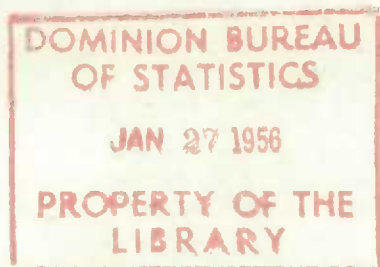


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THE INKS INDUSTRY
1954



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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 or provinces 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 of Canada, (7 sections, as follows):
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 25¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 25¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textile Mills
- VIII—Knitting Mills
- IX—Clothing
- X—Wood and Paper Products
- XI—Printing Trades
- 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
- XIX—Miscellaneous Manufactures

The present report belongs in Part 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 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

1954

Output of printing inks in 1954 was reported at 26,854,350 pounds valued at \$11,648,790 as against 25,735,017 pounds at \$11,125,566 for 1953. The value of writing inks, including output reported by firms classified to other industry groups, was \$516,418 compared with \$492,930 in 1953.

Establishments concerned principally with the manufacture of printing inks numbered 20 in 1954, distributed, by provinces, as follows: 4 in Quebec, 15 in Ontario and 1 in British Columbia. Factory shipments reported by these concerns were valued at \$12,010,965, including some printers' rollers and other products as well as printing inks. Employees numbered 832 and salaries and wages for the year amounted to \$2,829,454. Materials for manufacturing cost \$4,603,391 and fuel and electricity cost \$99,414 delivered at the works. Output included 26,752,500 pounds of printing inks at \$11,530,858, printers' rollers at \$427,647 and miscellaneous products worth \$52,460.

Five other establishments—1 in Manitoba, 1 in Ontario, 2 in Quebec and 1 in New Brunswick—made printers' rollers, but no inks. Only 35 workers were employed in these plants and their total output was valued at \$258,487. Including the output from concerns which made printing inks as well as rollers, the total production of the latter was \$676,912 in 1954.

The manufacture of writing inks was reported by 8 factories in this industry, 3 in Quebec, 3 in Ontario, 1 in Manitoba and 1 in British Columbia. These establishments employed 97 persons and made goods valued at \$1,127,038. Production included writing inks at \$375,616, mucilage and paste at \$116,662 and miscellaneous articles at \$634,760. Writing inks were made also by firms classified to other industry groups. The value reported by the latter in 1954 amounted to \$140,802.

For the entire group there were 33 establishments which employed 964 workers and produced goods valued at \$13,396,490.

Imports of inks in 1954 included 1,940,935 pounds of printing inks valued at \$920,815; 587,125 pounds of rotogravure inks at \$171,507 and writing inks valued at \$83,522. Exports included 56,031 pounds of printing inks at \$32,706 and other inks worth \$10,384.

Note: Figures for value added by manufacture shown in Table 1 prior to 1952 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1952, the gross value of production was replaced by value of factory shipments, f.o.b. plant. As no information on inventory change is available for 1952 and 1953, value added figures for these years were obtained by subtracting from the value of shipments the cost of materials, fuel and electricity. In 1954, information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figure for 1954.

TABLE 1. Principal Statistics of the Inks Industry, Significant Years, 1929-1954, and by Provinces, 1953 and 1954

