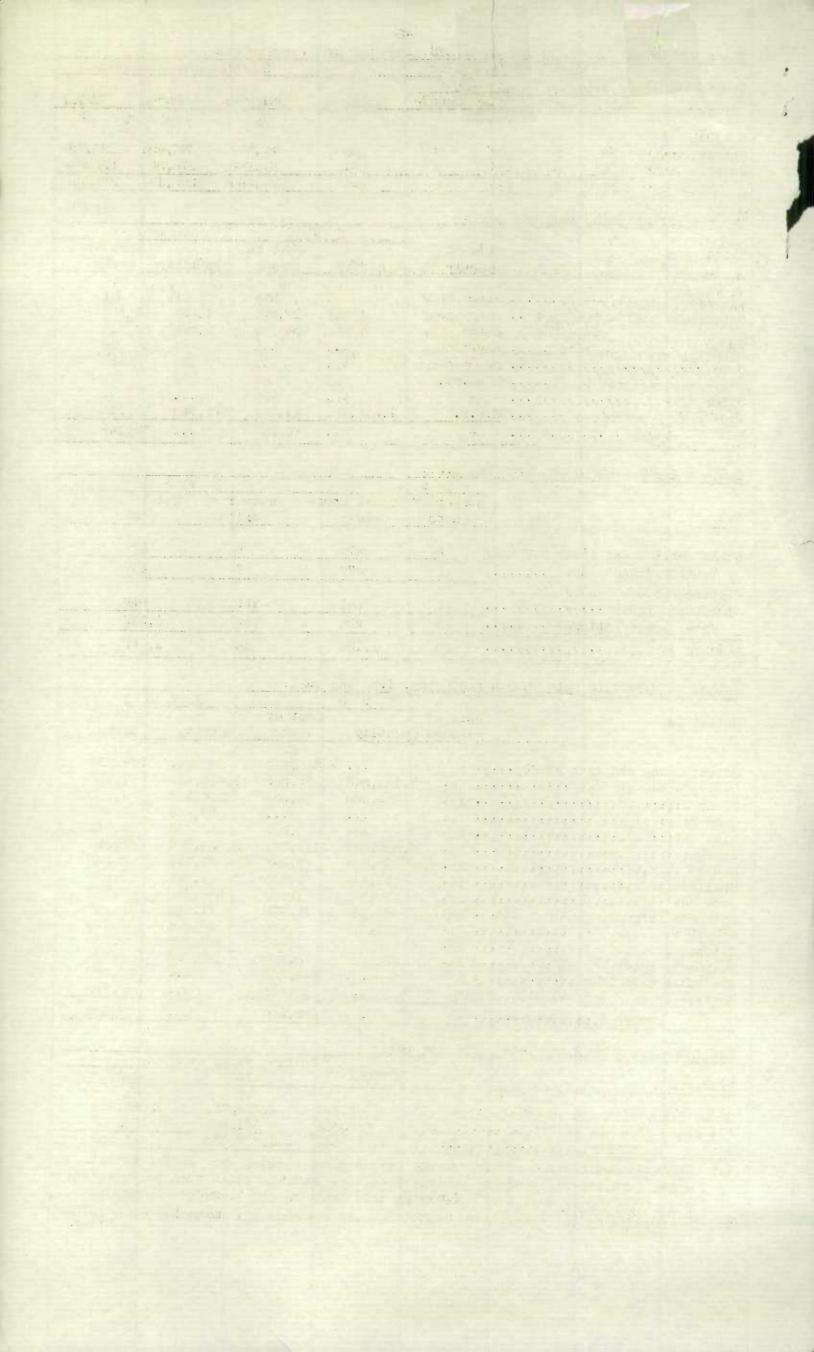
		1 9 3 0		1 9 3 1	
Materials	Unit of		Cost at		Cost at
	measure	Quantity	works	Quantity	works
			\$		\$
Bones, hides and glue stock			335,213		324,134
extrine and glucose	. 1b.	1,484,243	75,259	1,512,149	72,565
lour	. lb.	339,255	10,934	206,947	4,100
ums	. lb.			27,666	2,867
ime	. ton	614	5,509	476	4,511
esin	. 1b.	3,839,817	116,971	3,550,709	65,324
ubber	. lb.	36,057	12,082	61,199	15,362
hellac	. 1b.	12,019	5,132	9,000	3,875
oda ash		477,245	7,999	467,720	7,272
olvents (benzol, naphtha, etc.)		64,025	12,878	72,424	15,567
tarch		173,010	6,926	146,904	5,724
ulphur		114,000	1,440	161,285	2,534
ulphuric acid, 66° Be		460,000	3,600	182,096	3,899
ll other materials			248,302		323,069
ottles, tops, brushes, boxes, et			40,663		26,999
TOTAL			882,908		877,802

Table 6 - PRODUCTS MADE, 1929, 1930 and 1931.

	Se	lling value at	works
Products	1929	1930	1931
• *	d- ₩	\$	Ŷ
sone, hide, fish and vegetable glue (xx)	1,072,293	1,018,731	1,068,968
All other products (x)	758,351	631,903	673,585
	1.830.644	.1.650.634	1,742,553

⁽x) Includes resin size, rubber cement, casein glue, sealing wax, paste, grease, mixed fertilizers, tankage, poultry food, fox food and other such products which were reported by only 1 or 2 firms in this industry and therefore cannot be shown separately.

(xx) In addition to the output here reported there was some glue made in other industries.



DIRECTORY OF FIRMS IN THE ADHESIVES INDUSTRY, 1931.

Note: - The Adhesives Industry includes only the concerns which made adhesives as their main products. Some concerns in other industrial groups made paste, mucilage and glue as minor products but these works are not listed in this directory.

Name of Firm

Boston Blacking Co. of Canada, Ltd.
Bulldog Grip Cement Co. Inc.
Canada Glue Co. Ltd.
F. Canac-Marquis, Reg'd.
F. E. Woodward & Sons, Ltd.
F. X. Auger
Machon Sealing wax Co.
Meredith, Simmons & Co. Ltd.
Russia Cement Company
The Dominion Flour Paste Co.
T. M. Fox and Sons Limited
Vera Chemical Co. of Canada, Ltd.
W. Harris & Co. Limited

Location of Plant

No succession of the state of

1450 Cabot St., Cote St. Paul, Montreal, P.Q.
2101 Bennett Ave., Montreal, P.Q.
Brantford, Ont.
3 Courcelette St., Quebed, P.Q.
17th Avenue, Lachine, P.Q.
2 rue Garagonthier, St. Malo, P.Q.
Rear 47 St. James Age., Toronto, S, Ont.
371 Wallace Ave., Toronto, Ont.
2115 Pius IX Ave., Montreal, P.Q.
Rear 2122 Champlain St., Montreal, P.Q.
Burlington Junction, Ont.
200 Keating St., Toronto, 2, Ont.

