

36-203 C

Historical File Copy

PROPERTY OF THE LIBRARY

Ac'd May 29 1934

DOMINION BUREAU OF STATISTICS

CANADA

DOMINION BUREAU OF STATISTICS

FOREST PRODUCTS BRANCH

REPORT
on the
PRINTING TRADES
in
CANADA
1921 and 1922

INCLUDING:-

PRINTING AND PUBLISHING
PRINTING AND BOOKBINDING
LITHOGRAPHING AND ENGRAVING
STEREOTYPING AND ELECTROTYPING
BLUE PRINTS

Published by Authority of the Hon. Thos. A. Low, M. P.,

Minister of Trade and Commerce

OTTAWA

524

1875

1875

2

DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY - FOREST PRODUCTS BRANCH
OTTAWA, CANADA.

Dominion Statistician: R. H. Coats, B.A., F.S.S., F.R.S.C.
Forest Products Statistics: R. G. Lewis, B. Sc.F.

PRINTING TRADES IN CANADA

1921 and 1922

Ottawa, May, 1924.- A report on the Printing Trades in Canada for 1921 and 1922 has been completed by the Dominion Bureau of Statistics. This group of industries includes printing and publishing, job printing and bookbinding, lithographing and engraving, stereotyping and electrotyping, and blue printing. These five groups are considered separately as far as possible but a complete separation of statistics cannot be made as one establishment often carries on two or more of these types of printing work.

Table 1 which accompanies this report gives a summary of the principal statistics of the printing trades.

Under printing and publishing are included newspapers and periodicals which print their own publications. There were 746 such establishments in 1922 publishing 25 morning, 66 evening and 3 Sunday editions of daily newspapers, together with 450 weeklies, 28 semi-weeklies and 8 tri-weekly newspapers. Among the periodicals there were 70 monthlies, 26 semi-monthlies, 5 quarterlies and 28 others.

Out of 752 publications, 676 were printed in English, 53 in French, 4 in German, 3 each in Swedish, Jewish and Ukrainian, 2 each in Finnish, Polish and Icelandic and one each in Italian, Danish, Chinese and Norwegian.

Out of 117 periodicals 30 were devoted to trade and commerce, 24 to religion, 14 to agriculture, 7 were fraternal, 6 political, 5 financial, 3 were devoted to automobiles, 2 each to science, music, insurance, municipal affairs, mining and metallurgy, education and literature and one each to art, medicine, law and military affairs.

The total number of employees in this group was 12,347 and the total payroll \$17,951,144. The capital invested in 1922 amounted to \$38,972,589. The total amount received for subscriptions and sales was \$11,415,027 and for advertising \$26,867,288. In addition to printing their own publications, many of these establishments carry on job printing which amounted to \$6,929,032 in 1922. They also do various other kinds of printing, bookbinding and allied work.

Details concerning this group of industries will be found in Tables 2, 3, 4 and 5 which accompany this report.

Under printing and bookbinding are included the details concerning 658 establishments in 1922 which did not publish papers or periodicals. Job printing forms the greatest part of their activities representing over half the total amount received for sales and work done. Other printing, bookbinding and engraving are the next most important sources of revenue in this group of industries. The total number of employees in this group was 7,440 with a payroll of \$12,619,578. The capital invested in 1922 was \$29,280,780.

Details concerning distribution of establishments, materials used and production in the printing and bookbinding group will be found in Tables 6, 7 and 8 herewith.

Those firms which specialize in lithographing and engraving are dealt with in the next section, although this work is also done in the other groups of printing trades. Firms included in this group derived over half their revenue from lithographing and engraving, amounting in 1922 to over six million dollars. Other principal sources of revenue are art printing, job printing and map printing. The total number of employees in 1922 was 2,589 and the total for salaries and wages \$4,678,114. The capital invested was \$9,579,839.

Tables 9, 10 and 11 cover the details of this group.

