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DOMINION BUREAU OF STATISTICS — DEPARTMENT OF TRADE AND COMMERCE
CANADA

THE INKS INDUSTRY

1950

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

Prepared in the Mining, Metallurgical and Chemical Section
Industry and Merchandising Division
Dominion Bureau of Statistics
Ottawa

NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus and Supplies
- XVI Non-metallic Mineral Products
- XVII Products of Petroleum and Coal
- XVIII Chemicals and Allied Products

The present report belongs in Group XVIII, Chemicals and Allied Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A General Review, 25¢.
- B The Acids, Alkalies and Salts Industry, 25¢.
- C The Fertilizer Manufacturing Industry, 25¢.
- D The Fertilizer Trade in Canada, 30¢.
- E The Medicinal and Pharmaceutical Preparations Industry, 25¢.
- F The Paints, Varnishes and Lacquers Industry, 25¢.
- G The Primary Plastics Industry, 25¢.
- H The Soaps, Washing Compounds and Cleaning Preparations Industry, 25¢.
- I The Toilet Preparations Industry, 25¢.
- J The Vegetable Oils Industry, 25¢.
- K The Inks Industry, 25¢.
- L The Adhesives Industry, 25¢.
- M The Polishes and Dressings Industry, 25¢.
- N The Compressed Gases Industry, 25¢.
- O The Coal Tar Distillation Industry, 25¢.
- P The Miscellaneous Chemical Products Industry, 25¢.

THE INKS INDUSTRY

1950

Output of printing inks in 1950 was reported at 22,556,861 pounds valued at \$8,769,128 as against 21,567,526 pounds at \$7,586,964 for 1949, and the value of writing inks was \$446,513 compared with \$391,638 in 1949.

Printing inks were manufactured in 16 different plants in 1950, distributed, by provinces, as follows: 3 in Quebec, 12 in Ontario, and 1 in British Columbia. The total production of these concerns was valued at \$9,219,272, including some printers' rollers and other products as well as printing inks. Employees numbered 672, and salaries and wages for the year amounted to \$1,970,144. Materials for manufacturing cost \$4,095,222 and fuel and electricity cost \$67,153 delivered at the works. Output included 22,468,536 pounds of printing inks at \$8,707,296, printers' rollers at \$524,971 and miscellaneous products worth \$144,603.

Five other establishments — 1 in Manitoba, 1 in Ontario, 2 in Quebec, and 1 in New Brunswick — made printers' rollers, but no inks. Only 29 workers were employed in these plants and their total output was

valued at \$157,598. Including the output from concerns which made printing inks as well as rollers, the total production of the latter was \$524,971 in 1950.

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 \$840,845. Production included writing inks at \$286,240; mucilage and paste at \$108,365, and miscellaneous articles at \$446,240. There was quite a large production of writing inks by concerns in the pens and pencils industry.

For the entire group, there were 30 establishments which employed 796 workers and produced goods valued at \$10,217,715.

Imports of inks in 1950 included 1,384,515 pounds of printing inks valued at \$744,490; 327,257 pounds of rotogravure inks at \$131,164 and writing inks valued at \$54,242.

TABLE 1. Principal Statistics of the Inks Industry, by Sub-Groups, 1946-1950

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	Net ¹ value of production
			\$	\$	\$	\$	\$
PRINTING INKS AND PRINTERS' ROLLERS							
1946.....	22	545	1,174,743	53,768	2,443,337	5,586,780	3,089,675
1947.....	23	614	1,313,830	55,547	2,809,372	6,354,500	3,489,561
1948.....	23	547	1,555,357	63,174	3,451,369	7,536,815	4,022,272
1949.....	23	613	1,799,419	56,901	3,608,306	8,161,880	4,496,673
1950.....	21	701	2,044,174	70,838	4,133,018	9,376,970	5,173,014
WRITING INKS							
1946.....	8	108	155,354	5,294	327,423	657,868	325,151
1947.....	9	105	151,015	6,304	333,150	667,766	328,312
1948.....	9	95	156,479	9,040	382,694	750,765	358,831
1949.....	9	91	169,375	6,385	394,007	777,758	377,366
1950.....	9	95	185,977	9,110	437,536	840,845	334,199
TOTAL							
1946.....	30	653	1,330,097	59,062	2,770,760	6,244,648	3,414,826
1947.....	32	719	1,464,845	61,351	3,142,522	7,022,266	3,817,893
1948.....	32	642	1,711,536	72,214	3,834,263	8,287,580	4,381,103
1949.....	32	704	1,968,794	63,236	4,002,313	8,939,638	4,874,039
1950.....	30	796	2,230,151	79,948	4,570,554	10,217,715	5,567,213
Per cent change, 1950 from 1949.....	-		+ 13.3	+ 26.3	+ 13.1	+ 14.3	+ 11.4

