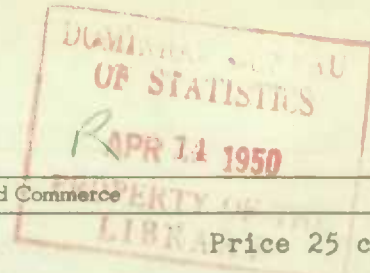


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DOMINION BUREAU OF STATISTICS  
Industry and Merchandising Division  
OTTAWA



Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

A55-50

Annual Industry Report

Chemicals and Allied Products Group

THE INKS INDUSTRY - 1948

Output of printing inks in 1948 was reported at 20,273,748 pounds valued at \$7,014,757 as against 17,843,861 pounds at \$5,883,670 for 1947, and the value of writing inks was \$319,331 compared with \$267,348 in 1947.

Printing inks were manufactured in 18 different plants in 1948, distributed, by provinces, as follows: 4 in Quebec, 13 in Ontario, and 1 in British Columbia. The total production of these concerns was valued at \$7,425,577 including some printers' rollers and other products as well as printing inks. Employees numbered 524 and salaries and wages for the year amounted to \$1,505,156. Materials for manufacturing cost \$3,417,676 and fuel and electricity cost \$61,692 delivered at the works. Output included 20,254,348 pounds of printing inks at \$6,994,907 printers' rollers at \$383,995 and miscellaneous products worth \$46,675.

Five other establishments -- 1 in Manitoba, 1 in Ontario, 2 in Quebec, and 1 in New Brunswick -- made printers' rollers but no inks. Only 23 workers were employed in these plants and their total output was valued at \$111,238. Including the output from concerns which made printing inks as well as rollers, the total production of the latter was \$495,233 in 1948.

Writing inks were made in 3 factories in Quebec, 4 in Ontario, 1 in Manitoba and 1 in British Columbia, a total of 9 establishments, which employed 95 persons and made goods valued at \$750,765. Production included writing inks at \$319,331; mucilage and paste at \$101,045; and miscellaneous articles at \$330,389.

For the entire group, there were 32 establishments which employed 642 workers and produced goods valued at \$8,287,580.

Imports of inks in 1948 included 1,213,243 pounds of printing inks valued at \$510,491; 125,265 pounds of rotogravure inks at \$48,119 and writing inks valued at \$39,508.

This report was prepared in the Mining, Metallurgical and Chemical Section.

Table 1 - PRINCIPAL STATISTICS OF THE INKS INDUSTRY, 1944-1948

Year	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1944 .....	31	616	1,303,120	46,471	2,019,380	4,740,061
1945 .....	31	641	1,341,553	46,571	2,138,428	5,037,168
1946 .....	30	653	1,330,097	59,062	2,770,760	6,244,648
1947 .....	32	719	1,464,845	61,851	3,142,522	7,022,266
1948 .....	32	642	1,711,536	72,214	3,834,263	8,287,580
Per cent change, 1948 from 1947.	..	-10.7	+16.8	+16.8	+22.0	+18.0

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

Table 2 - PRINCIPAL STATISTICS, BY SUB-GROUPS, 1944-1948

Year	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$

Printing Inks and Printers' Rollers

1944 .....	21	490	1,153,754	41,618	1,649,974	4,006,467
1945 .....	20	504	1,160,489	41,574	1,779,809	4,317,137
1946 .....	22	545	1,174,743	53,768	2,443,337	5,586,780
1947 .....	23	614	1,313,830	55,547	2,809,372	6,354,500
1948 .....	23	547	1,555,057	63,174	3,451,369	7,536,815

Writing Inks

1944 .....	10	126	149,366	4,853	369,406	733,594
1945 .....	11	137	181,064	4,997	358,619	720,031
1946 .....	8	108	155,354	5,294	327,423	657,868
1947 .....	9	105	151,015	6,304	333,150	667,766
1948 .....	9	95	156,479	9,040	382,894	750,765

TOTAL

1944 .....	31	616	1,303,120	46,471	2,019,380	4,740,061
1945 .....	31	641	1,341,553	46,571	2,138,428	5,037,168
1946 .....	30	653	1,330,097	59,062	2,770,760	6,244,648
1947 .....	32	719	1,464,845	61,851	3,142,522	7,022,266
1948 .....	32	642	1,711,536	72,214	3,834,263	8,287,580

Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1947 and 1948

Province	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
<u>1947</u>						
Quebec .....	9	112	180,505	10,658	366,416	872,007
Ontario .....	18	584	1,245,144	49,391	2,693,148	6,020,554
Manitoba .....	2)					
British Columbia .....	)	23	39,196	1,802	82,958	129,705
New Brunswick .	2)					
	1)					
CANADA .....	32	719	1,464,845	61,851	3,142,522	7,022,266
<u>1948</u>						
Quebec .....	9	103	196,057	12,435	431,841	980,522
Ontario .....	18	517	1,473,004	57,806	3,316,427	7,171,379
Manitoba .....	2)					
British Columbia .....	)	22	42,475	1,973	85,995	135,679
New Brunswick .	2)					
	1)					
CANADA .....	32	642	1,711,536	72,214	3,834,263	8,287,580

Table 4 - PRODUCTS OF THE INKS INDUSTRY, 1947 and 1948

Product	Unit of measure	1947		1948	
		Quantity	Selling value at works	Quantity	Selling value at works
			\$		\$
Printers' inks -					
Newspaper .....	lb.	11,974,792	2,276,170	13,840,063	2,680,815
Lithographing .....	lb.	1,014,996	812,317	1,426,289	1,230,672
Other .....	lb.	4,854,073	2,795,183	5,007,396	3,103,270
Writing inks .....	lb.	780,690	267,348	946,147	319,331
Printers' rollers ....	...	...	423,826	...	495,233
Mucilage and paste ...	...	...	85,861	...	101,871
All other products (*)	...	...	361,561	...	356,388
TOTAL .....	...	...	7,022,266	...	8,287,580

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

Table 5 - MATERIALS USED IN THE INKS INDUSTRY, 1947 and 1948

Material	Unit of measure	1 9 4 7		1 9 4 8	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Carbon black .....	lb.	1,095,899	92,856	1,227,935	117,716
Dry colours .....	lb.	2,657,079	1,089,065	2,834,269	1,257,546
Glue .....	lb.	96,661	32,081	91,320	34,952
Glycerine .....	lb.	170,294	54,701	170,040	65,692
Gums .....	lb.	1,121,514	229,616	1,268,093	269,503
Oils - Castor .....	gal.	926	2,792	1,038	4,092
Chinawood (Tung) .....	lb.	28,451	8,831	59,667	15,574
Cottonseed .....	lb.	2,174	565	1,759	580
Linseed .....	Imp. gal.	110,524	257,845	103,214	255,457
Other oils .....	...	...	103,387	...	201,792
Starch .....	lb.	162,453	11,074	138,229	15,058
Varnishes .....	Imp. gal.	180,377	311,559	235,886	487,604
Wax - Beeswax .....	lb.	2,907	1,155	12,332	3,917
Carnauba .....	lb.	5,387	7,025	7,108	5,728
Paraffin .....	lb.	17,494	1,915	14,349	1,866
Other .....	lb.	24,551	9,376	28,942	10,963
All other materials .....	...	...	711,621	...	831,112
Containers, packing materials	...	...	217,058	...	255,111
<b>TOTAL .....</b>	<b>...</b>	<b>...</b>	<b>3,142,522</b>	<b>...</b>	<b>3,834,263</b>

Table 6 - TOTAL PRODUCTION OF PRINTING INKS AND PRINTERS' ROLLERS, 1939-1948

Year	Printing Inks		Printers' rollers and composition \$
	Pounds	\$	
1939 .....	9,155,170	2,692,717	255,011
1940 .....	9,793,866	2,984,333	277,391
1941 .....	11,091,468	3,767,697	298,438
1942 .....	10,390,510	3,683,455	257,724
1943 .....	10,410,295	3,510,822	246,795
1944 .....	10,432,495	3,582,309	253,714
1945 .....	12,502,374	3,998,471	298,573
1946 .....	15,891,841	5,221,522	345,765
1947 .....	17,843,861	5,883,670	423,826
1948 .....	20,273,748	7,014,757	495,233

Table 7 - TOTAL PRODUCTION OF WRITING INKS, 1939-1948

Year	Selling value at works ↓	Year	Selling value at works ↓
1939 .....	271,374	1944 .....	448,279
1940 .....	276,330	1945 .....	416,924
1941 .....	380,129	1946 .....	310,230
1942 .....	419,524	1947 .....	267,348
1943 .....	556,627	1948 .....	319,331

