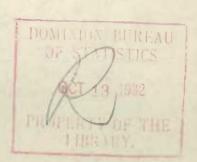
46-208

CANADA

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS



THE INKS INDUSTRY

IN

CANADA

1931

Published by Authority of the HON, H. H. STEVENS, M. P., Minister of Trade and Commerce. DOMINION BUREAU OF STATISTICS - CANADA

Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.

Mining, Metallurgical and Chemical Branch Chief: W. H. Losee, B.Sc.

$\textbf{X}_{0} \times \textbf{X}_{0} \times \textbf{X}_{0}$

CHEMICALS AND ALLIED PRODUCTS

THE INKS INDUSTRY IN CANADA, 1931.

Production from the inks industry in Canada during 1931 was valued at \$2,309,062, a recession of almost 10 per cent from the value of \$2,559,316 reported for the previous year, according to a report just issued by the Dominion Bureau of Statistics. A total of 23 firms in Canada manufactured this line of goods as their principal product, and of these, 16 plants made printers ink or printers rollers while the other 7 produced writing inks. The total capital employed was reported at \$2,319,662, employees numbered 370 and salaries and wages totalled \$709,375. Materials cost \$762,112 and the value added by manufacturing was \$1,546,950.

Production from the 16 plants which made printing and lithographic inks amounted to \$2,020,109 and included 7,563,426 pounds of printing ink valued at \$1,787,304 and printers rollers at \$209,496 with smaller amounts for dry colours, stains, pastes, etc. Returns from the other 7 plants do not show writing inks separately from adhesives but the output of these two commodities was worth \$228,706 and the minor products included typewriter ribbons, stamp pads, carbon paper and similar commodities.

In addition to the output of writing inks by the concerns in the inks industry as reviewed in this bulletin, there was a production valued at \$180,000 from plants which made writing inks as a minor product; data for these establishments have not been included in this report.

Imports of printing inks into Canada in 1931 amounted to 946,386 pounds valued at \$287,730 and imports of writing inks were given at \$35,177. In each case the value represents a decline from the corresponding figure for 1930.

Table 1 - PRINCIPAL STATISTICS OF THE INKS INDUSTRY IN CANADA. 1927 1931

Table 1 - Filling	OTLUT OF	HITOTION OL	TUR TIMO	THOUSTUT IN	URINADA, LOL	1.301	
			Average			Selling	Value
	Number	Capital	number	Salaries	Cost of	value of	added
Years	of.	employed	of em	and	materials	products	by manu-
	plants		ployees	wages	at works	at works	facturing.
		\$	and the same of the same of the same	\$	\$	\$	\$
PRINTING INKS							
1927	16	2,1.24,758	340	61.7,911	942,859	2,529,437	1,586,578 •
1928		2,246,629	307	648.764	900.307	2,574,343	1,674,036
1929		2,375,227	323	703,794	945,606	2,703,959	1,758,353
1930		2,254,555	310	667,639	771,673	2,265,691	1,494,018
1931		2,099,511	295	626,572	661,648	2,020,109	1,358,461
WRITING INKS							
1927		1.90,725	61.	64,866	140,124	300,788	160,664
1928		205,229	66	72,694	168,930	343,260	174,330
1929		222,036	69	75,984	151,709	334,090	182,381
1930		203,281 220,151	66 75	81,065 82,803	223,580 100,464	293,625 288,953	188,489
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,		,	, , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