Year and province	Estab- lish- ments	Em- ployees	Earnings	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	No.	No.	\$	\$	\$	\$	\$
1929	22	392	785,778	29,918	1,097,315	1,910,816	3,038,049
1933	28	394	643,063	31,313	758,700	1,316,423	2,106,436
1937	31	520	882,449	37,053	1,278,720	1,954,733	3,270,506
1939	33	543	956,165	41,842	1,465,418	1,947,691	3,454,951
1945	31	641	1,341,553	46,571	2,138,428	2,852,169	5,037,168
1946	30	653	1,330,097	59,062	2,770,760	3,414,826	6,244,648
1949	32	704	1,968,794	63,286	4,002,313	4,874,039	8,939,638
1950	30	796	2,230,151	79,948	4,570,554	5,567,213	10,217,715
1951	34	828	2,452,014	85,231	5,208,361	5,289,170	10,582,762
1952	34	854	2,584,220	88,821	4,839,331	5,995,401	10,923,553
1953							
Quebec	10	118	309,753	14,363	609,878	868,007	1,492,248
Ontario	18	745	2,512,732	90,463	4,502,597	6,544,865	11,137,925
Manitoba	2	28	68,645	2,697	85,698	104,478	192,873
British Columbia	2						
New Brunswick	1						
Canada	33	891	2,891,130	107,523	5,198,173	7,517,350	12,823,046
1954							
Quebec	9	109	314,132	14,959	594,486	900,319	1,516,200
Ontario	19	830	2,779,599	96,547	4,450,769	7,185,242	11,642,127
Manitoba	2	25	73,071	3,384	99,309	160,066	238,163
British Columbia	2						
New Brunswick	1						
Canada	33	964	3,166,802	114,890	5,144,564	8,245,627	13,396,490

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.

1. See footnote to text.

TABLE 2. Principal Statistics of the Inks Industry, by Sub-groups, 1950-1954

Year	Estab- lish- ments	Em- ployees	Earnings	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	No.	No.	\$	\$	\$	\$	\$
Printing inks and printers' rollers:							
1950	21	701	2,044,174	70,838	4,133,018	5,173,014	9,376,870
1951	25	734	2,263,684	76,233	4,739,314	4,864,108	9,679,655
1952	25	758	2,381,448	81,363	4,365,415	5,506,459	9,953,237
1953	25	796	2,671,682	97,835	4,722,881	6,925,466	11,746,182
1954	25	867	2,939,327	105,400	4,663,754	7,584,083	12,269,452
Writing inks:							
1950	9	95	185,977	9,110	437,536	394,199	840,845
1951	9	94	188,330	8,998	469,047	425,062	903,107
1952	9	96	202,772	7,458	473,916	488,942	970,316
1953	8	95	219,448	9,688	475,292	591,884	1,076,864
1954	8	97	227,475	9,490	480,810	661,544	1,127,038

1. See footnote to text.

TABLE 3. Inventories¹, 1954

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Ontario.....	743,333	117,746	508,604	1,369,683
Other provinces.....	162,964	20,940	74,408	258,312
Canada.....	906,297	138,686	583,012	1,627,995
Closing:				
Ontario.....	796,201	110,624	599,035	1,505,860
Other provinces.....	152,026	36,570	92,568	281,164
Canada.....	948,227	147,194	691,603	1,787,024

1. (a) Book value of all manufacturing inventories held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings, at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Inks Industry for the year under review are shown in the above table.

TABLE 4. Products of the Inks Industry, 1953 and 1954

Product	1953		1954	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	Pounds	\$	Pounds	\$
Printers' inks:				
Newspaper.....	14,078,031	1,418,866	14,912,487	1,533,196
Lithographing.....	1,540,825	1,864,623	1,595,538	2,084,343
Letterpress.....	5,322,706	5,281,613	5,191,993	5,296,600
Other.....	4,793,455	2,560,464	5,154,332	2,734,651
Writing inks.....	—	315,895	—	375,616
Printers' rollers.....	—	669,111	—	676,912
Mucilage and paste.....	—	115,003	—	116,662
All other products ¹	—	597,471	—	578,510
Total.....	—	12,823,046	—	13,396,490

