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DEPARTMENT OF TRADE AND COMMERCE
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PRELIMINARY REPORT
on the
PRINTING & BOOKBINDING INDUSTRY
in
CANADA
1931

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Note.- Production figures as given in this bulletin do not necessarily represent the total output in Canada of the commodities listed, as there may be also a considerable production in other industrial groups. For complete information this bulletin must be read with the rest of the series on paper industries and other publications of the Census of Industry.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
FORESTRY BRANCH
CANADA

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THE PRINTING AND BOOKBINDING INDUSTRY IN CANADA

1930-1931.

Ottawa, February, 1933.-- A report on the printing and bookbinding industry in Canada for 1930 and 1931 has just been issued by the Forest Products Branch of the Dominion Bureau of Statistics. This report gives the production of firms engaged chiefly in job printing.

There were 971 establishments engaged in this industry in 1931 as against 905 in 1930. The distribution by provinces was as follows: Ontario 425; Quebec, 266; British Columbia, 82; Manitoba, 72; Alberta, 48; Nova Scotia, 26; Saskatchewan, 29; New Brunswick, 19 and Prince Edward Island 4. Ontario reported an increase of 19 plants and Quebec 11, Nova Scotia 3, British Columbia 6, Saskatchewan 6, Manitoba 10 and Alberta 11.

Capital investment in these concerns decreased from \$38,837,176 in 1930 to \$36,832,215 in 1931, showing a decrease of \$2,004,961, or 5.2 per cent below the figure for the preceding year. The value placed on lands, buildings, machinery, tools, etc., was given at \$25,251,138; materials on hand and stocks in process amounted to \$3,629,372; finished products on hand \$565,360; and cash, trading and operating accounts and bills receivable to \$7,386,345.

The average number of employees in the printing and bookbinding industry in 1931 was 11,189 or 378 less than the number reported in 1930, and the total sum paid in salaries and wages was \$14,604,194 as compared with \$15,663,048 in 1930. The 2,795 salaried employees were paid \$5,196,510 and the 8,394 wage-earners received \$9,407,684 during the year.

Cost of fuel totalled \$139,370, a decrease of \$7,517 from \$146,887 reported in 1930. Bituminous coal was valued at \$49,477, gas cost \$26,871, oil \$23,950; anthracite coal \$19,873; coke \$6,652; lignite coal \$3,743; wood \$2,432; gasoline \$935 and other fuel \$5,437. Expenditures on electric power during the year amounted to \$237,463 which represented the cost of 8,815,030 k.w.h. Power installation included eleven steam engines, eight gasoline engines, one hydraulic turbine or water wheel, 5,672 electric motors operated by purchased power with a total rating of 9,962 horse-power, and fifty-six electric motors operated by power generated by the establishments with a rating of 137 horse-power.

Materials used in the printing and bookbinding industry amounted to \$10,250,998 as against \$11,942,385 in 1930. Book and writing paper was used to the amount of \$4,269,551 and formed 41.6 per cent of the total value of materials employed. Newsprint paper cost \$791,501, paper board \$411,946, cover and fancy paper \$222,073, envelopes, \$308,224, ready-print \$29,653, all other paper and paper board \$1,696,456 and all other materials \$2,521,594.

Production in 1931 was valued at \$32,538,628 as compared with the corresponding figure of \$37,941,787 recorded in 1930. The total amount received from job printing was \$24,566,112, representing over half the total amount received from sales and work done. Bookbinding, advertising, looseleaf and blank books, lithographing and stationery goods were the next most important sources of revenue.

The following tables give, first, a summary of the principal statistics of the industry in 1930 and 1931, followed by comparative detailed tables for both years, covering the distribution of establishments, capital invested, employment, fuel, electricity, power, materials used and products manufactured.

THE PRINTING AND BOOKBINDING INDUSTRY IN CANADA

1930-1931

Table 1.- Principal Statistics, 1930-1931.

Items		1 9 3 0	1 9 3 1
Establishments	No.	905	971
Capital employed	\$	36,837,176	36,832,215
Employees on salaries	No.	2,069	2,795
Salaries paid	\$	4,394,820	5,196,510
Employees on wages	No.	9,498	8,394
Wages paid	\$	11,268,228	9,407,684
Fuel used	\$	146,837	139,370
Power used	\$	217,255	237,463
Cost of materials	\$	11,942,885	10,250,998
Value of products	\$	37,941,787	32,538,628

Table 2.- Distribution of Establishments by Provinces, 1930-1931.

Provinces	Number of Establishments	
	1 9 3 0	1 9 3 1
CANADA	905	971
Ontario	406	425
Quebec	255	266
British Columbia	76	82
Manitoba	62	72
Alberta	37	48
Nova Scotia	23	26
Saskatchewan	23	29
New Brunswick	19	19
Prince Edward Island	4	4

Table 3.- Capital Invested, 1930-1931.

Items	1 9 3 0	1 9 3 1
	\$	\$
TOTAL	38,837,176	36,832,215
Land, buildings, fixtures and machinery	25,326,011	25,251,138
Materials, stocks, etc., on hand	4,646,206	3,629,372
Finished products on hand	-	565,360
Cash, trading and operating accounts	8,864,959	7,386,345

/Not separated in 1930.

