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THE INKS INDUSTRY
1952

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** - The Primary Industries, including mining, forestry and fisheries; **Volume II** - Manufacturing; **Volume III** - Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I - General Review of the Manufacturing Industries, \$1.50
- II - The Manufacturing Industries, by Provinces
 - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢
 - Section 2. Principal Statistics of Individual Industries, 75¢
 - Section 3. Principal Statistics by Regional Distribution, 75¢
- III - Foods and Beverages
- IV - Tobacco and Tobacco Products
- V - Rubber Products
- VI - Leather Products
- VII - Textiles
- VIII - Wood and Paper Products
- IX - Printing Trades
- X - Iron and Steel Products
- XI - Transportation Equipment
- XII - Non-ferrous Metal Products
- XIII - Electrical Apparatus and Supplies
- XIV - Non-metallic Mineral Products
- XV - Products of Petroleum and Coal
- XVI - Chemicals and Allied Products
- XVII - Miscellaneous Manufactures

The present report belongs in Part XVI, 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 Fertilizers Industry, 25¢
- D - The Fertilizer Trade in Canada, 25¢
- 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

1952

Output of printing inks in 1952 was reported at 22,068,770 pounds valued at \$9,375,202 as against 22,051,887 pounds at \$9,088,296 for 1951, and the value of writing inks was \$458,211 compared with \$426,631 in 1951.

Establishments concerned principally with the manufacture of printing inks numbered 20 in 1952, distributed, by provinces, as follows: 5 in Quebec, 14 in Ontario and 1 in British Columbia. The total production of these concerns was valued at \$9,744,151, including some printers' rollers and other products, as well as printing inks. Employees numbered 724 and salaries and wages for the year amounted to \$2,265,250. Materials for manufacturing cost \$4,325,068 and fuel and electricity cost \$77,955 delivered at the works. Output included 21,972,145 pounds of printing inks at \$9,259,442, printers' rollers at \$416,323 and miscellaneous products worth \$68,386.

Five other establishments—1 in Manitoba, 1 in Ontario, 2 in Quebec and 1 in New Brunswick—made printers' rollers, but no inks. Only 34 workers were employed in these plants and their total output was valued at \$209,086. Including the output from concerns which made printing inks as well as rollers, the total production of the latter was \$623,587 in 1952.

The manufacture of writing inks as a principal product was reported by 3 factories in Quebec, 4 in Ontario, 1 in Manitoba and 1 in British Columbia. These 9 establishments employed 96 persons and made goods valued at \$970,316. Production included writing inks at \$313,921, mucilage and paste at \$112,635 and miscellaneous articles at \$543,760. Writing inks were made also by firms classified to other industry groups. The value reported by the latter in 1952 amounted to \$144,020.

For the entire group, there were 34 establishments which employed 854 workers and produced goods valued at \$10,923,553.

Imports of inks in 1952 included 1,418,520 pounds of printing inks valued at \$728,685; 402,689 pounds of rotogravure inks at \$30,315 and writing inks valued at \$56,527. Exports included 103,898 pounds of printing inks at \$39,322 and other inks worth \$8,293.

Note: Data presented in this bulletin for 1952 under the heading of "Production" actually represent "Factory Shipments" and therefore, are not exactly comparable with previous years.

TABLE 1. Principal Statistics of the Inks Industry, by Sub-Groups, 1948-1952

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			
1948	23	547	1,555,057	63,174	3,451,369	7,536,815
1949	23	613	1,799,419	56,901	3,608,306	8,161,880
1950	21	701	2,044,174	70,838	4,133,018	9,376,870
1951	25	734	2,263,684	76,233	4,739,314	9,679,655
1952	25	758	2,381,448	81,363	4,365,415	9,953,237
			Writing Inks			
1948	9	95	156,479	9,040	382,894	750,765
1949	9	91	169,375	6,385	394,007	777,758
1950	9	95	185,977	9,110	437,536	840,845
1951	9	94	188,330	8,998	469,047	903,107
1952	9	96	202,772	7,458	473,916	970,316
			Total			
1948	32	642	1,711,536	72,214	3,834,263	8,287,580
1949	32	704	1,968,794	63,286	4,002,313	8,939,638
1950	30	796	2,230,151	79,948	4,570,554	10,217,715
1951	34	828	2,452,014	85,231	5,208,361	10,582,762
1952	34	854	2,584,220	88,821	4,839,331	10,923,553 ¹
Per cent change, 1952 from 1951	-	+ 3.1	+ 5.4	+ 4.2	- 7.1	+ 3.2

1. The 1952 total represents the value of factory shipments. The inventory value of finished products at plant at end of 1951 amounted to \$361,000 and at end of 1952 to \$416,000.