1. Gross value less cost of materials, fuel and electricity.

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 Provinces, 1949 and 1950

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
			\$	\$	\$	\$
1949						
Quebec.....	9	96	213,969	10,817	407,077	962,065
Ontario.....	18	585	1,707,152	50,322	3,505,595	7,811,896
Manitoba	2	} 23	47,673	2,147	89,641	165,677
British Columbia	2					
New Brunswick.....	1					
Canada.....	32	704	1,968,794	63,286	4,002,313	8,939,638
1950						
Quebec.....	8	115	242,055	14,060	482,509	1,078,082
Ontario.....	17	658	1,937,446	63,852	4,003,990	8,968,347
Manitoba	2	} 23	50,650	2,036	84,055	171,286
British Columbia	2					
New Brunswick.....	1					
Canada.....	30	796	2,230,151	79,948	4,570,554	10,217,715

TABLE 3. Products of the Inks Industry, 1949 and 1950

Product	Unit of measure	1949		1950	
		Quantity	Selling value at works	Quantity	Selling value at works
			\$		\$
Printers' inks:					
Newspaper.....	lb.	11,622,985	1,078,480	11,911,722	1,089,532
Lithographing	lb.	4,236,346	3,050,106	4,134,355	3,438,314
Letterpress	lb.	4,493,923	3,110,093	5,006,391	3,692,164
Other.....	lb.	1,214,272	348,285	1,504,393	549,118
Writing inks.....	—	—	316,807	—	287,240
Printers' rollers.....	—	—	504,194	—	524,971
Mucilage and paste	—	—	85,830	—	108,515
All other products ¹	—	—	445,843	—	527,861
Total	—	—	8,939,638	—	10,217,715

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

TABLE 4. Materials Used in The Inks Industry, 1949 and 1950

Material	Unit of measure	1949		1950	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Acids:					
Gallic	lb.	1,063	1,710	1,027	1,723
Tannic	lb.	3,402	4,352	4,643	6,528
Carbon black.....	lb.	1,334,075	139,376	1,176,767	157,513
Dry colours	lb.	2,688,109	1,194,816	3,442,974	1,568,313
Glue	lb.	76,894	29,302	92,637	31,666
Glycerine.....	lb.	181,322	58,205	259,169	95,638
Gums and resins:					
Natural.....	lb.	191,757	36,036	721,316	81,708
Synthetic	lb.	1,047,791	210,889	1,292,158	301,122
Oils:					
Castor	Imp. gal.	1,831	5,211	2,913	6,735
Chinawood (Tung)	lb.	33,947	8,593	72,104	20,447
Cottonseed	lb.	1,740	587	781	195
Linseed	Imp. gal.	101,411	197,726	124,720	226,355
Petroleum ink oils	Imp. gal.	1,127,519	237,348	1,066,740	219,232
Other oils.....	—	—	11,378	192,787	27,404
Starch.....	lb.	132,840	14,392	162,700	18,262
Varnishes.....	Imp. gal.	334,864	636,526	255,724	582,768
Wax:					
Eeeswax	lb.	12,824	3,744	17,186	5,841
Carnauba	lb.	6,410	4,409	4,815	4,922
Paraffin	lb.	21,149	1,977	23,240	4,322
Synthetic	lb.	11,540	4,921	12,483	6,402
Other	lb.	—	4,852	7,717	4,790
All other materials	—	—	877,339	—	870,408
Containers, packing materials	—	—	318,624	—	328,260
Total	—	—	4,002,313	—	4,570,554

TABLE 5. Total Production of Printing Inks and Printers' Rollers, 1941-1950

Year	Printing Inks		Printers' rollers and composition
	Pounds	\$	\$
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.....	20,251,448	6,991,707	495,233
1949.....	21,567,526	7,586,964	504,194
1950.....	22,556,861	8,769,128	524,971

TABLE 6. Total Production of Writing Inks, 1941-1950 (From all industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1941.....	380,129	1946.....	310,230
1942.....	419,524	1947.....	267,348
1943.....	556,627	1948.....	423,686
1944.....	448,279	1949.....	391,638
1945.....	416,924	1950.....	446,513

