# CANADA <br> DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS <br> FOREST PRODUCTS BRANCH 

## PRELIMINARY REPORT

on the
PRINTING \& BOOKBINDING INDUSTRY
in

CANADA

1929-1930

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Minister of Trade and Commerce
$+\quad+$

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Note,- Production figutes 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 prom duction 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.

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THE PRIITING AND BOOKBINDING INDUSTRY IIT CAITADA
1929-1930.

Ottawa, April, 1932.- A report on the printing and bookbinding industry in Canada for 1929 and 1930 has just been issued in the Forest Products $^{\text {P }}$ Branch of the Dominion Bureau of Statistics. This report gives the production of firms engaged chiefly in job printing.

There were 905 establishments engaged in this industry in 1930 as against 910 in 1929. The distribution by provinces was as follows: Ontario 406; Quebec, 255: British Colmbia, 76; Manitoba, 62; Alberta, 37; Nova Scotia 23: Saskatchewar, 23; New Brunswick, 19 and Prince Edward Island four. Ontario reported a decrease of seven plants and Quebec two, and Nova Scotia three, British Columbia and Saskatchewan increased three each and liew Brunswick one.

Capital investment in these concerns decreased from $\$ 43,506,712$ in 1929 to $\$ 38,837,176$ in 1930, snowing a decrease of $\$ 4,669,536$, or 10.7 per cent below the figure for the preceding year. The value placed on lands, buildings, machinery, tools, etc:, was given at $\$ 25,326,011$; materials on hand and stocks in process amounted to $\$ 4,646,206$ and cash, trading and operating accounts and bills receivable to $\$ 8,864,959$.

The average number of employees in the printing and bookbinding industry in 1930 was 11,567 or 811 less than the number reported-1n 1929, and the total sum paid in salaries and wages was $\$ 15,663,048$ as compared with $\$ 16,695,127$ in 1929. The 2,069 salaried employees were paid $\$ 4,394,820$ and the 9,498 wageearners received $\$ 11,268,228$ during the year.

Cost of fuel totalled $\$ 146,8 \$ 7$, a decrease of $\$ 10,427$ fron $\$ 157,314$ reported in 1929. Bituninous coal was valued at $\$ 55,407$, gas cost $\$ 24,653$, oil \$28,770; antiracite coal \$21,470; cole \$5,728; 11gnite coal \$3,242; mood \$3,311; gasoline, $\$ 912$ and other fuel $\$ 3,394$. Expenditures on electric power during the year amounted to $\$ 217,255$ of which $\$ 177,971$ represented the cost of $7,097,646 \mathrm{k} \mathrm{m} . \mathrm{h}$. and $\$ 39,284$ the cost of $1,556 \mathrm{~h} . \mathrm{p}$. Power instrillation included three steam engines, nine gasoline engines; one hydraulic tubine or mater wheel, 5,455 electric motors operated by purchased power with a total rating of 10,125 horse-power, and forty-nine electric motors operated by power generated by the establishments with a rating of 144 horse power.

Materials used in the printing and booisbinding industry amount ed to $\$ 11,942,855$ as against $\$ 13,761,259$ in 1929. Book and writing paper was used to the amount of $\$ 4,670,867$ and formed 39 per cent of the total value of materials employed. Nemsorint paper cost $\$ 1,130,432$, paper board $\$ 522,644$, oover and fancy paper $\$ 251,083$, envelopes, $\$ 243,039$, all other paper and paper board $\$ 2,231,870$ and all other naterials $\$ 2,892,850$.

Production in 1930 was valued at $\$ 37,941,787$ as compared with the corresponding figure of $\$ 43,748,715$ recorded in 1929. The total amount received from job printine was $\$ 28,216,305$, representing over half the total amount received from seles and work done. Bookbinding, advertising, looseleaf and blank books, lithographing and stationery goods mere the next most important sources of revenue.

The following tables give, first, a sumnary of the principal statistics of the industry in 1929 and 1930, followed by comparative detailed tables for both years, covering the distribution of establishments, capital invested, employment, fuel, electricity, power, meterials used and products manufactured.

