

46-208



THE INKS INDUSTRY

1955

DOMINION BUREAU
OF STATISTICS
OCT 17 1956
PROPERTY OF THE
LIBRARY

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

6512-603-125

Price 25 cents

Vol. 2—Part XVIII—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 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

1955

Output of printing inks in 1955 was reported at 28,428,340 pounds valued at \$12,783,015 as against 26,854,350 pounds at \$11,648,790 in 1954. The value of writing inks, including output reported by firms classified to other industry groups, was \$543,147 compared with \$516,418 in 1954.

Establishments concerned principally with the manufacture of printing inks numbered 22 in 1955 distributed by provinces as follows: 4 in Quebec, 16 in Ontario and 2 in British Columbia. Factory shipments reported by these concerns were valued at \$13,174,116, including some printers' rollers and other products as well as printing inks. Employees numbered 853 and salaries and wages for the year amounted to \$3,055,401. Materials for manufacturing cost \$5,380,233 and fuel and electricity cost \$108,649 delivered at the works. Output included 28,151,540 pounds of printing inks at \$12,675,548, printers' rollers at \$422,278 and miscellaneous products worth \$76,290.

Five other establishments—1 in Manitoba, 1 in Ontario, 2 in Quebec and 1 in New Brunswick—made printers' rollers, but no inks. Only 39 workers were employed in these plants and their total output, including other products as well as rollers, was valued at \$391,404. The total output of rollers, including the output from concerns which made printing inks as well as rollers, was \$669,260.

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 94 persons and made goods valued at \$1,182,642. Production included writing inks at \$376,983, mucilage and paste at \$118,670 and miscellaneous articles at \$686,989. Writing inks were also made by firms classified to other industry groups. The value reported by the latter in 1955 amounted to \$154,912.

For the entire group there were 35 establishments which employed 996 workers and produced goods valued at \$14,748,162.

Imports of inks in 1955 included 1,828,183 pounds of printing inks valued at \$1,008,680; 971,140 pounds of rotogravure inks at \$255,686 and writing inks valued at \$103,265. Exports included 137,546 pounds of printing inks at \$39,107 and other inks worth \$28,172.

Note: Figures for value added by manufacture, shown in Tables 1 and 2, 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 and 1955, 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 and 1955.

TABLE 1. Principal Statistics of the Inks Industry, Significant Years, 1929-1955, and by Provinces, 1954 and 1955

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	23	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
1951	34	828	2,452,014	85,231	5,208,361	5,289,170	10,582,762
1952	34	854	2,584,220	38,821	4,839,331	5,995,401	10,923,553
1953	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
1955							
Quebec	9	113	320,205	15,310	532,615	1,022,302	1,559,588
Ontario	20	856	3,012,703	106,519	5,208,698	7,514,613	12,825,286
Manitoba	2	27	83,649	4,283	162,214	202,537	363,288
British Columbia	3						
New Brunswick	1						
Canada	35	996	3,416,557	126,112	5,903,527	8,739,452	14,748,162

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, 1951-1955

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:							
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	4,722,381	6,925,466	11,746,182
1954	25	867	2,939,327	105,400	4,663,754	7,584,083	12,269,452
1955	27	902	3,193,632	115,359	5,456,644	7,996,275	13,565,520
Writing inks:							
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
1955	8	94	222,925	10,753	446,883	743,117	1,182,642

1. See footnote to text.

TABLE 3. Inventories¹, 1955

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Ontario.....	795,097	110,624	596,549	1,502,270
Other provinces	152,026	36,570	92,568	281,164
Canada	947,123	147,194	689,117	1,783,434
Closing:				
Ontario.....	900,973	131,973	601,093	1,634,039
Other provinces	190,934	84,310	108,953	384,197
Canada.....	1,091,907	216,283	710,046	2,018,236

1. (a) Book value of all manufacturing inventories owned and 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.

(c) The opening inventory for 1955 does not necessarily agree with the closing inventory for 1954 because of revisions such as the addition of new plants, the transfer of plants to other industries and plants going out of business. However, the value added figures for the previous year have not been recalculated to allow for the revisions mentioned above.

TABLE 4. Products of the Inks Industry, 1954 and 1955

Product	1954		1955	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	Pounds	\$	Pounds	\$
Printers' inks:				
Newspaper.....	14,912,487	1,533,196	15,641,953	1,576,795
Lithographing	1,595,538	2,084,343	2,172,744	3,052,513
Letterpress	5,191,993	5,296,600	7,121,935	6,702,434
Other	5,154,332	2,734,651	3,491,708	1,451,273
Writing inks	—	375,616	—	388,235
Printers' rollers	—	676,912	—	669,260
Mucilage and paste	—	116,662	—	118,670
All other products ¹	—	578,510	—	788,982
Total	—	13,396,490	—	14,748,162

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

TABLE 3. Materials Used in the Inks Industry, 1954 and 1955

Material	Unit of measure	1954		1955	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Acids:					
Gallic	lb.	731	890	781	1,321
Tannic	"	2,854	3,858	6,495	5,789
Carbon black	"	1,683,737	195,483	1,678,596	201,357
Dextrine	"	57,512	6,310	59,452	6,500
Driers	"	149,725	65,851	161,519	71,721
Dry colours	"	3,287,855	1,637,999	3,458,348	1,724,204
Glue	"	99,875	38,491	86,275	34,240
Glycerine	"	191,413	72,818	196,251	73,319
Gums and resins:					
Natural	lb.	366,604	56,114	395,176	78,992
Synthetic	"	1,585,202	351,825	1,865,411	440,678
Oils:					
Castor	Imp. gal.	1,553	3,926	2,118	4,991
Chinawood (Tung)	lb.	63,292	15,823	87,116	23,523
Linseed	Imp. gal.	112,164	164,771	126,362	202,746
Petroleum ink oils	"	1,184,158	287,904	1,300,666	320,284
Other oils	lb.	147,930	14,574	59,474	16,805
Solvents (benzol, naphtha, alcohol, etc.)	Imp. gal.	485,036	284,405	555,154	349,059
Starch	lb.	58,936	7,103	74,179	8,522
Varnishes	Imp. gal.	275,521	645,247	373,927	739,989
Wax:					
Beeswax	lb.	7,085	4,491	7,599	5,485
Carnauba	"	12,830	11,601	14,744	11,760
Paraffin	"	28,923	4,674	39,043	6,838
Synthetic	"	20,708	12,516	25,449	11,965
Other	"	25,466	8,810	31,361	11,663
All other materials	-	-	793,478	-	1,055,316
Containers, packing materials	-	-	455,602	-	496,480
Total	-	-	5,144,564	-	5,903,527

TABLE 6. Total Production of Printing Inks and Printers' Rollers, 1946-1955

Year	Printing inks		Printers' rollers and composition
	Pounds	\$	\$
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
1955	28,428,340	12,783,015	669,260

TABLE 7. Total Production of Writing Inks, 1946-1955 (From all industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1946	310,230	1951	426,631
1947	267,348	1952	458,211
1948	423,686	1953	492,930
1949	391,638	1954	516,418
1950	446,513	1955	543,147

TABLE 8. Principal Statistics, Classified According to Type of Ownership — 1954 and 1955

Type	Establishments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
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
1955					
Individual ownership	7	36	105,313	92,045	284,877
Partnerships	2				
Incorporated companies	26				
Total	35	996	3,416,557	5,903,527	14,748,162

TABLE 9. Principal Statistics of the Inks Industry in Canada, Grouped According to Size of Establishment, 1954 and 1955

Establishments reporting factory shipments	Establishments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
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 to \$99,999	3	25	88,250	98,973	268,186
\$100,000 to \$199,999	5	58	182,443	291,267	675,955
\$200,000 to \$499,999	5	93	334,646	605,515	1,664,286
\$500,000 to \$999,999	6	232	762,245	1,358,971	3,509,138
\$1,000,000 to \$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
1955					
Under \$10,000	4	5	5,168	4,645	13,900
\$10,000 to \$49,999	7	28	70,622	48,870	161,480
\$50,000 to \$99,999	5	46	150,859	170,431	457,657
\$100,000 to \$199,999	4	25	86,499	299,335	586,724
\$200,000 to \$499,999	5	74	280,711	405,037	1,479,300
\$500,000 to \$999,999	7	269	944,577	1,675,162	4,124,689
\$1,000,000 to \$4,999,999	3	549	1,878,121	3,300,047	7,924,412
Total	35	996	3,416,557	5,903,527	14,748,162