TABLE 7. Imports of Inks, 1949 and 1950

	1949		1950	
	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$
Printing ink:				
From - United Kingdom.....	227,028	132,470	310,230	143,855
United States.....	926,342	450,269	1,074,285	600,635
Other.....	542	334	—	—
Total	1,153,912	583,073	1,384,515	744,490
Rotogravure ink:				
From - United States.....	205,483	85,159	327,257	131,164
Total	205,483	85,159	327,257	131,164
Writing ink:				
From - United Kingdom.....	—	3,165	—	4,502
United States.....	—	48,955	—	49,025
Hong Kong.....	—	331	—	407
Other.....	—	735	—	308
Total	—	53,186	—	54,242

TABLE 8. Employees, Salaries and Wages, in the Inks Industry, by Provinces, 1949 and 1950

Province	Average number of employees					Salaries	Wages	Total salaries and wages
	On salaries		On wages		Total			
	Male	Female	Male	Female				
						\$	\$	\$
1949								
Quebec.....	22	8	48	18	96	93,245	120,724	213,969
Ontario.....	100	74	390	21	585	681,487	1,025,665	1,707,152
Other provinces.....	8	2	13	—	23	25,165	22,508	47,673
Canada	130	84	451	39	704	799,897	1,168,897	1,968,794
1950								
Quebec.....	30	12	52	21	115	116,209	125,486	242,055
Ontario.....	132	83	421	22	658	812,731	1,124,715	1,937,446
Other provinces.....	9	2	11	1	23	30,239	20,411	50,650
Canada	171	97	484	44	796	959,179	1,270,972	2,230,151

List of Firms in the Inks Industry - 1950

Name of Firm	Address
(a) Writing Inks	
QUEBEC:	
Carter's Ink Company of Canada Limited, The	4501 Drolet St; Montreal
La Cie Techno Chimique Massé	20-6th Avenue, Lachine
L.E. Waterman Co. Limited	2 Waterman St; St. Lambert
ONTARIO:	
Blue Bird Ink Company	124 Richmond St. W; Toronto
Poole, J.E., Company Limited, The	18 Holly St., Toronto
Reeves, L.A., Ink Company	215-217 Niagara St., Toronto
Blue Ribbon Ink Company.....	Rear 700 Spadina Ave., Toronto
MANITOBA:	
Rellance Ink Co. Limited	520 McGee St , Winnipeg
BRITISH COLUMBIA:	
Peerless Products Limited.....	2233 Yukon St., Vancouver
(b) Printing Inks and Printers' Rollers	
NEW BRUNSWICK:	
Johnson, Ensley B. ¹	45 Kennedy St., Saint John
QUEBEC:	
Bedwell & Company.....	3415 Colonial Ave., Montreal
Levey, Fred'k H., Company (Canada) Ltd	7147 Park Ave., Montreal
Printcraft Supply Co. ¹	254 Queen St., Montreal
Robertson, J.S. ¹	175 Lagauchetière St. W., Montreal
Frontenac Ink Works Limited	400 Aqueduct St., Montreal
ONTARIO:	
Ault & Wiborg Co. of Canada Limited	82 Peter St., Toronto
Bush-Federal Limited	296 Lakeshore Road, Toronto
Canada Printing Ink Company Limited	15 Duncan St., Toronto
Canadian Fine Color Co. Limited	240 Logan Ave., Toronto
General Printing Ink Corporation of Canada Ltd.	London, and 821 Queen St. E., Toronto
Hendershot Inks Ltd.....	241 Dovercourt Rd., Toronto
Levey, Fred'k H., Company (Canada) Ltd.	1244 Dufferin St., Toronto
Manton Brothers Limited.....	97-105 Elizabeth St., Toronto
Markrite Manufacturing Company	356 Bay St., Toronto
Perma-Flex Industries Limited	66 Fraser Ave., Toronto
Rieger Printing Ink Company Limited.....	41 Clarkson Ave., Toronto
Sinclair and Valentine Co. of Canada Limited	240 Madison Ave., Toronto
Toronto Star Limited, The	275 Albany Ave., Toronto
MANITOBA	
Printers' Roller Co. ¹	175 McDermot Ave., Winnipeg
BRITISH COLUMBIA:	
Columbia Printing Ink & Roller Co. Ltd.....	543 Powell St., Vancouver

1. Do not make ink; make printers' rollers.

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