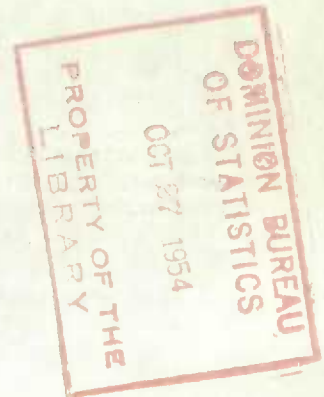


46-208

3



THE INKS INDUSTRY

1953

Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-603
25-8-54

Price 25 cents

Vol. 2—Part XVI—K-1



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¢

TABLE 11. Printing Statistics of the Ink Industry, by Province, 1952-1953

Province	1952	1953	% Change
Quebec	10,000,000	12,000,000	20.0
Ontario	8,000,000	9,000,000	12.5
Manitoba	1,000,000	1,200,000	20.0
British Columbia	500,000	600,000	20.0
New Brunswick	100,000	100,000	0.0
Total	19,600,000	22,800,000	16.3

THE INKS INDUSTRY 1953

Output of printing inks in 1953 was reported at 25,735,017 pounds valued at \$11,125,566 as against 22,068,770 pounds at \$9,375,202 for 1952, and the value of writing inks was \$492,930 compared with \$458,211 in 1952.

Establishments concerned principally with the manufacture of printing inks numbered 20 in 1953, distributed, by provinces, as follows: 5 in Quebec, 14 in Ontario and 1 in British Columbia. Factory shipments reported by these concerns were valued at \$11,513,832, including some printers' rollers and other products, as well as printing inks. Employees numbered 760 and salaries and wages for the year amounted to \$2,561,949. Materials for manufacturing cost \$4,682,073 and fuel and electricity cost \$92,611 delivered at the works. Output included 25,635,017 pounds of printing inks at \$11,005,477, printers' rollers at \$445,380 and miscellaneous products worth \$62,975.

Five other establishments — 1 in Manitoba, 1 in Ontario, 2 in Quebec and 1 in New Brunswick — made printers' rollers, but no inks. Only 36 workers were employed in these plants and their total output was valued at \$232,350. Including the output from concerns which made printing inks as well as rollers, the total production of the latter was \$669,111 in 1953.

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 95 persons and made goods valued at \$1,076,864. Production included writing inks at \$315,625, mucilage and paste at \$115,003 and miscellaneous articles at \$646,236. Writing inks were made also by firms classified to other industry groups. The value reported by the latter in 1953 amounted to \$177,035.

For the entire group there were 33 establishments which employed 891 workers and produced goods valued at \$12,823,046.

Imports of inks in 1953 included 1,673,988 pounds of printing inks valued at \$985,557; 452,078 pounds of rotogravure inks at \$86,570 and writing inks valued at \$71,341. Exports included 134,810 pounds of printing inks at \$31,764 and other inks worth \$14,571.

Province	1952	1953	% Change
Quebec	10,000,000	12,000,000	20.0
Ontario	8,000,000	9,000,000	12.5
Manitoba	1,000,000	1,200,000	20.0
British Columbia	500,000	600,000	20.0
New Brunswick	100,000	100,000	0.0
Total	19,600,000	22,800,000	16.3

TABLE 1. Principal Statistics of the Inks Industry, by Sub-Groups, 1949-1953

Year	Number of plants	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						
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 ¹
1953	25	796	2,671,682	97,835	4,722,881	11,746,182 ¹
Writing Inks						
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 ¹
1953	8	95	219,448	9,688	475,292	1,076,864 ¹
Total						
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
1953	33	891	2,891,130	107,523	5,198,173	12,823,046 ¹
Per cent change, 1953 from 1952	-	+ 4.3	+ 11.9	+ 21.1	+ 7.4	+ 17.4

1. Factory shipments for these years. The inventory value of finished products at plant at end of 1952 amounted to \$416,000 and at end of 1953 to \$383,000.

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, 1952 and 1953

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Value of factory shipments
			\$	\$	\$	\$
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	66,254	191,938
British Columbia	2					
New Brunswick	1					
Canada	34	854	2,584,220	88,821	4,839,331	10,923,553
1953						
Quebec	10	118	309,753	14,363	609,878	1,492,248
Ontario	18	745	2,512,732	90,463	4,502,597	11,137,925
Manitoba	2	28	68,645	2,697	85,698	192,873
British Columbia	2					
New Brunswick	1					
Canada	33	891	2,891,130	107,523	5,198,173	12,823,046

TABLE 3. Products of the Inks Industry, 1952 and 1953

Product	1952		1953	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	Pounds	\$	Pounds	\$
Printers' inks:				
Newspaper.....	12,589,413	1,272,469	14,078,031	1,418,866
Lithographing.....	9,479,357	8,102,733	1,540,825	1,864,623
Letterpress.....			5,322,706	5,281,613
Other.....			4,793,455	2,560,464
Writing inks.....	-	314,191	-	315,895
Printers' rollers.....	-	623,587	-	669,111
Mucilage and paste.....	-	112,635	-	115,003
All other products ¹	-	497,938	-	597,471
Total	-	10,923,553	-	12,823,046