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, 1951 and 1952

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
			\$	\$	\$	\$
1951						
Quebec	10	116	283,878	14,249	556,333	1,263,915
Ontario	19	688	2,110,953	68,460	4,558,856	9,135,641
Manitoba	2	24	57,183	2,522	93,172	183,206
British Columbia	2					
New Brunswick	1					
Canada	34	828	2,452,014	85,231	5,208,361	10,582,762
1952						
Quebec	10	109	291,516	12,735	572,811	1,309,997
Ontario	19	719	2,227,232	74,118	4,180,266	9,421,618
Manitoba	2	26	65,472	1,968	86,254	191,938
British Columbia	2					
New Brunswick	1					
Canada	34	854	2,584,220	88,821	4,839,331	10,923,553

TABLE 3. Products of the Inks Industry, 1951 and 1952

Product	1951		1952	
	Quantity	Selling value at works	Quantity	Selling value at works
	Pounds	\$	Pounds	\$
Printers' inks:				
Newspaper	11,826,075	1,129,396	12,589,413	1,272,469
Lithographing	3,488,769	3,158,132	3,035,212	3,119,906
Letterpress	4,443,925	3,942,161	4,424,663	3,982,094
Other	2,293,118	858,607	2,019,482	1,000,733
Writing inks	—	288,762	—	314,191
Printers' rollers	—	591,357	—	623,587
Mucilage and paste	—	112,988	—	112,635
All other products ¹	—	501,359	—	497,938
Total	—	10,582,762	—	10,923,553

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, 1951 and 1952

Material	Unit of measure	1951		1952	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Acids:					
Gallic	lb.	589	1,084	631	1,089
Tannic	"	4,041	6,061	3,694	4,173
Carbon black	"	1,319,219	164,850	1,433,997	177,711
Dextrine	"	63,740	6,661	59,000	6,272
Driers	"	133,272	54,845	152,267	67,102
Dry colours	"	3,195,995	1,645,314	2,993,326	1,515,642
Glue	"	77,660	31,083	71,192	28,190
Glycerine	"	199,059	132,067	162,500	66,973
Gums and resins:					
Natural	lb.	632,251	86,194	338,711	52,003
Synthetic	"	1,464,104	388,813	1,534,130	360,749
Oils:					
Castor	Imp. gal.	4,219	16,912	1,880	6,061
Chinawood (Tung)	lb.	80,481	29,428	56,142	15,154
Linseed	Imp. gal.	185,046	402,485	99,047	194,956
Petroleum ink oils	"	992,308	229,482	1,113,642	284,585
Other oils	lb.	129,907	39,447	76,074	17,193
Solvents (benzol, naphtha, alcohol, etc.)	Imp. gal.	638,011	304,629	533,791	290,544
Starch	lb.	82,050	10,539	82,900	11,414
Varnishes	Imp. gal.	269,472	608,495	258,854	591,060
Wax:					
Beeswax	lb.	18,856	7,776	7,292	4,854
Carnauba	"	8,193	10,124	11,928	12,293
Paraffin	"	42,266	6,790	31,582	4,437
Synthetic	"	23,684	13,744	29,565	15,713
Other	"	10,097	5,628	12,344	6,357
All other materials	—	—	598,884	—	750,012
Containers, packing materials	—	—	407,026	—	354,794
Total	—	—	5,208,391	—	4,839,331

TABLE 5. Total Production of Printing Inks and Printers' Rollers, 1943-1952

Year	Printing inks		Printers' rollers and composition
	Pounds	\$	\$
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
1951	22,051,887	9,088,296	591,357
1952	22,068,770	9,375,202	623,587

TABLE 6. Total Production of Writing Inks, 1943-1952 (From all industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1943	556,627	1948	423,686
1944	448,279	1949	391,638
1945	416,924	1950	446,513
1946	310,230	1951	426,631 ¹
1947	267,348	1952	458,211

1. Revised.

TABLE 7. Imports and Exports of Inks, 1951 and 1952

	1951		1952	
	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$
(a) Imports				
Printing ink:				
From — United Kingdom	452,715	221,630	272,481	130,541
United States	1,001,864	570,217	1,143,851	596,884
Other	262	159	2,188	1,260
Total	1,454,841	792,006	1,418,520	728,685
Rotogravure ink:				
From — United States	177,271	87,761	402,689	80,315
Total	177,271	87,761	402,689	80,315
Writing ink:				
From — United Kingdom	—	3,769	—	5,288
United States	—	40,855	—	48,769
Hong Kong	—	—	—	106
Other	—	1,009	—	2,364
Total	—	45,633	—	56,527