.2

Table 1 - PRINCIPA	IT COL	ATTETTE OF	THE THE	TAIDHISTRY	IN CANADA, I	1927 . 1931	continued
aute 1 - FILINOIFA	TP 211	ALIBITOD OF	Average	TUDOTILI	IIV ORIGIDA,	Selling	Value
Num	ber	Capital	number	Salaries	Cost of	value of	added
	f	employed	of em.	and	materials	products	by manu-
	ants		ployees	wages	at works	at works	facturing
and the second contract of the second section of		\$		\$	¢	\$	\$
CAL							
1927	24	2,315,483	401	682,777	1,082,983	2,830,225	1,747,242
1928	22	2,451,858	373	721,458	1,069,237	2,917,603	1,848,366
1.929	22	2,597,263	392	785,778	1,097,315	3,038,049	1,940,734
1930	22	2,457,836	376	748,704	995,253	2,559,316	1,564,063
1931	23	2,319,662	370	709,375	762,112	2,309,062	1,546,950
Table 2 - PRINCIPA	u st	ATTSTICS B	V PROVINC	ES 1930 a	nd 1931.		
able c - Illinoil a	017	AIIIOIIOD3 D.	Average	1500 0	III IU III	Selling	Value
Num	ber	Capital	number	Salaries	Cost of	value of	added
	f	employed	of em-	and	materials	products	by manu-
	ants		ployees	wages	at works	at works	facturing
		\$		\$	\$	\$	\$
1930						III SHE	
uebec	3	143,611	48	69,693	170,842	243,382	72,54
	1.3	2,227,909	504	644,785	778,612	2,209,934	1,431,32
	3	26,546	10	14,335	16,265	53,360	37,09
CANADA (x)	22	2,457,836	376	748,704	995,253	2,559,316	1,564,06
1931 uebec	3	136,832	47	70,808	44,645	215,474	170,82
	14	2,093,819	300	608,227	676,799	2,005,347	1,328,548
		27,524	10	12,561	14,250	32,550	18,300
ritish Columbia	O .	60 1 0 WW.E		and the good of the contract o	211000		
CANADA (x)	23	2,319,662	370	709,375	762,112	2,309,062	1,546,950
canada (x) x) Includes also	23 data	2,319,662 for 1 plan	370 t in New	709,375	762,112	2,309,062	1,546,950
canada (x) x) Includes also	23 data	2,319,662 for 1 plan	370 t in New and 1931.	709,375 Brunswick	762,112	2,309,062	1,546,950
canada (x) x) Includes also	23 data EMPL	2,319,662 for 1 plan	370 t in New and 1931 Invent	709,375 Brunswick	762,112 and 2 plants	2,309,062 s in Manitob	1,546,950
CANADA (x) x) Includes also	23 data EMPL	2,319,662 for 1 pland OYED, 1930 a	370 t in New and 1931. Invent of mat	709,375 Brunswick	762,112 and 2 plants Operating	2,309,062 s in Manitob	1,546,950
x) Includes also able 3 CAPITAL	23 data EMPL Valu buil	2,319,662 for 1 pland OYED, 1930 and of lands	370 t in New and 1931 Invent of mat miscel	709,375 Brunswick ory value erials, laneous	762,112 and 2 plants Operating (cash, bi	2,309,062 s in Manitob g capital,	1,546,950 a.
x) Includes also able 3 CAPITAL	data EMPLO Value buil mach	2,319,662 for 1 plant OYED, 1930 and of lands ldings, ninery,	370 t in New and 1931 Invent of mat miscel suppli	709,375 Brunswick ory value erials, laneous es and	762,112 and 2 plants Operating (cash, bit accounts	2,309,062 s in Manitob g capital, ills and receiv	1,546,950 a.
x) Includes also able 3 CAPITAL	23 data EMPLA Valu buil mach tool	2,319,662 for 1 pland OYED, 1930 and of lands ldings, ninery, ls and other	370 t in New and 1931. Invent of mat miscel suppli	709,375 Brunswick ory value erials, laneous es and ed product	762,112 and 2 plants Operating (cash, bit accounts able, pre	2,309,062 s in Manitob g capital, ills and receiv	1,546,950 a. TOTAL CAPITAL
x) Includes also able 3 CAPITAL	23 data EMPLA Valu buil mach tool	2,319,662 for 1 plant OYED, 1930 and of lands ldings, ninery,	370 t in New and 1931. Invent of mat miscel suppli finish on han	709,375 Brunswick ory value erials, laneous es and ed product d, and	762,112 and 2 plants Operating (cash, bi accounts a ble, pre expenses	2,309,062 s in Manitob g capital, ills and receiv	1,546,950 a. TOTAL CAPITAL
x) Includes also able 3 CAPITAL	23 data EMPLA Valu buil mach tool	2,319,662 for 1 pland OYED, 1930 and of lands ldings, ninery, ls and other	370 t in New and 1931 Invent of mat miscel suppli finish on han stocks	709,375 Brunswick ory value erials, laneous es and ed product	762,112 and 2 plants Operating (cash, bi accounts a ble, pre expenses	2,309,062 s in Manitob g capital, ills and receiv	1,546,950 a. TOTAL CAPITAL
canada (x) x) Includes also able 3 CAPITAL rovinces	data EMPLA Value buil mach tool equi	2,319,662 for 1 pland OYED, 1930 and of lands ldings, hinery, ls and other ipment	370 t in New and 1931. Invent of mat miscel suppli finish on han stocks	ory value erials, laneous es and ed product d, and in proces	762,112 and 2 plants Operating (cash, bi accounts s able, pre expenses, s	2,309,062 s in Manitob g capital, ills and receiv	1,546,950 a. TOTAL CAPITAL EMPLOYED