Tables 12, 13 and 14 deal with stereotyping, electrotyping and blue printing as parts of the printing trade.

Table 1.- Principal Statistics of Printing Trades, 1921 and 1922.

		1 9 2 1					
		Printing and Publishing	Printing and book- binding	Lithographing and Engraving	Stereotyping and electro- typing	Blue Prints	Total for Printing Trades
Establishments	No.	836	625	87	10	16	1,574
Capital invested	\$	38,788,973	28,275,937	7,990,272	437,249	153,903	75,646,334
Employees on salaries	No.	5,456	1,774	430	48	24	7,732
Salaries paid	\$	8,483,467	3,743,220	1,164,563	83,695	30,402	13,505,367
Employees on wages	No.	8,155	7,718	1,952	112	53	17,990
Wages paid	\$	10,093,957	8,902,429	2,587,373	192,348	43,509	21,819,621
Fuel cost	\$	345,271	141,164	45,494	6,271	1,349	539,549
Miscellaneous expenses ...	\$	11,573,918	5,030,147	1,780,115	158,751	39,761	18,582,692
Cost of materials	\$	15,412,712	10,853,841	2,852,278	83,334	121,141	29,327,306
Value of products	\$	49,592,825	33,414,432	9,768,857	620,483	270,477	93,667,079
		1 9 2 2					
Establishments	No.	745	658	106	12	11	1,533
Capital invested	\$	33,972,589	29,280,780	9,579,839	621,273	85,655	78,540,139
Employees on salaries	No.	5,232	1,895	689	68	7	7,891
Salaries paid	\$	8,326,681	3,893,516	1,499,541	119,200	13,445	13,852,383
Employees on wages	No.	7,115	5,545	1,900	156	30	14,746
Wages paid	\$	9,624,462	8,726,062	3,178,573	248,717	27,805	21,805,620
Fuel cost	\$	322,537	155,503	55,195	10,145	617	543,997
Miscellaneous expenses ...	\$	12,541,997	4,658,995	2,275,953	153,624	26,528	19,657,097
Cost of materials	\$	11,944,412	9,268,754	3,274,358	82,235	28,447	24,598,206
Value of products	\$	47,693,196	30,565,620	11,510,499	734,300	118,005	90,622,120

Section 1.- Printing and Publishing

Table 2.- Distribution of Establishments by Provinces, 1921-1922.

Provinces	Number of Establishments	
	1921	1922
CANADA	836	746
Ontario	343	342
Saskatchewan	124	124
Manitoba	81	83
Quebec	79	74
Alberta	78	42
Nova Scotia	37	34
New Brunswick	27	27
British Columbia and Yukon ...	65	16
Prince Edward Island	2	4

Table 3.- Materials Used, 1921 and 1922

Materials	Quantity		Value	
	1921	1922	1921	1922
			\$	\$
TOTAL	-	-	15,412,712	11,944,412
Paper, newsprint	tons 84,460	32,793	10,403,684	8,109,604
Paper, flat	reams 244,749	162,458	1,465,090	907,221
Paper board	" 43,966	7,567	504,335	135,018
Paper, all other	\$ -	-	761,107	970,862
Ready prints	reams 2,946	3,104	15,939	17,704
Inks, printing and other	\$ -	-	376,093	364,886
Rollers and composition	\$ -	-	263,319	64,707
Type purchased	\$ -	-	97,337	64,168
Metal, monotype and other	\$ -	-	148,707	91,194
Wood and steel engravings	\$ -	-	196,616	162,024
Miscellaneous materials	\$ -	-	1,180,405	1,057,024

Table 4.- Products, 1921 and 1922

Products	Total Value	
	1921	1922
	\$	\$
TOTAL	49,592,825	47,693,196
Newspaper subscriptions and sales	10,234,179	10,005,901
Newspaper advertising	25,236,552	24,378,946
Newspaper, job printing	6,797,252	5,152,120
Periodicals, subscriptions and sales	1,141,573	1,409,126
Periodicals, advertising	2,287,768	2,488,342
Periodicals, job printing	1,483,612	1,776,912
Books and pamphlets	579,950	265,454
Sheet music and books of music	107,343	271,742
Ready prints (patent insides and outsides)	14,481	52,713
Bookbinding	343,804	337,102
Lithographs and engravings	262,962	197,863
Stereotypes and electrotypes	17,122	22,711
Blank books and stationery goods	34,326	283,094
All other products	1,051,891	1,051,165

Section 1 (Continued)- Printing and Publishing

Table 5.- Circulation, 1921-22

Editions	Number of publications	Average circulation per issue	
		For all publications	For each publication
Newspapers -			
Daily, morning edition	25	465,057	18,602
Daily, evening edition	66	1,065,859	16,149
Daily, Sunday edition	3	161,916	53,972
Weekly edition	450	1,361,486	3,026
Semi-weekly edition	28	106,190	3,793
Tri-weekly edition	8	79,472	9,934
Periodicals -			
Monthly edition	70	830,546	11,865
Semi-monthly	26	381,098	14,657
Quarterly	5	172,280	34,456
Other	28	638,049	22,787

Section 2.- Printing and Bookbinding

Table 6.- Distribution of establishments by Provinces, 1921 and 1922

Provinces	Number of Establishments	
	1921	1922
CANADA	625	658
Ontario	300	311
Quebec	151	154
British Columbia	50	58
Manitoba	49	50
Alberta	31	33
Nova Scotia	18	20
New Brunswick	13	15
Saskatchewan	12	14
Prince Edward Island	1	3

Table 7.- Materials Used, 1921 and 1922

Materials		Quantity		Value	
		1921	1922	1921	1922
TOTAL	\$			9,268,754	10,853,841
Paper, newsprint	tons	4,780	3,634	573,743	485,816
Paper, flat	reams	555,868	554,544	3,049,363	3,389,605
Paper board	"	38,786	48,538	576,751	500,936
Paper, marble	"	9,682	7,982	120,257	99,749
Paper, coated	"	41,797	73,056	494,856	966,119
Paper, cover	"	10,568	13,957	113,147	137,155
Paper, all other	\$	-	-	2,219,384	2,976,271
Inks and colours	lbs.	687,559	882,315	530,903	559,532
Rollers and composition	\$	-	-	72,059	60,908
Type and type metal	lbs.	392,564	383,148	138,806	140,380
Leather	\$	-	-	67,412	131,887
Woolth	\$	-	-	102,168	183,372
Pulp and millboard	tons	944	965	100,229	135,507
Glue	lbs.	94,536	144,433	20,444	30,961
Paste	"	46,815	78,368	6,301	17,982
Other bindery materials	\$	-	-	180,634	327,274
Copper	\$	-	-	13,923	20,913
Brass	\$	-	-	5,312	2,069
Zinc	\$	-	-	9,578	4,912
Steel	\$	-	-	31,990	31,480
Chemicals	\$	-	-	6,154	6,486
Artists materials	\$	-	-	9,282	12,634
Other engraving materials	\$	-	-	-	578,919
Other miscellaneous materials	\$	-	-	826,058	52,974

Section 2.- Printing and Bookbinding (Continued)

Table 8.- Products, 1921 and 1922

Products	Value received for sales and work done	
	1921	1922
TOTAL	\$ 33,414,432	\$ 30,565,620
Art printing	774,478	171,040
Job printing	14,106,226	16,743,220
Book printing	3,114,297	1,627,262
Other printing	3,014,725	2,468,485
Ruling	422,963	455,809
Bookbinding	2,441,314	2,076,295
Engraving and lithographing	3,379,459	2,159,980
Electrotyping and stereotyping	161,507	73,853
Stationery goods	1,425,650	1,485,742
Loose leaf and blank books	2,789,146	2,242,396
Other miscellaneous products	1,060,249	748,416
Custom work	724,418	313,116