## 1929-1930

Table 1.- Principal Statistics, 1929-1930.

| Items | 1929 | 1930 |  |
| :--- | :--- | ---: | ---: |
| Establishments | No. | 1920 | 905 |
| Capital employed | $\$$ | $93,506,712$ | $38,837,176$ |
| Mmployees on salaries | No. | 2,130 | 4,069 |
| Salaries paid | $\$$ | $4,409,514$ | $4,394,820$ |
| Employees on wages | No. | 10,248 | 9,498 |
| Wages paid | $\$$ | $12,285,613$ | $11,268,228$ |
| Fuel used | $\$$ | 157,314 | 146,887 |
| Power used | $\$$ | 239,354 | 217,255 |
| Cost of materials | $\$$ | $13,761,259$ | $11,942,885$ |
| Value of products | $\$$ | $43,748,715$ | $37,941,787$ |

Table 2. - Distribution of Establishments by Provinces, 1929-1930

| Provinces | Number of Establishments |  |
| :--- | ---: | ---: | ---: |
|  | 1929 | 1930 |
|  | 910 | 905 |
| Quebec |  |  |
| Britisli Columbia | 413 | 406 |
| Manitoba | 257 | 255 |
| Alberta | 73 | 76 |
| Nova Scotia | 62 | 62 |
| Saskatchewan | 37 | 37 |
| New Brunswick | 26 | 23 |
| Prince Edward Island | 20 | 23 |

Table 3.- Capital Invested, 1929-1930.

| Items | 1929 | 1930 |
| :--- | :---: | :---: |
| moral | $43,506,712$ | $\$$ |
| Land, buildings, fixtures and machinery | $28,329,951$ | $38,837,176$ |
| Materails, stocks, etc., on hand | $5,314,707$ | $25,526,011$ |
| Cash, trading and operating accounts | $9,862,054$ | $4,646,206$ |

Table 4. - Employment, 1929 and 1930.

| Classes of Employees | Total Number of mployees |  | Males |  | Females |  | Total Salaries and Mages |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1929 | 1930 | 1929 | 1930 | 1929 | 1930 | 1929 | 1930 |
|  | No. | No. | No. | No. | No. | No. | \$ | \$ |
| TOTAL | 12,378 | 11,567 | 9,126 | 8,617 | 3,252 | 2,950 | 16,695,127 | 15,663,048 |
| Salaried ermployees | 2,130 | 2,069 | 1,557 | 1.529 | 573 | 540 | 4,409,514 | 4,394,820 |
| Imployees on wages | 10,248 | 9,495 | 7,569 | 7,088 | 2,679 | 2,410 | 12,285,613 | 11,265,228 |

Table 5.- Fuel Used, 1929 and 1930.

| Tind of Fuel |  | Quantity |  | Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1929 | 1930 | 1929 | 1930 |
|  |  |  |  | \$ | \$ |
| TOTAL |  | - | - | 157,314 | 146,887 |
| Bituminous coal, Canadian | tons | 3.937 4.158 | 3,277 3,876 | 30,169 | 28,344 |
| Anthracite coal Imported | - | 4,158 2,335 | 3,876 1,696 | 31,361 24,986 | $\begin{aligned} & 27,063 \\ & 21,470 \end{aligned}$ |
| Iignite coal canadian | 11 | 2,165 | -197 | 24,132 | 2,324 |
| Imported | " | 148 | 89 | 1,489 | 918 |
| Coke | " | 713 | 704 | 6,006 | 5,728 |
| Gasoline | gals. | 2,621 | 3,250 | 745 | 912 |
| Kerosene | " | 1,798 | 14,010 | 501 | 3,269 |
| Fuel ofl | " | 249,831 | 250,892 | 25,786 | 25,501 |
|  |  | 348 | , 636 | 2,338 | 3.311 |
| Gas (a) manufactured | M cu. ft. | 36,619 | 22,435 | 28,261 | 21,766 |
| (b) natural | N | 4,671 | 8,024 | 1,975 | 2,887 |
| Other fuel |  | , | - | 1,565 | 3,394 |

Table 6.- Electricity Used, 1929 and 1930.

