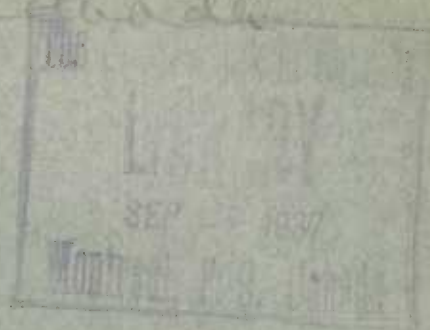


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Ink industry, Canada



CANADA, O.B.S.

DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
CENSUS OF INDUSTRY  
MINING, METALLURGICAL & CHEMICAL BRANCH

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**THE INKS INDUSTRY**  
**1936**

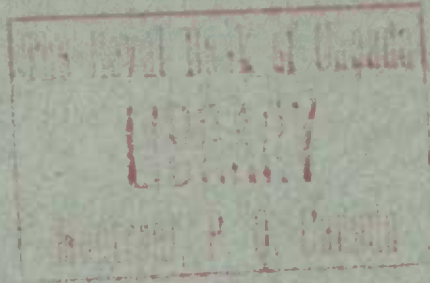
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Published by Authority of the HON. W. D. EULER, M.P.,  
Minister of Trade and Commerce.

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OTTAWA  
1937

Price 10 cents



667.4

C16  
1936  
17

May 15 '33. Sales

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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
CENSUS OF INDUSTRY  
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OTTAWA - CANADA

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ANNUAL INDUSTRY BULLETIN

CHEMICALS AND ALLIED PRODUCTS GROUP.

THE INKS INDUSTRY, 1936.

Production of printing inks in Canada increased 2 per cent in quantity and 6 per cent in value in 1936 as compared with 1935, and writing inks advanced 4 per cent in value. Output of printing inks was reported at 9,805,286 pounds valued at \$2,387,307 as against 9,588,146 pounds at \$2,248,440 for last year, and the value of writing inks was \$262,790 compared with \$251,987 in 1935.

Printing inks were manufactured in 18 different plants in 1936, distributed by provinces, as follows: 3 in Quebec, 14 in Ontario and 1 in British Columbia. The total production of these concerns was valued at \$2,598,350, including some printers' rollers and other products as well as printing inks. Employees numbered 415 and salaries and wages for the year amounted to \$731,126. Materials for manufacturing cost \$1,020,854, and fuel and electricity cost \$32,291 delivered at the works. Output included 9,805,286 pounds of printing inks at \$2,387,307, printers' rollers at \$198,600, and miscellaneous products worth \$12,443.

Four other establishments, 1 in New Brunswick, 1 in Manitoba, and 2 in Quebec, made printers' rollers only. Only 13 workers were employed in these plants and their output of rollers was valued at \$43,582.

Writing inks were made in 3 factories in Quebec, 5 in Ontario, 2 in Manitoba, and 1 in British Columbia, a total of 11 establishments, which employed 105 persons and made goods valued at \$440,110. Production included writing inks at \$262,790, mucilage and paste at \$88,837, and miscellaneous articles at \$88,483.

For the entire group there were 33 establishments which employed 533 workers and produced goods valued at \$3,082,042.

Table 1 - PRINCIPAL STATISTICS OF THE INKS INDUSTRY, 1920 - 1936.

Years	No. of plants	Capital employed	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
		\$		\$	\$	\$	\$
1920 .....	19	1,518,827	303	490,920	14,679	1,269,030	2,527,825
1921 .....	19	1,615,339	274	490,204	10,576	850,507	2,074,273
1922 .....	20	1,737,173	343	570,554	11,626	842,706	2,224,537
1923 .....	21	1,806,202	347	586,213	18,393	932,531	2,285,222
1924 .....	20	2,019,246	331	567,354	25,267	802,205	2,198,674
1925 .....	22	2,068,372	339	591,303	22,902	839,598	2,315,232
1926 .....	20	2,065,981	358	628,418	27,740	944,561	2,436,057
1927 .....	24	2,315,483	401	682,777	32,522	1,082,983	2,830,225
1928 .....	22	2,451,858	373	721,458	29,517	1,069,237	2,917,603
1929 .....	22	2,597,263	392	785,778	29,918	1,097,315	3,038,049
1930 .....	22	2,457,836	376	748,704	26,036	995,253	2,559,316
1931 .....	23	2,319,662	370	709,375	26,320	762,112	2,309,062
1932 .....	24	2,495,373	373	671,625	30,567	737,023	2,153,632
1933 .....	28	2,398,155	394	643,063	31,313	758,700	2,106,436
1934 .....	28	2,585,617	438	705,792	32,539	959,826	2,411,001
1935 .....	31	2,723,672	495	777,281	35,461	1,081,695	2,886,853
1936 .....	33	2,965,168	533	855,722	37,863	1,225,072	3,082,042

Table 2 - PRINCIPAL STATISTICS, BY SUB-GROUPS, 1932 - 1936.

Years	No. of plants	Capital employed	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
		\$		\$	\$	\$	\$
<u>PRINTING INKS AND ROLLERS</u>							
1932 .....	17	2,257,141	309	593,511	27,601	643,488	1,882,607
1933 .....	20	2,193,172	333	573,477	27,918	654,380	1,861,490
1934 .....	21	2,374,586	369	635,205	28,468	840,165	2,155,177
1935 .....	21	2,432,499	399	675,438	31,275	899,425	2,494,571
1936 .....	22	2,574,704	428	749,360	32,827	1,026,665	2,641,932
<u>WRITING INKS</u>							
1932 .....	7	238,232	64	78,114	2,966	93,535	271,025
1933 .....	8	204,983	61	69,586	3,395	104,320	244,946
1934 .....	7	211,031	69	70,587	4,071	119,661	255,824
1935 .....	10	291,173	96	101,843	4,186	182,270	392,282
1936 .....	11	390,464	105	106,362	5,036	198,407	440,110
<u>TOTAL</u>							
1932 .....	24	2,495,373	373	671,625	30,567	737,023	2,153,632
1933 .....	28	2,398,155	394	643,063	31,313	758,700	2,106,436
1934 .....	28	2,585,617	438	705,792	32,539	959,826	2,411,001
1935 .....	31	2,723,672	495	777,281	35,461	1,081,695	2,886,853
1936 .....	33	2,965,168	533	855,722	37,863	1,225,072	3,082,042

**Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1935 and 1936.**

Years	No. of plants	Capital employed	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
		\$		\$	\$	\$	\$
<u>1935</u>							
Quebec .....	8	259,764	85	97,077	4,175	113,629	378,372
Ontario .....	18	2,376,354	386	651,658	30,303	928,899	2,439,863
New Brunswick ..	1)						
Manitoba .....	2)	87,554	24	28,546	983	39,167	68,618
British Columbia	2)						
<b>CANADA .....</b>	<b>31</b>	<b>2,723,672</b>	<b>495</b>	<b>777,281</b>	<b>35,461</b>	<b>1,081,695</b>	<b>2,886,853</b>
<u>1936</u>							
Quebec .....	8	336,201	81	97,000	4,980	120,882	406,025
Ontario .....	19	2,524,809	417	724,948	31,727	1,059,646	2,586,609
Manitoba .....	3	61,297	25	18,824	845	32,433	59,923
New Brunswick ..	1)						
British Columbia	2)	42,861	10	14,950	311	12,111	29,485
<b>CANADA .....</b>	<b>33</b>	<b>2,965,168</b>	<b>533</b>	<b>855,722</b>	<b>37,863</b>	<b>1,225,072</b>	<b>3,082,042</b>

**Table 4 - CAPITAL EMPLOYED, BY PROVINCES, 1935 and 1936.**

Provinces	Present value of lands, buildings, machinery, tools and other equipment	Inventory value of materials on hand, finished products and stocks in process	Operating capital (cash, bills and accounts receivable, prepaid expenses, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$
<u>1935</u>				
Quebec .....	122,512	67,084	70,168	259,764
Ontario .....	1,387,884	468,822	519,648	2,376,354
Other provinces	41,950	26,928	18,676	87,554
<b>CANADA .....</b>	<b>1,552,346</b>	<b>562,834</b>	<b>608,492</b>	<b>2,723,672</b>
<u>1936</u>				
Quebec .....	152,650	78,143	105,408	336,201
Ontario .....	1,438,236	503,803	582,770	2,524,809
Manitoba .....	37,546	14,488	9,263	61,297
Other provinces	16,239	14,751	11,871	42,861
<b>CANADA .....</b>	<b>1,644,671</b>	<b>611,185</b>	<b>709,312</b>	<b>2,965,168</b>

Table 5 - SIZE OF ESTABLISHMENTS, ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES and CAPITAL EMPLOYED, 1936.

	Number of plants	Capital employed \$	Number of employees	Selling value of products at works \$
<b>(a) PRODUCTION</b>				
Under \$5,000 .....	5	24,060	13	18,614
\$5,000 to \$10,000 .....	3	30,600	16	23,905
\$10,001 to \$25,000 .....	7	159,398	34	122,490
\$25,001 to \$50,000 .....	3	101,669	24	123,463
\$50,001 to \$100,000 .....	7	395,250	111	516,246
Over \$100,000 .....	8	2,254,191	335	2,277,324
TOTAL .....	33	2,965,168	533	3,082,042
<b>(b) NUMBER OF EMPLOYEES</b>				
1 or 2 .....	5	62,731	8	45,286
3 to 10 .....	13	293,987	76	338,420
11 to 20 .....	8	489,230	115	577,065
Over 20 .....	7	2,119,220	334	2,121,251
TOTAL .....	33	2,965,168	533	3,082,042
<b>(c) CAPITAL EMPLOYED</b>				
Under \$25,000 .....	12	119,483	49	98,836
\$25,000 to \$100,000 .....	15	724,011	189	958,216
Over \$100,000 .....	6	2,121,674	295	2,024,990
TOTAL .....	33	2,965,168	533	3,082,042

Table 6 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1935 and 1936.

Provinces	Average number of employees					Salaries \$	Wages \$	TOTAL SALARIES AND WAGES \$
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
<b>1935</b>								
Quebec .....	20	6	40	19	85	42,815	54,262	97,077
Ontario .....	124	38	213	11	386	396,925	254,733	651,658
Other provinces .	9	1	14	...	24	15,164	13,382	28,546
CANADA .....	153	45	267	30	495	454,904	322,377	777,281
<b>1936</b>								
Quebec .....	19	7	37	18	61	43,465	53,535	97,000
Ontario .....	134	39	233	11	417	440,578	284,370	724,948
Manitoba .....	12	3	9	1	25	10,918	7,906	18,824
Other provinces .	4	...	6	...	10	7,444	7,506	14,950
CANADA .....	169	49	285	30	533	502,405	353,317	855,722

Table 7 - WAGE-EARNERS, BY MONTHS, 1935 and 1936.

Months	1935			1936		
	Male	Female	TOTAL	Male	Female	TOTAL
January .....	250	26	276	278	30	308
February .....	256	26	282	283	29	312
March .....	255	27	282	282	29	311
April .....	253	29	282	283	31	314
May .....	263	30	293	287	31	318
June .....	267	31	298	288	31	319
July .....	266	30	296	286	29	315
August .....	273	32	305	285	28	313
September .....	275	33	308	292	31	323
October .....	276	30	306	290	30	320
November .....	271	30	301	288	30	318
December .....	271	28	299	287	28	315
AVERAGE .....	267	30	297	285	30	315

Table 8 - FUEL AND ELECTRICITY USED, 1935 and 1936.

Kinds	Unit of measure	1935		1936	
		Quantity	Cost at works	Quantity	Cost at works
Bituminous coal - Canadian ..	short ton	147	1,068	116	748
Imported ..	short ton	1,567	9,688	1,588	9,995
Anthracite coal .....	short ton	18	256	99	668
Coke .....	short ton	6	72	5	60
Gasoline .....	Imp. gal.	282	57	112	22
Kerosene .....	Imp. gal.	50	12	542	91
Fuel oil .....	Imp. gal.	2,751	275	2,960	296
Wood .....	cord	10	56	9	51
Gas - Manufactured .....	M cu.ft.	317	340	650	610
Other fuel .....	xxx	...	58	...	61
Electricity purchased .....	K.W.H.	1,195,149	23,579	1,310,410	25,261
TOTAL .....	xxx	...	35,461	...	37,863

Table 9 - POWER EQUIPMENT, 1935 and 1936.

Kinds	1935		1936	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Gasoline, gas and oil engines .....	1	4	1	4
Total Primary Equipment .....	1	4	1	4
Electric motors operated by purchased power .....	208	1,745	236	1,882
TOTAL .....	209	1,749	237	1,886
Boilers .....	7	345	9	500

Table 10 - MATERIALS USED IN MANUFACTURING, 1935 and 1936.

Materials	Unit of measure	1 9 3 5		1 9 3 6	
		Quantity	Cost at works	Quantity	Cost at works
Carbon black .....	lb.	667,598	41,046	738,883	46,667
Dry colours .....	lb.	1,371,723	497,199	1,496,197	567,712
Glue .....	lb.	78,603	17,392	83,392	18,879
Glycerine .....	lb.	155,903	21,178	176,013	27,303
Gums .....	lb.	84,320	7,971	99,068	10,249
Oils .....	xx	...	84,047	...	83,697
Starch .....	lb.	56,575	4,891	85,315	5,442
Varnishes .....	Imp. gal.	181,826	149,769	187,316	171,501
Wax of all kinds .....	lb.	19,091	5,324	22,389	5,873
All other materials .....	xx	!	87,146	...	106,686
Bottles, tops, brushes, etc..	xx	...	165,732	...	176,063
TOTAL .....	xx	...	1,081,695	...	1,225,072

Table 11 - PRODUCTS MADE, 1935 and 1936.

Products	Unit of measure	1 9 3 5		1 9 3 6	
		Quantity	Selling value at works	Quantity	Selling value at works
Inks, printing, mimeographing and lithographing .....	lb.	9,588,146	2,248,440	9,805,286	2,387,307
Inks, writing .....	xx	...	251,987	...	262,790
Printers' rollers and composition	lb.	362,910	220,391	396,011	244,745
Mucilage and paste and paste powder .....	xx	...	65,654	...	88,837
All other products (x) .....	xx	...	100,381	...	98,363
TOTAL .....	xx	...	2,886,853	...	3,082,042

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

Table 12 - TOTAL PRODUCTION OF PRINTING INKS AND PRINTERS' ROLLERS IN CANADA, 1920-1936.

Years	Printing Inks		Printers' rollers and composition
	Pounds	\$	
1920 .....	...	1,459,054	216,923
1921 .....	...	1,176,056	203,232
1922 .....	...	1,356,262	173,915
1923 .....	...	1,385,492	214,827
1924 .....	...	1,351,008	206,574
1925 .....	4,981,364	1,442,512	214,222
1926 .....	5,687,860	1,554,835	228,976
1927 .....	6,544,532	1,813,977	245,283
1928 .....	7,607,566	2,026,637	280,764
1929 .....	8,146,912	2,158,522	298,107
1930 .....	8,691,735	1,951,245	247,829
1931 .....	7,563,426	1,787,304	209,496
1932 .....	7,218,257	1,679,775	194,860
1933 .....	6,874,128	1,659,641	184,561
1934 .....	8,476,108	1,949,573	196,255
1935 .....	9,588,146	2,248,440	220,391
1936 .....	9,805,286	2,387,307	244,745



Table 13 - TOTAL PRODUCTION (x) OF WRITING INKS IN CANADA, 1932 - 1936.

Years	Selling value at works \$
1932 .....	341,613
1933 .....	285,694
1934 .....	273,471
1935 .....	251,987
1936 .....	262,790

(x) Figures for 1932 to 1934 inclusive include inks produced in other industries; for 1935 and 1936 the total shown for the Inks Industry represents the entire Canadian production.

Table 14 - IMPORTS OF INKS INTO CANADA, 1935 and 1936.

		1935		1936	
		Pounds	Value \$	Pounds	Value \$
Printing inks .....	TOTAL .....	419,902	196,260	484,017	195,531
	United Kingdom ....	105,891	69,489	95,918	62,456
	United States .....	308,005	125,048	381,714	130,690
	Other countries ..	6,006	1,723	6,385	2,385
Writing inks .....	TOTAL .....	...	26,701	...	24,978
	United Kingdom ....	...	8,957	...	6,621
	United States .....	...	15,777	...	15,557
	Other countries ...	...	1,967	...	2,800
Rotagravure ink .....	TOTAL .....	1,935	772	6,090	1,230
	United Kingdom ....	370	218	...	...
	United States .....	1,293	353	6,090	1,230
	Other countries ...	272	201	...	...

DIRECTORY OF FIRMS IN THE INKS INDUSTRY, 1936.

Names of Firms

Location of Plants

(a) PRINTING INKS AND ROLLERS.

(x) Johnson, Ensley B.	45 Kennedy St., Saint John, N.B.
Bedwell and Company	697 St. Maurice St., Montreal, P.Q.
Frontenac Ink Works Limited	1161 William St., Montreal, P.Q.
Printcraft Supply Co.	604 William St., Montreal, P.Q.
(x) Robertson, J. S.	175 Lagauchetiere St. W., Montreal, P.Q.
Thorp-Hambrock Co. Ltd.	2735 Manufacturers St., Montreal, P.Q.
Ault & Wiborg Co. of Canada, Ltd., The	82 Peter St., Toronto, Ont.
Bush, Charles, Limited	105 Davenport Road, Toronto, Ont.
Canada Printing Ink Company Limited, The	15 Duncan St., Toronto, 2, Ont.
Canadian Fine Color Company Limited	240 Logan Ave., Toronto, Ont.
Dominion Printing Ink & Color Co. Ltd.	128 Pears Ave., Toronto, Ont.
Federal Inks Limited	40 St. Patrick St., Toronto, Ont.
General Printing Ink Corp. of Canada, Limited	176 John St., Toronto, Ont.

(over)

DIRECTORY OF FIRMS IN THE INKS INDUSTRY, 1936 (concluded)

Names of Firms

Location of Plants

(a) PRINTING INKS AND ROLLERS (concluded)

Hoops Printing Ink Co. Ltd.	9 St.Clair E., Toronto, Ont.
International Printing Ink Corp. of Canada, Limited	240 Richmond St. W., Toronto, Ont.
Manton Brothers, Ltd.	105 Elizabeth St., Toronto, Ont.
Mimeograph Co. Ltd., The	189 John St., Toronto, Ont.
Phoenix Ink Works	44 Lombard St., Toronto, Ont.
Sinclair & Valentine Co. of Canada, Limited	233 Richmond St. W., Toronto, Ont.
Winstone, B., & Sons (Canada) Limited	140 Kendal Ave., Toronto, Ont.
(x) Printers' Roller Co.	175 McDermot Ave., Winnipeg, Man.
Columbia Printing Ink & Roller Co.,The	1260 Hamilton St., Vancouver, B.C.

(x) These firms did not manufacture inks but made only printers' rollers.

(b) WRITING INKS

Carter's Ink Co., The	4501 Drolet St., Montreal, P.Q.
La Cie Techno Chimique Masse	204 St. Joseph St., Lachine, P.Q.
Waterman, L.E., Co. Ltd.	263 St. James St. N., St.Lambert,P.Q.
Blue Bird Ink Co. Ltd.	124 Richmond St. W., Toronto, Ont.
Blue Ribbon Ink Co.	623 Queen St. W., Toronto, Ont.
Poole, J. E., & Company	18 Holly St. W., Toronto, Ont.
Reeves, L.A., Ink Co.	Soho and Phoebe Sts., Toronto, Ont.
Sheaffer, W. A., Pen Co. of Canada,Ltd.	169 Fleet St. W., Toronto, Ont.
Reliance Ink Co. Limited	520 McGee St., Winnipeg, Man.
Peacock Products Limited	Langside and Notre Dame Sts., Winnipeg, Man.
Peerless Products Ltd.	1642 Pandora St., Vancouver, B.C.



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