# $41-207$ 

DULITNTUN BUREAU UF STATISTICS - CANADA
Dominion Statistician: $K_{,}, H_{u}$ Coats, $B_{n} A_{0}, F, S_{0} S_{0}$ (Hono), Fo RoS.C.
dining, Wetallareical and Chemical Branch
Chief's W. H., Losee, B, SC.


## IRUN AND STEEL AND THETK PRUDUCTS

## THE BRIJGE BUTLDING AHD STIVUCTUKKL STEEL WUFK INDUSTRY, 1932.

Value of work done in the Bridge and Structural Steel Industry in Canada aunounted to $\$ ?, 385,013$ in 1.932. Thi's industry includes the concerns which were en-gaged chiefly jn foubricating and erecting structural steel for bridges, buildings, etc, and in 1932 covered the operations of 18 establishments. Ten of these works were in Untario, 4 in Quebec, 1 in Manitoba, 2 in British Columbia, and 1 in Alberta. Production in the previous year, 1931 , was valued at $\$ 22,170,215$ with 21 plants in operation.

Capital employed in 1932 was reported at $\$ 24,872,219$ of which $\$ 15,800,484$ represented the value of land, buildings, machinery and toolso An average of 2,193 workers were employed in this industry and their receipts in salaries and wages anounted to $\$ 3,635,213$. Expenditures for materials were reported at $\$ 4,109,142$ and the cost of fuel and elentricity was given at $\$ 240,236$.

The principal products were: bridges, 14,218 tons at $\$ 1,721,215$; structurel work (buildings, transmission tuwers, etc.) 30,802 tons at $\$ 3,243,325$; plate and tank work, 4,062 tons at $\$ 589,940$; and mechanical work at $\$ 355,397$. The value of work in process at the end of the year was $\$ 1,232, ? 34$.

Table $1 \cdots$ PRTNCIPAL STATT STTCS UF THE BRIDGE ANU STKUCTULAL DTEEL WURK INDUSTKY IN CANADA, 19.51 and 1932.

| Years | No. of plants | Capj.tal employed | Average <br> number <br> of em <br> 3.0yees | Salaries and wages | Cost of materials at, works | Selling value of products at works | Value added by manu. facturing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1931 |  | \$ |  | \% | \$ | \$ | \$ |
| Queber | 4 | $7,257,432$ | 1.,44. | 2,580, 520 | 2,966,111 | 7,530,963 | 4,564,852 |
| Untario | 11 | 13.780 .135 | 2,047 | 2,978,952 | $4,340,385$ | 8,837,468 | 4,497,083 |
| CANADA | 21 | $27.469,351$ | 4, 422 | 7, 143, 544 | 9.132 .721 | 22,170,215 | 13,037,494 |

1932

| Quebec | 4 | $6,443,007$ | 872 | $1,614,661$ | $1,765,187$ | $2,379,710$ | 614,523 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Untar10 | 10 | $23,724,582$ | 945 | $1,348,895$ | $1,832,468$ | $3,447,237$ | $1,614,769$ |
| CANADA | $(x)$ | 18 | $24,872,219$ | 2,193 | $3,635,213$ | $4,109,142$ | $2,360,113$ |

(x) Total for 1931 also includes 2 plants in Manitoba, 2 in Britisn Columbia, 1 in New Brunsrick and 1 in Alberta. Total for $193{ }^{\circ}$ al so incluces 2 plants in British. Columbia, 1 in Al berta and 1 in ifanituba.

Table 2 - CAPITAL EAPLUYED, BY PRUVINCES, 1931 and 1932. