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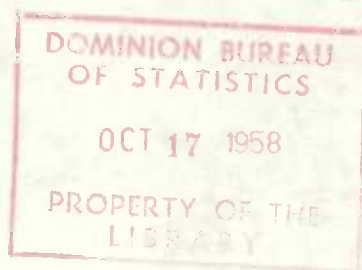
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ANNUAL



THE INKS INDUSTRY

1957



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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, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - 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
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- 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

1957

Output of printing inks in 1957 was reported at 30,174,862 pounds valued at \$14,809,936 as against 30,134,128 pounds valued at \$13,695,626 in 1956. The value of writing inks, including output reported by firms classified to other industrial groups, was \$488,707 compared with \$576,694 in 1956.

Establishments concerned principally with the manufacture of printing inks numbered 21 in 1957 distributed by provinces as follows: 3 in Quebec, 15 in Ontario and 3 in British Columbia. Factory shipments reported by these firms were valued at \$14,986,212 including some printers' rollers and other products as well as printing inks. Employees numbered 834 and salaries and wages for the year amounted to \$3,538,035. Materials for manufacturing cost \$6,189,193 and fuel and electricity cost \$116,669 delivered at works. Output included 29,917,562 pounds of printing inks at \$14,670,526 printers' rollers at \$247,871 and miscellaneous products worth \$67,815.

Five other establishments, 1 in New Brunswick, 2 in Quebec, 1 in Ontario and 1 in Manitoba, made printers' rollers, but no inks. Only 48 workers were employed in these plants and their total output,

including other products as well as rollers, was valued at \$537,894. The total output of rollers, including the output from concerns which made printing inks as well as rollers, was \$763,927.

The manufacture of writing inks was reported by 7 factories in this industry, 2 in Quebec, 3 in Ontario, 1 in Manitoba and 1 in British Columbia. These establishments employed 95 persons who made goods valued at \$1,388,224. Production included writing inks at \$357,012, mucilage and paste at \$97,578 and miscellaneous articles at \$933,634. Writing inks were also made by firms classified to other industrial groups. The value reported by the latter in 1957 amounted to \$131,695.

For the entire group there were 32 establishments which employed 977 workers and produced goods valued at \$16,912,330.

Imports of inks in 1957 included 2,345,088 pounds of printing inks valued at \$1,178,315; 1,043,292 pounds of rotogravure ink at \$267,005 and writing inks valued at \$130,442. Exports included 117,402 pounds of printing inks at \$33,825 and other inks worth \$12,262.

**TABLE 1. Principal Statistics of the Inks Industry, Significant Years, 1929-1957
and by Provinces, 1956 and 1957**

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	number		\$	\$	\$	\$	\$
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
1953	33	891	2,891,130	107,523	5,198,173	7,517,350	12,823,046
1954	33	964	3,166,802	114,890	5,144,564	8,245,627	13,396,490
1955	35	996	3,416,557	126,112	5,903,527	8,739,452	14,748,162
1956							
Quebec	7	107	334,732	15,707	735,597	966,506	1,696,834
Ontario	20	859	3,328,133	123,202	5,877,120	7,944,528	13,861,113
Manitoba	2	28	91,905	6,521	166,949	165,459	344,866
British Columbia	3						
New Brunswick	1						
Canada	33	994	3,754,770	145,430	6,779,666	9,076,493	15,902,813
1957							
Quebec	7	113	369,266	17,673	792,082	954,328	1,788,115
Ontario	19	836	3,548,902	112,529	5,954,251	8,824,260	14,732,299
Manitoba	2	28	97,197	6,691	189,223	193,425	391,916
British Columbia	3						
New Brunswick	1						
Canada	32	977	4,015,365	136,893	6,935,556	9,972,013	16,912,330

¹ Due to lack of inventory data, figures for "Value added by manufacture" prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

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 of the Inks Industry, by Sub-groups, 1953-1957

Year	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	number		\$	\$	\$	\$	\$
Printing inks and printers' rollers:							
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
1955	27	902	3,193,632	115,359	5,456,644	7,996,275	13,565,520
1956	26	896	3,508,721	134,219	6,173,034	9,076,493	14,583,493
1957	25	882	3,737,341	125,126	6,274,455	9,281,797	15,524,106
Writing inks:							
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
1956	7	98	246,049	11,211	606,632	712,256	1,319,320
1957	7	95	278,024	11,767	661,101	690,216	1,388,224

¹ See footnote 1 to Table 1 above.

TABLE 3. Inventories¹, 1957

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Quebec	114,376	91,880	82,128	288,384
Ontario	913,306	123,388	576,692	1,613,386
Other provinces	41,016	2,640	31,404	75,060
Canada	1,068,698	217,908	690,224	1,976,830
Closing:				
Quebec	168,283	62,397	87,579	318,259
Ontario	1,069,667	127,955	730,866	1,928,488
Other provinces	70,803	2,645	28,822	102,270
Canada	1,308,753	192,997	847,267	2,349,017

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 the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as; the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for value added by manufacture for the previous year does not need to be altered because of such changes in the composition of the industry.

TABLE 4. Products of the Inks Industry, 1956 and 1957

Product	1956		1957	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	pounds	\$	pounds	\$
Printers' inks:				
Newspaper	16,438,218	1,649,221	14,352,242	1,750,332
Lithographing	2,404,851	3,283,383	2,906,316	3,470,816
Letterpress	7,355,867	7,044,543	8,002,691	7,277,698
Other	3,935,192	1,718,479	4,913,613	2,311,090
Writing inks	—	385,100	—	357,012
Printers' rollers	—	956,999	—	763,927
Mucilage and paste	—	111,559	—	98,078
All other products ¹	—	753,529	—	883,377
Total	—	15,902,813	—	16,912,330

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, 1956 and 1957

Material	1956		1957	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Acids:				
Tannic..... lb.	2,985	2,764	4,142	5,521
Carbon black..... "	1,781,457	210,364	1,906,032	226,734
Dextrine..... "	78,850	8,613	68,104	7,500
Driers..... "	185,837	81,841	161,791	56,963
Dry colours..... "	3,805,893	2,028,214	3,868,932	2,145,700
Glue..... "	88,059	35,525	132,617	90,459
Glycerine..... "	211,440	75,533	135,270	47,568
Gums and resins:				
Natural..... "	452,596	93,819	435,084	104,713
Synthetic..... "	2,139,960	504,857	2,381,391	551,769
Oils:				
Castor..... Imp. gal.	1,631	3,420	2,003	4,460
Chinawood (Tung)..... lb.	109,341	31,171	85,601	22,307
Linseed..... Imp. gal.	129,407	233,546	61,790	105,552
Petroleum ink oils..... "	1,424,323	336,195	1,392,534	342,865
Other oils..... lb.	58,408	17,101	52,284	8,539
Solvents (benzol, naphtha, alcohol, etc.)..... Imp. gal.	623,632	389,891	711,741	399,285
Starch..... lb.	22,459	3,664	21,598	3,631
Varnishes..... Imp. gal.	404,774	816,933	398,315	874,318
Wax:				
Beeswax..... lb.	7,341	4,604	8,636	5,773
Carnauba..... "	14,224	12,229	16,280	13,189
Paraffin..... "	40,792	7,404	35,206	6,182
Synthetic..... "	33,489	16,998	35,386	15,007
Other..... "	38,370	17,972	29,300	12,091
All other materials..... -	-	1,259,391	-	1,257,617
Containers, packing materials..... -	-	587,617	-	627,813
Total..... -	-	6,779,666	-	6,935,556

TABLE 6. Total Production of Printing Inks and Printers' Rollers, 1948-1957

Year	Printing inks		Printers' rollers and composition
	pounds	\$	\$
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
1956.....	30,134,128	13,695,626	956,999
1957.....	30,175,000	14,810,000	763,927

TABLE 7. Total Production of Writing Inks, 1948-1957 (From all industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1948	423,686	1953	492,930
1949	391,638	1954	516,418
1950	446,513	1955	543,147
1951	426,631	1956	576,694
1952	458,211	1957	489,000

TABLE 8. Principal Statistics, Classified According to Type of Ownership - 1956 and 1957

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
		number	\$	\$	\$
1956					
Individual ownership	5	} 35	111,245	102,384	302,523
Partnerships	2				
Incorporated companies	26				
Total	33	994	3,754,770	6,779,666	15,902,813
1957					
Individual ownership	3	} 28	99,437	94,524	272,218
Partnerships	3				
Incorporated companies	26				
Total	32	977	4,015,365	6,935,556	16,912,330

TABLE 9. Principal Statistics of the Inks Industry in Canada, Grouped According to Value of Factory Shipments, 1956 and 1957

Establishments reporting factory shipments	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
		number	\$	\$	\$
1956					
Under \$10,000	3	4	5,024	4,114	11,935
\$10,000 to \$49,999	5	22	61,309	37,448	134,881
\$50,000 to \$99,999	4	27	115,866	117,866	332,532
\$100,000 to \$199,999	5	54	167,791	392,866	728,197
\$200,000 to \$499,999	7	118	497,336	852,036	2,293,975
\$500,000 to \$999,999	6	239	888,478	1,727,435	4,025,467
\$1,000,000 to \$4,999,999	3	530	2,018,966	3,647,901	8,375,826
Total	33	994	3,754,770	6,779,666	15,902,813
1957					
Under \$10,000	3	3	3,248	3,723	9,858
\$10,000 to \$24,999	2	} 21	61,743	45,824	145,787
\$25,000 to \$49,999	3				
\$50,000 to \$99,999	5				
\$100,000 to \$199,999	2	} 58	203,982	344,476	715,666
\$200,000 to \$499,999	7				
\$500,000 to \$999,999	8	} 89	433,212	741,277	2,039,785
\$1,000,000 to \$4,999,999	2				
Total	32	977	4,015,365	6,935,556	16,912,330

TABLE 10. Capital and Repair Expenditures in the Inks Industry, 1952-1957

Year	Total capital and repair expenditures	Year	Total capital and repair expenditures
	\$'000		\$'000
1952	301	1955	512
1953	355	1956	647
1954	1,450	1957 ¹	405

¹ Preliminary.

TABLE 11. Employees and their Earnings, in the Inks Industry, by Provinces, 1956 and 1957

Province	Number of employees				Total	Earnings		
	Supervisory and office		Production and related workers			Supervisory and office	Production and related workers	Total
	Male	Female	Male	Female				
					\$	\$	\$	
1956								
Quebec	19	15	53	20	107	145,783	188,949	334,732
Ontario	171	92	572	24	859	1,423,647	1,904,486	3,328,133
Other provinces	11	3	13	1	28	47,431	44,474	91,905
Canada	201	110	638	45	994	1,616,861	2,137,909	3,754,770
1957								
Quebec	21	15	57	20	113	162,538	206,728	369,266
Ontario	183	90	553	10	836	1,498,793	2,050,109	3,548,902
Other provinces	11	2	13	2	28	43,717	53,480	97,197
Canada	215	107	623	32	977	1,705,048	2,310,317	4,015,365

TABLE 12. Production Workers, by Months, 1956 and 1957

Month	1956			1957		
	Male	Female	Total	Male	Female	Total
	number					
January	629	49	678	632	30	662
February	630	48	678	617	30	647
March	626	47	673	624	29	653
April	634	48	682	622	29	651
May	639	46	685	625	28	653
June	637	44	681	627	33	660
July	639	44	683	628	30	658
August	638	46	684	620	32	652
September	653	44	697	627	34	661
October	650	43	693	624	38	662
November	649	45	694	620	38	658
December	645	46	691	625	34	659
Average	638	45	683	623	32	655

TABLE 13. Fuel and Electricity Used in the Inks Industry, 1956 and 1957

Kind	1956		1957	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Bituminous coal:				
Canadian	ton 30	659	21	457
Imported	" 1,263	16,106	901	10,775
Anthracite coal	" 10	250	9	238
Gasoline	Imp. gal. 77,356	32,133	51,459	22,350
Kerosene	" 1,921	546	1,290	288
Fuel oil	" 149,179	24,336	201,360	30,653
Gas:				
Manufactured	M cu. ft. 282	559	562	632
Natural	" 2,390	2,859	4,385	4,565
Other fuel	-	154	-	-
Electricity purchased	kwh. 3,010,344	67,828	3,829,920	66,935
Total	-	145,430	-	136,893

TABLE 14. Imports and Exports of Inks, 1956 and 1957

	1956		1957	
	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$
Imports				
Printing ink:				
From - United Kingdom	398,036	191,185	568,428	261,396
United States	1,400,716	787,018	1,698,136	869,678
Other	43,591	27,694	378,524	47,241
Total	1,842,343	1,005,897	2,345,088	1,178,315
Rotogravure ink:				
From - United States	1,102,136	271,192	1,043,292	267,005
United Kingdom	50	56	-	-
Total	1,102,186	271,248	1,043,292	267,005
Writing ink:				
From - United Kingdom	-	6,872	-	4,555
United States	-	83,670	-	118,954
Hong Kong	-	51	-	128
Other	-	16,615	-	6,805
Total	-	107,208	-	130,442
Exports				
Printing ink:				
To - India	33,889	2,249	32,558	2,188
Union of South Africa	761	1,238	4,489	3,697
United States	6,597	9,851	23,220	17,545
Other	16,107	5,380	57,135	10,395
Total	57,354	18,718	117,402	33,825
Ink, other:				
To - Belgian Congo	-	-	-	131
Union of South Africa	-	2,013	-	2,677
United States	-	3,174	-	3,996
Other	-	2,964	-	5,458
Total	-	8,151	-	12,262

List of Firms in the Inks Industry, 1957

Name of firm	Address
(a) Writing Inks	
Quebec:	
Carter's Ink Company of Canada Limited, The	4501 Drolet St., Montreal
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	164 Brentworth, Toronto
Reeves, L.A., Ink Company	217 Niagara St., Toronto
Manitoba:	
Reliance Ink Co., Limited	520 McGee St., Winnipeg
British Columbia:	
Peerless Products 1954 Limited	625 Clarke Drive, Vancouver
(b) Printing Inks and Printers' Rollers	
New Brunswick:	
Hickman Bros. ¹	51 Kennedy St., Saint John
Quebec:	
Columbian Carbon (Canada) Ltd.	7147 Park Ave., Montreal
Frontenac Ink Works Limited	400 Aqueduct St., Montreal
Gresham Company Reg'd.	1081 Smith St., Montreal
Printercraft 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.	345 Carlaw Ave., 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.	24 Bethridge Rd., Rexdale
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 Printing Inks Ltd.	133 Cartwright, Toronto
Markrite Manufacturing Company	120 Church St., Toronto
Perma-Flex Industries Limited ¹	90 Bridgeland, 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	1045 Notre Dame 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.

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