canada (x) x) Includes also able 3 CAPITAL rovinces	23 data EMPLA Value buil mach tool equi	2,319,662 for 1 pland OYED, 1930 and of lands ldings, hinery, ls and other ipment \$ 47,347	370 t in New and 1931. Invent of mat miscel suppli finish on han stocks	709,375 Brunswick ory value erials, laneous es and ed product d, and in proces	762,112 and 2 plants Operating (cash, bit accounts s able, pre expenses, s	2,309,062 s in Manitob g capital, ills and receiv epaid , etc.)	1,546,950 a. TOTAL CAPITAL EMPLOYED
canada (x) x) Includes also able 3 CAPITAL rovinces	data EMPIA Value buil mach tool equi	2,319,662 for 1 pland OYED, 1930 and of lands ldings, hinery, ls and other ipment 47,347 360,922	370 t in New and 1931 Invent of mat miscel suppli finish on han stocks	709,375 Brunswick ory value erials, laneous es and ed product d, and in proces	762,112 and 2 plants Operating (cash, bit accounts s able, pre expenses, s	2,309,062 s in Manitob g capital, ills and receiv epaid , etc.)	TOTAL CAPITAL EMPLOYED
canada (x) x) Includes also able 3 CAPITAL rovinces	23 data EMPLA Value buil mach tool equi	2,319,662 for 1 plands OYED, 1930 and of lands ldings, hinery, ls and other ipment 47,347 360,922 7,133	370 t in New and 1931. Invent of mat miscel suppli finish on han stocks	709,375 Brunswick ory value erials, laneous es and ed product d, and in proces \$ 48,055 90,794	762,112 and 2 plants Operating (cash, bit accounts s able, pre expenses s	2,309,062 s in Manitob g capital, ills and receiv epaid , etc.)	1,546,950 a. TOTAL CAPITAL EMPLOYED \$ 143,611 2,227,909
canada (x) x) Includes also able 3 CAPITAL rovinces	23 data EMPLA Value buil mach tool equi	2,319,662 for 1 plands OYED, 1930 and of lands ldings, hinery, ls and other ipment 47,347 360,922 7,133	370 t in New and 1931. Invent of mat miscel suppli finish on han stocks	709,375 Brunswick ory value erials, laneous es and ed product d, and in proces \$ 48,055 90,794 13,550	762,112 and 2 plants Operating (cash, bit accounts s able, pre expenses s	2,309,062 s in Manitob g capital, ills and receiv epaid , etc.)	1,546,950 a. TOTAL CAPITAL EMPLOYED \$ 143,611 2,227,909 26,546
CANADA (x) x) Includes also able 3 CAPITAL rovinces 1930 meterio ritish Columbia CANADA (x)	23 data EMPL Value buil mach tool equi	2,319,662 for 1 pland OYED, 1930 and of lands ldings, hinery, ls and other ipment \$ 47,347 360,922 7,133 446,316	370 t in New and 1931 Invent of mat miscel suppli finish on han stocks	709,375 Brunswick ory value erials, laneous es and ed product d, and in proces \$ 48,055 90,794 13,550 72,778	762,112 and 2 plants Operating (cash, bit accounts s able, pre expenses, s	2,309,062 s in Manitob g capital, ills and receiv epaid , etc.)	1,546,950 a. TOTAL CAPITAL EMPLOYED \$ 143,611 2,227,909 26,546 2,457,836
CANADA (x) (x) Includes also Table 3 CAPITAL Provinces 1930 Quebec	data EMPIA Value buil mach tool equi	2,319,662 for 1 pland OYED, 1930 and of lands ldings, hinery, ls and other ipment 47,347 360,922 7,133 446,316	370 t in New and 1931 Invent of mat miscel suppli r finish on han stocks	709,375 Brunswick ory value erials, laneous es and ed product d, and in proces \$ 48,055 90,794 13,550 72,778	762,112 and 2 plants Operating (cash, bi accounts s able, pre expenses; s	2,309,062 s in Manitob g capital, ills and receiv epaid , etc.) 3,209 6,193 5,863 3,742	1,546,950 a. TOTAL CAPITAL EMPLOYED \$ 143,611 2,227,909 26,546 2,457,836
(x) Includes also Table 3 CAPITAL Provinces 1930 Quebec	data EMPIA Value buil mach tool equi	2,319,662 for 1 pland OYED, 1930 and of lands ldings, hinery, ls and other ipment \$ 47,347 360,922 7,133 446,316	370 t in New and 1931. Invent of mat miscel suppli finish on han stocks	709,375 Brunswick ory value erials, laneous es and ed product d, and in proces \$ 48,055 90,794 13,550 72,778	762,112 and 2 plants Operating (cash, bit accounts able, pre- expenses, s	2,309,062 s in Manitob g capital, ills and receiv epaid , etc.)	1,546,950 a. TOTAL CAPITAL EMPLOYED \$ 143,611 2,227,909 26,546 2,457,836