TABLE 7. Imports and Exports of Inks, 1951 and 1952 - Concluded

	1951		1952	
	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$
(b) Exports				
Printing ink:				
To - United Kingdom	2,000	2,900	200	283
Union of South Africa	64,005	46,480	45,613	23,350
United States	13,016	15,494	7,223	7,936
Other	16,863	6,488	50,862	7,753
Total	95,884	71,362	103,898	39,322
Ink, other:				
To - Hong Kong	-	23,403	-	3,888
Belgian Congo	-	1,280	-	335
Turkey	-	3,240	-	-
United States	-	1,929	-	1,599
Other	-	1,843	-	2,471
Total	-	31,695	-	8,293

TABLE 8. Employees and Their Earnings, in the Inks Industry, by Provinces, 1951 and 1952

Province	Average number of employees				Total	Earnings		
	Supervisory and office		Production and related workers			Supervisory and office	Production and related workers	Total
	Male	Female	Male	Female				
1951								
Quebec	27	13	54	22	116	135,540	148,338	283,878
Ontario	140	80	450	18	688	833,408	1,277,545	2,110,953
Other provinces	9	2	11	2	24	28,817	28,366	57,183
Canada	176	95	515	42	828	997,765	1,454,249	2,452,014
1952								
Quebec	27	12	48	22	109	132,801	158,715	291,516
Ontario	145	83	462	29	719	910,525	1,316,707	2,227,232
Other provinces	8	3	12	3	26	31,192	34,280	65,472
Canada	180	98	522	54	854	1,074,518	1,509,702	2,584,220

TABLE 9. Capital Investment in the Inks Industry, 1948-1952

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital investment
	Construction	Machinery and equipment		Construction	Machinery and equipment		
1948	31	113	144	256	173	429	573
1949	159	104	263	23	45	68	331
1950	247	176	423	15	39	54	477
1951	126	210	336	49	40	89	425
1952 ¹	20	146	166	8	25	33	199

1. Preliminary.



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List of Firms in the Inks Industry, 1952

Name of firm	Address
(a) Writing Inks	
Quebec:	
Carter's Ink Company of Canada Limited, The.....	4501 Drolet St., Montreal
La Cie Tecuno Chimique Massé	20 - 6th Avenue, Lachine
L.E. Waterman Company Limited	2 Waterman St., St. Lambert
Ontario:	
Blue Bird Ink Company Limited	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:	
Reliance Ink Co., Limited	520 McGee St., Winnipeg
British Columbia:	
Peerless Products Limited	2233 Yukon St., Vancouver
(b) Printing Inks and Printers' Rollers	
New Brunswick:	
Hickman Bros. ¹	51 Kennedy St., Saint John
Quebec:	
Barlow & Co., Ltd.	408 St. Gabriel St., Montreal
Bedwell & Company	3415 Colonel Ave., Montreal
Frontenac Ink Works Limited	400 Aqueduct St., Montreal
Gresham Company Reg'd.	1081 Wellington St., Montreal
Levey, Fred'k H., Company (Canada) Ltd.	7147 Park Ave., Montreal
Printcraft Supply Co. ¹	254 Queen St., Montreal
Robertson, J. S., Reg'd. ¹	175 Lagauchetière St. W., Montreal
Ontario:	
Argus Printing Inks Ltd.	434 Royal York Rd. S., Toronto
Ault & Wiborg Co. of Canada Limited, The	82 Peter St., Toronto
Bush-Federal Limited	296 Lakeshore Road, Toronto
Canada Printing Ink Company Limited, The	15 Duncan St., Toronto
Canadian Blue Color Co. Limited	240 Logan Ave., Toronto
General Printing Ink Corporation of Canada Ltd.	821 Queen St. E., Toronto
Hendershot Inks Ltd.	65 Shaw St., Toronto
Inter-Provincial Inks Limited	28 Nashville Ave., Toronto
Levey, Fred'k H., Company (Canada) Ltd.	1244 Dufferin St., Toronto
Manton Brothers Limited	93 Elizabeth St., Toronto
Markrite Manufacturing Company	356 Bay St., Toronto
Perma-Flex Industries Limited ¹	2710 St. Clair Ave., Toronto
Rieger Printing Ink Company Limited	41 Clarkson Ave., Toronto
Sinclair and Valentine Company 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. These concerns make printers' rollers only.