Table 8 - IMPORTS OF INKS, 1947 and 1948

	1 9 4 7		1 9 4 8	
	Quantity lb.	Value \$	Quantity lb.	Value \$
Printing ink -				
From - United Kingdom ...	153,020	95,337	389,602	138,848
United States ....	730,617	280,029	823,057	371,203
Other .....	120	76	584	440
TOTAL .....	883,757	375,442	1,213,243	510,491
Rotogravure ink -				
From - United States ....	27,520	12,919	125,265	48,119
TOTAL .....	27,520	12,919	125,265	48,119
Writing ink -				
From - United Kingdom ...	...	1,409	...	1,207
United States ....	...	28,086	...	38,077
Hong Kong .....	...	118	...	121
Other .....	...	180	...	103
TOTAL .....	...	29,793	...	39,508

Table 9 - EMPLOYEES, SALARIES AND WAGES, IN THE INKS INDUSTRY, BY PROVINCES, 1947 and 1948

Province	Average Number of Employees					Salaries \$	Wages \$	TOTAL SALARIES and WAGES \$
	On salaries		On wages		Total			
	Male	Female	Male	Female	Total			
<u>1 9 4 7</u>								
Quebec .....	26	10	59	17	112	85,378	95,127	180,505
Ontario .....	126	72	360	26	584	465,943	779,201	1,245,144
Other provinces	7	2	13	1	23	21,162	18,034	39,196
CANADA ...	159	84	432	44	719	572,483	892,362	1,464,845
<u>1 9 4 8</u>								
Quebec .....	27	9	47	20	103	92,534	103,523	196,057
Ontario .....	98	77	323	19	517	604,485	868,519	1,473,004
Other provinces	8	2	11	1	22	24,435	18,040	42,475
CANADA ...	133	88	381	40	642	721,454	990,082	1,711,536

LIST OF FIRMS IN THE INKS INDUSTRY - 1948

Name of Firm	Address
(a) <u>Writing Inks.</u>	
<u>Quebec -</u>	
Carter's Ink Company of Canada Ltd.	4501 Drolet St., Montreal
La Cie Techno Chimique Masse	20 - 6th Avenue, Lachine
L. E. Waterman Co. Ltd.	2 Waterman St., St. Lambert
<u>Ontario -</u>	
Blue Bird Ink Company Limited	124 Richmond St. W., Toronto
Poole, J. E., Company	18 Holly St., Toronto
Reeves, L. A., Ink Co.	215-217 Niagara St. W., Toronto
Blue Ribbon Ink and Stationery Co.	654 College St., Toronto
<u>Manitoba -</u>	
Reliance Ink Co. Limited	520 McGee St., Winnipeg
<u>British Columbia -</u>	
Peerless Products Limited	2233 Yukon St., Vancouver
(b) <u>Printing Inks and Printers' Rollers</u>	
<u>New Brunswick -</u>	
Johnson, Ensley B. (*)	45 Kennedy St., Saint John
<u>Quebec -</u>	
Bedwell & Company	3415 Colonial Ave., Montreal
Levey, F. H., Company (Canada) Ltd.	7147 Park Ave., Montreal
Printcraft Supply Co. (*)	254 Queen St., Montreal
Robertson, J. S. (*)	175 Lagachetiere St. W., Montreal
Frontenac Ink Works Ltd.	400 Aqueduct St., Montreal
Murray-Hill Agencies Reg'd.	427 St. Francois-Xavier St., Montreal
<u>Ontario -</u>	
Ault & Wiborg Co. of Canada Ltd.	82 Peter St., Toronto
Bush-Federal Ltd.	105 Davenport Rd., Toronto
Canada Printing Ink Company Limited	15 Duncan St., Toronto
Canadian Fine Color Co. Limited	240 Logan Ave., Toronto
Dominion Printing Ink & Colour Co. Limited	128 Pears Ave., Toronto
General Printing Ink Corp. of Canada Ltd.	London, and 821 Queen St. E., Toronto
Manton Brothers Limited	97-105 Elizabeth St., Toronto

List of Firms in the Inks Industry - 1948 (Concluded)

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Name of Firm

Address

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(b) Printing Inks and Printers' Rollers (concluded)

Ontario - (concluded)

Markrite Manufacturing Company	356 Bay St., Toronto
Perma-Flex Industries Ltd.	66 Fraser Ave., Toronto
Rieger Printing Ink Company Limited	100 Montcalm Ave., Toronto
Sinclair and Valentine Co. of Canada Limited	240 Madison Ave., Toronto
Toronto Star Limited	80 King St. W., Toronto
Hendershot Inks Ltd.	241 Dovercourt Rd., Toronto

Manitoba -

Printers' Roller Co. (*)	175 McDermot Ave., Winnipeg
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British Columbia -

Columbia Printing Ink & Roller Co. Ltd.	1350 Hornby St., Vancouver
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(\*) Do not make ink; make printers' rollers.

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