⁽x) See footnote to Table 2.

Table 4 -	EMPLOYEES.	SALARIES	AND	WAGES.	1930 and	1931.

		NUMBER	OF EMP	LOYEES		SA	LARIES AND	WAGES	
Provinces	On sa	laries	On w	maked a constitution of the second					
	Male	Female	Male	Female	TOTAL	Salaries	Wages	TOTAL	
						\$	\$	\$	
1930									
Quebec	15	4	13	16	48	40,389	29,304	69,693	-
Ontario	84	25	1.88	7	304	379,384	265,401	644,785	
British Columbia	5	000	. 5	330	10	8,444	5,891	14,335	- 4
CANADA (x)	109	30	214	23	376	442,455	306,249	748,704	_
1931									
Quebec	18	3	12	14	47	43,815	26,993	70,808	
Ontario	89	29	174	8	300	363,987	244,240	608,227	
British Columbia	4	000	6	0 2 6	10	6,944	5,617	12,561	
CANADA (x)		33	199	22	370	427,206	282,169	709,375	
(x) See footnote	to Ta	able 2.							

Table 5 - WAGE-EARNERS, BY MONTHS, 1930 and 1931.

Marchine	1	9 3	0		9	3 1
Months	Male	Female	TOTAL	Male	Female	TOTAL
January	216	23	239	197	21	218
February	220	24	244	198	21	219
March	21.5	23	238	194	21	215
April	210	23	233	194	21	215
May	210	24	234	196	22	218
June	21.2	22	234	198	23	221
July	215	23	238	200	24	224
August	215	22	237	199	23	222
September	213	23	236	197	24	221
October	213	23	236	200	23	223
November	212	21	233	195	22	217
December	210	23	233	197	20	217
AVERAGE	214	23	237	199	22	221.

Table 6 - NUMBER OF WAGE-EARNERS IN MONTH OF HIGHEST EMPLOYMENT ACCORDING TO REGULAR HOURS WORKED PER WEEK, 1931. (Overtime not included)

Regular hours per week	Number of wage-earners
40 hours or less	
44 hours	
45 47 hours	. 94
48 hours	. 66
49-50 hours	. 28
51-53 hours	

4 -

		1 9	3 0	1 9	3 1
inds	Unit of		Cost at		Cost at
	measure	Quantity	works	Quantity	works
			\$		\$
ituminous coal - Canadian		356	2,776	258	1,728
Imported		963	6,193	1,074	6,677
nthracite coal		59	1,117	52	798
ignite coal - Imported		6 9 9	0 to 0 ¹	9	130
oke		12	152	17	123
asoline		000	000	10	3
'uel oil assoussessessesses		900	2 2 0	400	39
as - mamufactured		3 87	382	320	338
ther fiel		000	60	000	9 8 6
lectricity purchased	os KoWeHa	832,994	15,356	898,774	16,484
TOTAL	0 0	900	26,036	200	26,320
1.1.8 DOWND BNDIOVED 1020	and 1031				
Cable 8 - POWER EMPLOYED, 1930	and 1901.	1 9 3	0	1 9	3 1
inds	The state of the s	Number of	Total hors		Total ho:
		units	power	units	power
					40
Steam engines and steam turbing		300	000	FIRST L	40
asoline, gas and oil engines		1	4	1	4
lectric motors operated by pur	rchased power	146	1,246	160	1,353
Total power employed		: 147	1,250	162	1,397
	000000000000	147	1,250 293	162	1,397 325
Total power employed		6 G, 1930 and	293 1951 .	6	325
Total power employed Soilers	MANUFACTURIM	6 G, 1930 and 1 94 3	293 1951 .		325
Total power employed Boilers	MANUFACTURIN t of	6 3, 1930 and 1 94 3 Cos	293 1931. 0 t at	1 9 3	325 1 Cost at
Total power employed Boilers	MANUFACTURIN t of	6 G, 1930 and 1 9 3 Cos tity wo	293 1951. 0 t at rks	6	325 1 Cost at works
Total power employed coilers	MANUFACTURING t of sure Quant	6 G, 1930 and 1 9 3 Cos tity wo	293 1951. 0 t at rks	6 1 9 3 Quantity	325 1 Cost at works
Total power employed coilers	MANUFACTURING t of sure Quant	6 G, 1930 and 1 94 3 Cos tity wo	293 1951. 0 t at rks \$ 3,417	6 1 9 3 Quantity 699,808	325 1 Cost at works \$ 36,400
Total power employed Soilers	MANUFACTURING t of sure Quant 1b. 727 1b. 1,133	6 3, 1930 and 1 94 3 Cos tity wo 136 4 701 36	293 1931. 0 t at rks \$ 3,417 0,219	1 9 3 Quantity 699,808 1,001,656	325 1 Cost at works \$ 36,400 314,012
Total power employed Soilers	MANUFACTURING t of sure Quant 1b. 727 1b. 1,133 1b. 79	6 G, 1930 and 1 94 3 Cos tity wo 136 4 701 36	293 1931. 0 t at rks \$ 3,417 0,219 6,604	1 9 3 Quantity 699,808 1,001,656 81,056	325 1 Cost at works \$ 36,400 314,012 23,300
Total power employed Soilers	MANUFACTURING t of sure Quant lb. 727 lb. 1,133 lb. 79 lb. 145	6 G, 1930 and 1 9 3 Cos tity wo 136 4 701 36 261 2 553 2	293 1951. 0 t at rks \$ 3,417 0,219 6,604 0,126	1 9 3 Quantity 699,808 1,001,656 81,056 140,176	325 Cost at works \$ 36,400 314,012 23,300 17,634
Total power employed Soilers	MANUFACTURING t of sure Quant lb. 727 lb. 1,133 lb. 79 lb. 145	6 G, 1930 and 1 9 3 Cos tity wo 136 4 701 36 261 2 553 2 23	293 1951. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,162	1 9 3 Quantity 699,808 1,001,656 81,056 140,176	325 1 Cost at works \$ 36,400 314,012 23,300 17,634 183,652
Total power employed Soilers	t of sure Quant 1b. 727, 1b. 1,133, 1b. 79, 1b. 145,	6 3, 1930 and 1 94 3 Cos tity wo 136 4 701 36 261 2 553 2 23	293 1951. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,126 0,162 9,597	1 9 3 Quantity 699,808 1,001,656 81,056 140,176	325 1 Cost at works \$ 36,400 314,012 23,300 17,634 183,652 78,254
Total power employed coilers	MANUFACTURING t of sure Quant lb. 727 lb. 1,133 lb. 79 lb. 145	6 G, 1930 and 1 91 3 Cos tity wo 136 4 701 36 261 2 553 2 23 9	293 1951. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,162 9,597 5,128	1 9 3 Quantity 699,808 1,001,656 81,056 140,176	325 Cost at works \$ 36,400 314,012 23,300 17,634 183,652 78,254 108,860