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, 1952 and 1953

Material	Unit of measure	1952		1953	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Acids:					
Gallic.....	lb.	631	1,089	673	1,126
Tannic.....	"	3,694	4,173	3,550	5,225
Carbon black.....	"	1,433,997	177,711	1,439,389	169,491
Dextrine.....	"	59,000	6,272	58,771	6,363
Driers.....	"	152,267	67,102	161,926	69,392
Dry colours.....	"	2,993,326	1,515,642	3,138,034	1,620,569
Glue.....	"	71,192	28,190	89,975	35,746
Glycerine.....	"	162,500	66,973	214,232	92,934
Gums and resins:					
Natural.....	lb.	338,711	52,003	331,791	45,087
Synthetic.....	"	1,534,130	360,749	1,562,281	357,895
Oils:					
Castor.....	Imp. gal.	1,880	6,061	1,719	4,702
Chinawood (Tung).....	lb.	56,142	15,154	67,775	17,124
Linseed.....	Imp. gal.	99,047	194,956	113,325	186,987
Petroleum ink oils.....	"	1,113,642	284,585	1,247,724	314,944
Other oils.....	lb.	76,074	17,193	115,513	17,491
Solvents (benzol, naphtha, alcohol, etc.).....	Imp. gal.	533,791	290,544	364,293	257,095
Starch.....	lb.	82,900	11,414	75,909	9,506
Varnishes.....	Imp. gal.	258,854	591,060	278,226	613,481
Wax:					
Beeswax.....	lb.	7,292	4,854	8,094	5,337
Carnauba.....	"	11,928	12,293	11,874	12,464
Paraffin.....	"	31,582	4,437	36,345	5,136
Synthetic.....	"	29,565	15,713	29,027	15,470
Other.....	"	12,344	6,357	16,274	7,865
All other materials.....	-	-	750,012	-	861,632
Containers, packing materials.....	-	-	354,794	-	465,111
Total	-	-	4,839,331	-	5,198,173

TABLE 5. Total Production of Printing Inks and Printers' Rollers, 1944-1953

Year	Printing inks		Printers' rollers and composition
	Pounds	\$	\$
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
1953	25,735,017	11,125,566	669,111

TABLE 6. Total Production of Writing Inks, 1944-1953 (From all industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1944	448,279	1949	391,638
1945	416,924	1950	446,513
1946	310,230	1951	426,631
1947	267,348	1952	458,211
1948	423,686	1953	492,930

TABLE 7. Imports and Exports of Inks, 1952 and 1953

	1952		1953	
	Quantity	Value	Quantity	Value
	Lb.	\$	Lb.	\$
(a) Imports				
Printing ink:				
From - United Kingdom	272,481	130,541	315,305	155,674
United States	1,143,851	596,884	1,356,469	828,442
Other	2,188	1,260	2,214	1,441
Total	1,418,520	728,685	1,673,988	985,557
Rotogravure ink:				
From - United States	402,689	80,315	452,078	86,570
Total	402,689	80,315	452,078	86,570
Writing ink:				
From - United Kingdom	-	5,288	-	4,894
United States	-	48,769	-	61,284
Hong Kong	-	106	-	198
Other	-	2,364	-	4,965
Total	-	56,527	-	71,341

TABLE 7. Imports and Exports of Inks, 1952 and 1953 - Concluded

	1952		1953	
	Quantity	Value	Quantity	Value
	Lb.	\$	Lb.	\$
(b) Exports				
Printing ink:				
To - India	1,290	68	90,300	5,431
Union of South Africa	45,613	23,350	24,696	14,372
United States	7,223	7,936	5,668	6,777
Other	49,772	7,968	14,146	5,184
Total	103,898	39,322	134,810	31,764
Ink, other:				
To - Hong Kong	-	3,888	-	2,880
Belgian Congo	-	335	-	476
Union of South Africa	-	-	-	4,581
United States	-	1,599	-	4,232
Other	-	2,471	-	2,402
Total	-	8,293	-	14,571

TABLE 8. Employees and Their Earnings, in the Inks Industry, by Provinces, 1952 and 1953

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				
						\$	\$	\$
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
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

TABLE 9. Capital and Repair Expenditures in the Inks Industry, 1949-1953

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
				\$'000			
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	236	237	32	32	64	301
1953 ¹	242	198	440	33	37	70	510

1. Preliminary.

TABLE 10. Fuel and Electricity Used¹ in the Inks Industry, 1948 and 1953

Kind	Unit of measure	1948		1953	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Bituminous coal:					
Canadian	ton	527	4,638	844	10,131
Imported	ton	890	10,666	367	6,247
Anthracite coal	ton	66	1,225	10	247
Coke	ton	35	685	3	50
Gasoline	Imp. gal.	19,438	7,338	44,395	19,336
Kerosene	Imp. gal.	—	—	1,105	266
Fuel oil	Imp. gal.	64,442	9,515	75,772	12,301
Wood	cord	2	20	1	9
Gas:					
Manufactured	M cu. ft.	1,377	1,570	4,075	5,575
Natural	M cu. ft.	200	168	—	—
Other fuel	—	—	—	—	—
Electricity purchased	k.w.h.	2,387,416	36,389	2,751,942	53,361
Total	—	—	72,214	—	107,523

1. Details shown in Tables 10 and 11 are collected only every five years; accordingly, data for intervening years are not available.

TABLE 11. Power Equipment¹, 1948 and 1953

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
1948				
Electric motors operated by purchased power	491	2,772	2	60
Total	491	2,772	2	60
Stationary power boilers	3	100	1	75
1953				
Electric motors operated by purchased power	731	3,877	14	171
Total	731	3,877	14	171
Stationary power boilers	—	—	—	—

1. See footnote to Table 10.

List of Firms in the Inks Industry, 1953

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.....	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
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 Colonial 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.	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.....	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	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.

STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010650788