1. 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, 1953 and 1954

Material	Unit of measure	1953		1954	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Acids:					
Gallic.....	lb.	673	1,126	731	890
Tannic.....	"	3,550	5,225	2,854	3,858
Carbon black.....	"	1,439,389	169,491	1,683,737	195,483
Dextrine.....	"	58,771	6,363	57,512	6,310
Driers.....	"	161,926	69,392	149,725	65,851
Dry colours.....	"	3,138,034	1,620,569	3,287,855	1,637,999
Glue.....	"	89,975	35,746	99,875	38,491
Glycerine.....	"	214,232	92,934	191,413	72,818
Gums and resins:					
Natural.....	lb.	331,791	45,087	366,604	56,114
Synthetic.....	"	1,562,281	357,895	1,585,202	351,825
Oils:					
Castor.....	Imp. gal.	1,719	4,702	1,553	3,926
Chinawood (Tung).....	lb.	67,775	17,124	63,292	15,823
Linseed.....	Imp. gal.	113,325	186,987	112,164	164,771
Petroleum ink oils.....	"	1,247,724	314,944	1,184,158	287,904
Other oils.....	lb.	115,513	17,491	147,930	14,574
Solvents (benzol, naphtha, alcohol, etc.).....	Imp. gal.	364,293	257,095	485,036	284,405
Starch.....	lb.	75,909	9,506	58,936	7,103
Varnishes.....	Imp. gal.	278,226	613,481	275,521	645,247
Wax:					
Beeswax.....	lb.	8,094	5,337	7,085	4,491
Carnauba.....	"	11,874	12,464	12,830	11,601
Paraffin.....	"	36,345	5,136	28,923	4,674
Synthetic.....	"	29,027	15,470	20,708	12,516
Other.....	"	16,274	7,865	25,466	8,810
All other materials.....	-	-	861,632	-	793,478
Containers, packing materials.....	-	-	465,111	-	455,602
Total	-	-	5,198,173	-	5,144,564

TABLE 6. Total Production of Printing Inks and Printers' Rollers, 1945-1954

Year	Printing inks		Printers' rollers and composition
	Pounds	\$	\$
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
1953.....	25,735,017	11,125,566	669,111
1954.....	26,854,350	11,648,790	676,912

TABLE 7. Total Production of Writing Inks, 1945-1954 (From all industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1945	416,924	1950	446,513
1946	310,230	1951	426,631
1947	267,348	1952	458,211
1948	423,686	1953	492,930
1949	391,638	1954	516,418

TABLE 8. Principal Statistics Classified According to Type of Ownership - 1953 and 1954

Type	Establishments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1953					
Individual ownership	7	36	93,724	82,586	256,829
Partnerships	2				
Incorporated companies	24				
Total	33	891	2,891,130	5,198,173	12,823,046
1954					
Individual ownership	7	38	95,727	98,349	268,902
Partnerships	2				
Incorporated companies	24				
Total	33	964	3,166,802	5,144,564	13,396,490

TABLE 9. Principal Statistics of the Inks Industry in Canada, Grouped According to Size of Establishments, 1953 and 1954

Establishments reporting factory shipments	Establishments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1953					
Under \$10,000	6	9	12,340	6,739	25,686
\$10,000 to \$49,999	5	14	47,103	40,679	122,158
\$50,000 " \$99,999	6	63	188,877	193,493	521,732
\$100,000 " \$499,999	8	107	398,268	1,063,179	2,363,235
\$500,000 " \$999,999	5	227	670,095	1,116,073	3,076,685
\$1,000,000 " \$4,999,999	3	471	1,574,447	2,778,010	6,713,550
Total	33	891	2,891,130	5,198,173	12,823,046
1954					
Under \$10,000	6	11	22,364	13,911	27,128
\$10,000 to \$49,999	5	22	47,469	34,640	123,592
\$50,000 " \$99,999	3	25	88,250	98,973	268,186
\$100,000 " \$199,999	5	58	182,443	291,267	675,955
\$200,000 " \$499,999	5	93	334,646	605,516	1,664,286
\$500,000 " \$999,999	6	232	762,245	1,358,971	3,509,138
\$1,000,000 " \$4,999,999	3	523	1,729,385	2,741,286	7,128,205
Total	33	964	3,166,802	5,144,564	13,396,490

TABLE 10. Capital and Repair Expenditures in the Inks Industry, 1949-1954

Year	Total capital and repair expenditures	Year	Total capital and repair expenditures
	\$'000		\$'000
1949	331	1952	301
1950	477	1953	355
1951	425	1954 ¹	1,395

1. Preliminary.

TABLE 11. Employees and Their Earnings, in the Inks Industry, by Provinces, 1953 and 1954