Total power employed Soilers	MANUFACTURING t of sure Quant lb. 727 lb. 1,133 lb. 79 lb. 145	6 G, 1930 and 1 91 3 Cos tity wo 136 4 701 36 261 2 553 2 23 9	293 1951. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,126 0,162 9,597	1 9 3 Quantity 699,808 1,001,656 81,056 140,176	325 1 Cost at works \$ 36,400 314,012 23,300 17,634 183,652 78,254
Total power employed coilers	t of sure Quantity 1b. 727, 1b. 1,133, 1b. 79, 145	6 G, 1930 and 1 91 3 Cos tity wo 136 4 701 36 261 2 553 2 23 9	293 1951. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,162 9,597 5,128	1 9 3 Quantity 699,808 1,001,656 81,056 140,176	325 Cost at works \$ 36,400 314,012 23,300 17,634 183,652 78,254 108,860
Total power employed Soilers	t of sure Quantity 1b. 727, 1b. 1,133, 1b. 79, 145	6 G, 1930 and 1 91 3 Cos tity wo 136 4 701 36 261 2 553 2 23 9	293 1951. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,162 9,597 5,128	1 9 3 Quantity 699,808 1,001,656 81,056 140,176	325 Cost at works \$ 36,400 314,012 23,300 17,634 183,652 78,254 108,860
Total power employed Soilers	t of sure Quantity 1b. 727, 1b. 1,133, 1b. 79, 145	6 G, 1930 and 1 91 3 Cos tity wo 136 4 701 36 261 2 553 2 23 9	293 1951. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,162 9,597 5,128 5,253	1 9 3 Quantity 699,808 1,001,656 81,056 140,176	325 1 Cost at works \$ 36,400 314,012 23,300 17,634 183,652 78,254 108,860 762,112
Total power employed Soilers	MANUFACTURING t of sure Quant lb. 727 lb. 1,133 lb. 79 lb. 145	6 G, 1930 and 1 9 3 Cos Lity wo 136 4 701 36 261 2 553 23 23 99	293 1951. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,162 9,597 5,128 5,253	1 9 3 Quantity 699,808 1,001,656 81,056 140,176	325 1 Cost at works \$ 36,400 314,012 23,300 17,634 183,652 78,254 108,860 762,112
Total power employed coilers	MANUFACTURIM t of sure Quan 1b. 727 1b. 1,133 1b. 79 1b. 145 and 1931.	6 G, 1930 and 1 9 3 Cos tity wo 136 4 701 36 261 2 553 2 23 9 21	293 1931. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,162 9,597 5,128 5,253	1 9 3 Quantity 699,808 1,001,656 81,056 140,176 3 0 1	325 1 Cost at works \$ 36,400 314,012 23,300 17,634 183,652 78,254 108,860 762,112
Total power employed coilers	MANUFACTURING t of sure Quant lb. 727 lb. 1,133 lb. 79 lb. 145 and 1931.	6 G, 1930 and 1 94 3 Cos tity wo 136 4 701 36 261 2 553 23 23 29 21 99	293 1931. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,126 0,162 9,597 5,128 5,253	1 9 3 Quantity 699,808 1,001,656 81,056 140,176 3 0 1	325 1 Cost at works \$ 36,400 314,012 23,300 17,634 183,652 78,254 108,860 762,112 9 3 1 \$ 7,304 8,706
Total power employed Soilers	MANUFACTURING t of sure Quant lb. 727 lb. 1,133 lb. 79 lb. 145 and 1931.	6 G, 1930 and 1 91 3 Cos tity wo 136 4 701 36 261 2 553 2 23 99	293 1951. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,162 9,597 5,128 5,253	1 9 3 Quantity 699,808 1,001,656 81,056 140,176 3 0 1 245 1,78 369 22 329 20	325 1 Cost at works \$ 36,400 314,012 23,300 17,634 183,652 78,254 108,860 762,112 9 3 1 \$ 7,304 8,706 9,496
Total power employed Soilers	MANUFACTURING t of sure Quant lb. 727 lb. 1,133 lb. 79 lb. 145 and 1931.	6 G, 1930 and 1 9 3 Cos tity wo 136 4 701 36 261 2 553 2 23 23 29 21 29	293 1931. 0 t at rks \$ 3,417 0,219 6,604 0,126 0,126 0,162 9,597 5,128 5,253	1 9 3 Quantity 699,808 1,001,656 81,056 140,176 3 0 1 245 1,78 369 22 329 20 573 8	325 1 Cost at works \$ 36,400 314,012 23,300 17,634 183,652 78,254 108,860 762,112 9 3 1 \$ 7,304 8,706