|  | Quantity |  | Value |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1929 | 1930 | 1929 | 1930 |
|  |  |  | \$ | \$ |
| TOTAL | - | - | 239,354 | 217,255 |
| Blectricity purchased for power only metered - K.W.H. | 9,051,327 7 | 7,097,646 | 207,109 | 177,971 |
| Electricity purchased for power only at flat rate - H.P. | 1.144 | 1,536 | 32,245 | 39,284 |
| Table 7. - Power Imp | $\frac{\mathrm{yed}, 1922}{\text { No. } 01}$ | and 1930 | Total | P. |
| Power | 1929 | 1930 | 1929 | 1930 |
| Steam engines and steam turbines Gasoline, gas and oil engines | 2 9 | 3 9 | 110 107 | 111 |
| Hydraulic tubines or water wheels | 1 | 1 | 3 | 2 |
| Total Primary Power | 12 | 13 | 220 | 242 |
| Electric motors operated by purchased power | 5,202 | 5,455 | 10,032 | 10,125 |
| Total Power | 5,214 | 5,468 | 10,252 | 10,357 |
| Electric motors operated by porger generated by the establishment | 46 | 49 | 116 | 144 |
| Total Electric motors | 5,248 | 5,504 | 10,148 | 10,269 |
| Boilers | 9 | 11 | 488 | 675 |

Table 8. - Laterials Used, 1929 and 1930.

| Materials |  | Quantity |  | Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1929 | 1930 | 1929 | 1930 |
|  |  |  |  | \$ | \$ |
| TOTAL | \$ | - | - | 23,761,259 | 11,942,885 |
| Nerrsprint paper | reams | $9,838$ |  | 18,885 |  |
| Book and writing paper | 1bs. reams | $19,927,545$ 66,215 | 23,698,582 | 930,362 | $\begin{array}{r} 1,106,110 \\ 550,212 \end{array}$ |
| Book and writing paper | $\begin{aligned} & \text { reams } \\ & \text { lbs: } \end{aligned}$ | 66,215 $44,199,464$ | [ 124,482 | 259,390 $5,295,154$ | $\begin{array}{r} 550,212 \\ 4,120,755 \end{array}$ |
| Paper board | reans | 3, 3,744 | 32, 2,432 | 5.291,683 | 42,139 |
|  | lbs, | 9,949,114 | 10,054,235 | 537,032 | 490,505 |
| Cover and fancy paper | reams | - | 5,346 | , | 51,069 |
|  | lbs. | - | 725,113 | - | 200,014 |
| Envelopes | \$ |  |  |  | 243.039 |
| All other paper | reams | 20,670 | 45,417 | 108,648 | 195.048 |
|  | Ibs. | 18, 242,888 | 11,467,949 | 2,276,407 | 1,387.063 |
| All other paper and paper board | \$ | 18,242, | -1, | 855,344 | 649,759 |
| All other materials | \$ | - | - | 3,438,354 | 2,892,850 |

Table 9.m Products Manufactured, 1929 and 1930.

| Products | Value |  |
| :---: | :---: | :---: |
|  | 1929 | 1930. |
|  | \$ | \$ |
| TOTAL | $43,748,715$ | 37:941,787 |
|  |  | 18,232 683,850 |
| Advertising <br> Job printing | $2,720,351$ $28,420,041$ | 683,850 28,216,305 |
| Sterootyping | 54,951 | -4,939 |
| Ruling | 521,755 | 433,444 |
| Iithographing | 1,364,636 | 952,692 |
| Photo-engraving | 169,844 | 35,837 |
| Other ongraving | 31,207 107,127 | 29,277 91.487 |
| Electrotyping | 107,127 | 91,487 |
| Bookbinding | 2,816,442 | 2,231,653 |
| Loose leaf and blank books | 1,982,172 | 1,288,575 |
| Counter check books | 696,762 | 836,126 |
| Stationery goods of all kinds | 1,074,830 | 1,372,997 |
| Typesetting | 531.749 | 202,967 |
| Paper bozes and bags |  | 9a,250 |
| Tifs, seils and greeting cards | - | 307,295 |
| sil other productic and trors done ine 2 ud1ag filide systems, roll formb, cartons, oobluolding and stitccingt, meser charts, <br>  | 3,183323 | 997.902 |

Note: Data given inere do not necessarlly represent the total Canadian production under eaci heading since these products are also listed under other industries.

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