Province	Number of employees					Earnings		
	Supervisory and office		Production and related workers		Total	Supervisory and office	Production and related workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
1953								
Quebec	28	14	56	20	118	141,670	168,083	309,753
Ontario	155	81	477	32	745	984,231	1,528,501	2,512,732
Other provinces	9	4	12	3	28	32,606	36,039	68,645
Canada	192	99	545	55	891	1,158,507	1,732,623	2,891,130
1954								
Quebec	26	15	49	19	109	142,830	171,302	314,132
Ontario	176	87	536	31	830	1,161,973	1,617,626	2,779,599
Other provinces	8	3	12	2	25	33,689	39,382	73,071
Canada	210	105	597	52	964	1,338,492	1,828,310	3,166,802

TABLE 12. Production Workers, by Months, 1953 and 1954

Month	1953			1954		
	Male	Female	Total	Male	Female	Total
January	531	53	584	574	49	623
February	534	58	592	575	50	625
March	537	58	595	583	54	637
April	539	56	595	593	58	651
May	538	55	593	590	57	647
June	538	55	593	599	54	653
July	536	52	588	599	48	647
August	547	53	600	604	53	657
September	550	56	606	605	53	658
October	558	58	616	609	51	660
November	565	55	620	621	50	671
December	561	50	611	609	48	657
Average	545	55	600	597	52	649

TABLE 13. Imports and Exports of Inks, 1953 and 1954

	1953		1954	
	Quantity	Value	Quantity	Value
	Lb.	\$	Lb.	\$
(a) Imports				
Printing ink:				
From — United Kingdom.....	315,305	155,674	457,977	206,611
United States.....	1,356,469	828,442	1,477,955	710,828
Other.....	2,214	1,441	5,003	3,376
Total	1,673,988	985,557	1,940,935	920,815
Rotogravure ink:				
From — United States	452,078	86,570	585,025	170,767
United Kingdom	—	—	2,100	740
Total	452,078	86,570	587,125	171,507
Writing ink:				
From — United Kingdom	—	4,894	—	2,652
United States	—	61,284	—	71,376
Hong Kong.....	—	198	—	134
Other	—	4,965	—	9,360
Total	—	71,341	—	83,522
(b) Exports				
Printing ink:				
To — India	90,300	5,431	15,328	996
Union of South Africa	24,696	14,372	7,630	8,501
United States	5,668	6,777	20,726	13,940
Other	14,146	5,184	12,347	9,269
Total	134,810	31,764	56,031	32,706
Ink, other:				
To — Hong Kong	—	2,880	—	—
Belgian Congo	—	476	—	640
Union of South Africa	—	4,581	—	5,504
United States	—	4,232	—	3,688
Other	—	2,402	—	552
Total	—	14,571	—	10,384

List of Firms in the Inks Industry, 1954

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 Company Limited	2 Waterman St., St. Lambert
Ontario:	
Blue Bird Ink Company Limited	1124 Kingston Rd., Toronto
Poole, J. E., Company Limited, The	18 Holly St., Toronto
Reeves, L. A., Ink Company	215-217 Niagara St., Toronto
Manitoba:	
Reliance Ink Co., Limited	520 McGee St., Winnipeg
British Columbia:	
Peerless Products 1954 Limited.....	625 Clarke Drive, Vancouver

List of Firms in the Inks Industry, 1954 — Concluded

Name of firm	Address
(b) Printing Inks and Printers' Rollers	
New Brunswick:	
Hickman Bros. ¹	51 Kennedy St., Saint John
Quebec:	
Bedwell & Company	3415 Colonial Ave., Montreal
Frontenac Ink Works Limited	400 Aqueduct St., Montreal
Gresham Company Reg'd.	1081 Smith 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.	464 Royal York Rd. S., Toronto
Ault & Wilborg 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 Fine Color Co. Limited	2 Sheffield St., North York
Gaetjens, Berger & Wirth (Canada) Ltd.	440 Birchmount Rd., Toronto
General Printing Ink Corporation of Canada Ltd.	821 Queen St. E., Toronto
Hendershot Inks Ltd.	240 Logan Ave., 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	120 Church 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.

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