Section 3.- Lithographing and Engraving

Table 9.- Distribution of Establishments by Provinces, 1921 and 1922

Provinces	Number of Establishments	
	1921	1922
TOTAL	87	106
Ontario	55	65
Quebec	15	22
British Columbia	4	6
Manitoba	6	6
Alberta	3	3
Saskatchewan	2	2
New Brunswick	1	1
Nova Scotia	1	1

Table 10.- Materials Used, 1921 and 1922

Materials	Quantity		Value	
	1921	1922	1921	1922
TOTAL	-	-	\$ 2,852,278	\$ 3,274,358
Paper, newsprint	tons 25	111	3,646	12,895
" flat	reams 46,246	92,261	343,824	694,102
" board	" 15,319	6,993	172,899	136,607
" marble	" 7,000	-	71,350	-
" coated	" 14,588	16,076	181,348	207,320
" cover	" 327	628	5,266	8,115
" all other	\$ -	-	1,032,059	951,689
Inks and colours	lbs. 253,823	192,817	188,875	241,671
Rollers and composition	\$ -	-	3,763	5,378
Type and type metal	lbs. 13,124	9,200	8,232	5,430
Leather	\$ -	-	2,440	6,176
Cloth	\$ -	-	6,326	9,646
Pulpboard and millboard	tons 806	846	110,150	81,509
Glue	lbs. 4,922	15,612	1,228	2,419
Paste	" 755	15,133	1,209	1,642
Other bindery materials	\$ -	-	67,115	28,102
Copper	\$ -	-	24,320	18,987
Brass	\$ -	-	3,350	1,525
Zinc	\$ -	-	17,753	18,525
Steel	\$ -	-	14,021	8,358
Chemicals	\$ -	-	49,929	42,253
Artists materials	\$ -	-	46,077	23,026
Other engraving materials	\$ -	-	490,284	850
Other miscellaneous materials	\$ -	-	7,809	767,125

Section 3.- Lithographing and Engraving (continued)

Table 11.- Products, 1921 and 1922

Products	Value received for sales and work done	
	1921	1922
TOTAL	9,768,857	11,510,499
Art printing	1,303,271	2,259,135
Job printing	439,025	1,118,388
Book printing	387,662	87,756
Other printing	557,998	402,294
Ruling	-	151,905
Bookbinding	113,345	135,224
Engraving and lithographing	5,477,445	6,366,436
Electrotyping and stereotyping ..	143,869	91,571
Stationery goods	10,634	60,210
Loose leaf and blank books	96,782	-
Map making and mounting	17,200	22,725
Other miscellaneous products	573,759	716,088
Custom work	647,867	100,767

Section 4.- Stereotyping and Electrotyping

Table 12.- Materials Used, 1921 and 1922.

Materials		Quantity		Value	
		1921	1922	1921	1922
TOTAL	\$	-	-	83,334	82,235
Electrotype and stereotype metal	lbs.	-	421,127	29,502	37,759
Unspecified metals	"	-	13,350	-	2,395
Copper and nickel anodes	"	-	31,661	347	7,742
Tin foil	"	-	6,118	1,256	1,472
Wax	"	-	3,419	461	1,295
Wood for mounting	ft. bm.	-	31,087	3,787	7,300
Unspecified materials	\$	-	-	47,981	24,253

Table 13.- Production, 1921 and 1922

Provinces	Number of firms reporting		Value of work done	
	1921	1922	1921	1922
CANADA	10	12	620,488	734,800
Ontario	6	7	419,336	435,708
Quebec	4	5	201,152	299,092

Section 5.- Blue Printing

Table 14.- Materials and Production, 1922.

	Number of firms reporting	Total value of Materials	Total value of products and work done
		\$	\$
CANADA	11	28,447	118,005
Ontario	2	12,958	49,636
Quebec	2	9,066	42,616
British Columbia	3	2,916	13,281
Manitoba	2	2,632	9,060
Alberta	2	825	3,412

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010760548