Table 4.- Employment, 1930 and 1931.

Classes of Employees	Total Number of Employees		Males		Females		Total Salaries and Wages	
	1930	1931	1930	1931	1930	1931	1930	1931
	No.	No.	No.	No.	No.	No.	\$	\$
TOTAL	11,567	11,189	8,617	8,556	2,950	2,633	15,663,048	14,604,194
Salaried employees	2,069	2,795	1,529	2,221	540	574	4,394,820	5,196,510
Employees on wages	9,498	8,394	7,088	6,335	2,410	2,059	11,268,228	9,407,684

THE PRINTING AND BOOKBINDING INDUSTRY IN CANADA,
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Table 5.- Fuel Used, 1930 and 1931.

Kind of Fuel	Quantity		Value	
	1930	1931	1930	1931
			\$	\$
TOTAL	-	-	146,887	139,370
Bituminous coal, Canadian tons	3,277	3,184	28,344	26,040
Imported "	3,876	3,098	27,063	23,437
Anthracite coal "	1,696	1,714	21,470	19,873
Lignite coal Canadian "	197	348	2,324	2,629
Imported "	89	103	918	1,114
Coke "	704	788	5,728	6,652
Gasoline gals.	3,250	3,564	912	935
Kerosene "	14,010	1,706	3,269	479
Fuel oil "	250,892	269,149	25,501	23,471
Wood cords	636	382	3,311	2,432
Gas (a) manufactured M cu. ft.	22,435	21,875	21,766	21,979
(b) natural "	8,024	14,662	2,887	4,892
Other fuel	-	-	3,394	5,437

Table 6.- Electricity Used, 1930 and 1931.

	Quantity		Value	
	1930	1931	1930	1931
	\$	\$	\$	\$
TOTAL	-	-	217,255	237,463
Electricity purchased for power only metered - K.W.H.	7,097,646	8,815,030	177,971	237,463
Electricity purchased for power only at flat rate - H.P.	1,536	-	39,284	-

Table 7. - Power Employed, 1930 and 1931.

Power Units	No. of Units		Total H.P.	
	1930	1931	1930	1931
Steam engines and steam turbines	3	11	111	114
Gasoline, gas and oil engines	9	8	129	129
Hydraulic turbines or water wheels	1	1	2	3
Total Primary Power	13	20	242	246
Electric motors operated by purchased power	5,455	5,672	10,125	9,962
Total Power	5,468	5,692	10,367	10,208
Electric motors operated by power generated by the establishment	49	56	144	137
Total Electric motors	5,504	5,728	10,269	10,199
Boilers	11	41	675	878

*Not separated in 1931.

THE PRINTING AND BOOKBINDING INDUSTRY IN CANADA

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Table 8. - Materials Used, 1930 and 1931.

Materials		Quantity		Value	
		1930	1931	1930	1931
				\$	\$
TOTAL	\$	-	-	11,942,885	10,250,998
Newsprint paper	reams	10,704	8,379	24,322	17,555
	lbs.	23,698,582	16,766,883	1,106,110	773,946
Ready-Print	reams	-	1,510	-	7,622
	lbs.	-	131,426	-	22,031
Book and writing paper	reams	124,482	91,989	550,212	424,468
	lbs.	32,907,318	35,117,309	4,120,755	3,845,083
Paper board	reams	2,432	5,931	32,139	59,225
	lbs.	10,054,235	6,756,275	490,505	352,721
Cover and fancy paper	reams	5,346	5,076	51,069	51,496
	lbs.	725,113	1,055,688	200,014	170,577
Envelopes	\$	-	-	243,039	308,224
All other paper	reams	45,417	26,317	195,048	98,310
	lbs.	11,467,949	10,296,136	1,387,063	1,285,699
All other paper and paper board	\$	-	-	649,759	312,447
All other materials	\$	-	-	2,892,850	2,521,594

/Not given separately in 1930.

Table 9.- Products Manufactured, 1930 and 1931.

Products	Value	
	1930	1931
	\$	\$
TOTAL	37,941,787	32,538,628
Subscriptions and sales of publications	18,232	69,603
Advertising	683,850	537,524
Job printing	28,216,305	24,566,112
Stereotyping	4,939	66,698
Ruling	433,444	462,048
Lithographing	952,692	827,912
Photo-engraving	35,837	48,986
Other engraving	29,277	17,681
Embossing	91,487	152,282
Electrotyping	145,959	114,261
Bookbinding	2,231,653	1,938,838
Loose leaf and blank books	1,288,575	1,036,814
Counter check books	836,126	661,003
Stationery goods of all kinds	1,372,997	933,587
Typesetting	202,967	69,194
Paper boxes and bags	118,640	108,157
/Multigraphing and mimeographing	-	85,292
Tags, seals and greeting cards	307,295	174,866
All other products and work done including filing systems, roll forms, book-folding and stitching, meter charts, mailing bags and rubber stamps, gummed tape, etc.	971,512	667,770

/Not given separately in 1930.

Note: Data given here do not necessarily represent the total Canadian production under each heading since these products are also listed under other industries.

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