TABLE 10. Capital and Repair Expenditures in the Inks Industry, 1950-1955

Year	Total capital and repair expenditures	Year	Total capital and repair expenditures
	\$'000		\$'000
1950.....	477	1953.....	355
1951.....	425	1954.....	1,450
1952.....	301	1955 ¹	533

1. Preliminary.

TABLE 11. Employees and Their Earnings, in the Inks Industry, by Provinces, 1954 and 1955

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				
						\$	\$	\$
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
1955								
Quebec.....	23	17	53	20	113	143,682	176,523	320,205
Ontario.....	165	87	575	29	856	1,250,937	1,761,766	3,012,703
Other provinces	10	2	13	2	27	42,760	40,889	83,649
Canada.....	198	106	641	51	996	1,437,379	1,979,178	3,416,557

TABLE 12. Production Workers, by Months, 1954 and 1955

Month	1954			1955		
	Male	Female	Total	Male	Female	Total
				Number		
January	574	49	623	628	45	673
February	575	50	625	633	48	681
March	583	54	637	631	49	680
April.....	593	58	651	632	53	685
May.....	590	57	647	634	52	686
June.....	599	54	653	641	48	689
July.....	599	48	647	641	52	693
August.....	604	53	657	646	56	702
September	605	53	658	646	54	700
October	609	51	660	649	52	701
November.....	621	50	671	658	52	710
December.....	609	48	657	653	51	704
Average.....	597	52	649	641	51	692

TABLE 13. Imports and Exports of Inks, 1954 and 1955

	1954		1955	
	Quantity	Value	Quantity	Value
	Lb.	\$	Lb.	\$
(a) Imports				
Printing ink:				
From — United Kingdom	457,977	206,611	478,940	224,058
United States	1,477,955	710,828	1,321,517	765,903
Other	5,003	3,376	27,726	18,719
Total	1,940,935	920,815	1,828,183	1,008,680
Rotogravure ink:				
From — United States	585,025	170,767	970,369	255,049
United Kingdom	2,100	740	771	637
Total	587,125	171,507	971,140	255,686
Writing ink:				
From — United Kingdom	—	2,652	—	5,312
United States	—	71,376	—	86,894
Hong Kong	—	134	—	183
Other	—	9,360	—	10,876
Total	—	83,522	—	103,265
(b) Exports				
Printing ink:				
To — India	15,328	996	87,698	6,317
Union of South Africa	7,630	8,501	15,157	12,781
United States	20,726	13,940	13,604	12,046
Other	12,347	9,269	—	7,963
Total	56,031	32,706	137,546	39,107
Ink, other:				
To — Hong Kong	—	—	—	—
Belgian Congo	—	640	—	434
Union of South Africa	—	5,504	—	1,422
United States	—	3,688	—	22,610
Other	—	552	—	3,706
Total	—	10,384	—	28,172

List of Firms in the Inks Industry, 1955

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	180 Warden Ave., 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, 1955 - Concluded

Name of firm	Address
(b) Printing Inks and Printers' Rollers	
New Brunswick:	
Hickman Bros. ¹	51 Kennedy St., Saint John
Quebec:	
Bedwell & Company	110 Lebeau St., Ville St. Laurent
Columbian Carbon (Canada) Ltd.	7147 Park Ave., Montreal
Frontenac Ink Works Limited	400 Aqueduct St., Montreal
Gresham Company Reg'd.	1081 Smith St., Montreal
Printcraft Supply Co. ¹	254 Queen St., Montreal
Robertson, J.S., Reg'd. ¹	175 Lagachetiere 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
Bowers Printing Ink Co. of Canada Ltd.	302 Carlaw Ave., 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
Columbian Carbon (Canada) Ltd.	1244 Dufferin St., Toronto
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
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	20 Queen's Quay E., Toronto
Manitoba:	
Printers' Roller Co. ¹	175 McDermot Ave., Winnipeg
British Columbia:	
Columbia Printing Ink & Roller Co. Ltd.	543 Powell St., Vancouver
Columbian Carbon (Canada) Ltd.	1370 East Georgia St., Vancouver

1. These concerns make printers' rollers only.



Faint, illegible text, possibly bleed-through from the reverse side of the page. The text is arranged in several lines and appears to be a formal document or report.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010650794