and which, therefore, were not included in the Inks Industry.

(x) Includes carbon paper, typewriter ribbons, rubber stamp pads, stains, colours, and other commodities made as a minor product by the ink manufacturers.

Table 11 - TOTAL	PRODUCTION OF	PRINTING	INKS ANI	PRINTERS	ROLLERS	IN CANADA,	1920-1	931

ggs complex (Ser. S. Ser. Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec	Print	ting inks	Printers' rollers and	
Years	Pounds	\$	composition	
			4	
1920	J 3 J	1,459,054	216,923	
1921	3 0 3	1,176,056	203,232	
1922	2 9 4	1,356,262	173,915	
1923	000	1.385,492	214,827	
1924	209	1,351,008	206,574	
1925	4,981,364	1,442,512	21.4,22	
1926	5,687,860	1,554,835	228,,976	
1927	6,544,532	1,813,977	245, 283	
1928	7,607,566	2,026,637	280,764	
1929	8,146,912	2,158,522	298,107	
1930	8,691,735	1,951,245	247,829	
1931	7,563,426	1,787,304	209,496	

Table 12 - IMPORTS OF INKS INTO CANADA,	1930 and 1931			
Silverstation of the regions of the second control of the second c	1 9 3	0	1 9	3 1
	Pounds	Value	Pounds	Value
		\$		\$
Printing ink - TOTAL	1,453,350	375,954	946.386	287,730
United Kingdom	68,341	54,344	51,706	40,862
United States	1,353,256	317.048	886,644	244,356
Other countries	31,753	4,562	8,036	2,512
Writing ink - TOTAL	3 3 0	46,168	95.	35,177
United Kingdom	a 5 o	14,680	230	8,759
United States	0 0 0	30,210	10 A W	24,807
Other countries	0.00	1,278		1,611

DIRECTORY OF FIRMS IN THE INKS INDUSTRY, 1931

Name	Address
(a) Printing Inks and	
Johnson, Ensley B. (x)	45 Kennedy St., Saint John, N.B.
Frontenac Ink Works Ltd.	1161 William St., Montreal, P.Q.
Robertson, J.S. (x)	175 Lagauchetiere St. W., Montreal, P.Q.
Ault & Wiborg Co. of Canada, Ltd.	82 Peter St., Toronto, Ont.
Bush Ltd., Chas.	105 Davenport Road, Toronto, Ont.
Canada Printing Ink Co. Ltd.	15 Duncan St , Toronto, 2, Ont
Canadian Fine Color Co. Ltd.	240 Logan Ave., Toronto. Ont
Dominion Printing Ink & Color Co, Ltd.	128 Pears Ave., Toronto, Ont.
Federal Inks Limited, The	40 St. Patrick St., Toronto, Ont.
Hoops Printing Ink Co., Ltd.	9 St. Clair 4, Toronto, Ont.
Manton Brothers	97 Elizabeth St., Toronto, Ont
Peerless Printing Inks Ltd.	127 Peter St., Toronto, Ont.
Sleight Metallic Ink Co. of Canada, Ltd.	366 Adelaide St. W., Toronto, Ont.
Sinclair & Valentine Co. of Canada, Ltd.	233 Richmond St. W., Toronto, Ont.
Printers' Rollers Co. (x)	175 McDermot Ave., Winnipeg, Man.
Columbia Printing Ink & Holler Co.	1260 Hamilton St., Vancouver, B.C.

⁽x) These firms did not manufacture inks but made only printers' rollers.

DIRECTORY OF FIRMS IN THE INKS INDUSTRY, 1931. continued

Name

Address

(b) Writing Inks (1)

Carters Ink Co., The
Blue Bird Ink Co. Ltd.
Poole & Company, J.E.
Reeves Ink Co.
Reliance Ink Co. Ltd.
Peerless Products Ltd.
Walmsley, Frank

4501 Drolet St., Montreal, P.Q.
124 Richmond St. W., Toronto, Ont.
18 Holly St., Toronto, Ont.
11 Jarvis St., Toronto, Ont.
520 McGee St., Winnipeg, Man.
1642 Pandora St., Vancouver, B.C.
2741 - 11th Ave. W., Vancouver, B.C.

(1) In addition to these concerns the following firms produced writing inks but did not make inks as their main product and therefore were not classified under the Inks Industry:-

L. E. Waterman Co. Ltd.
W. A. Sheaffer Pen Co. of Canada, Ltd.
La Cie Techno Chimique Masse

2 Waterman St., St. Lambert, P.Q. 169 Fleet St. W., Toronto, Ont. 204 rue St. Joseph, Lachine, P.Q.

SMITISTICS CAMADA LIBRAFI BIBLICATIGNESTA ISTOUE CAMADA 1010650737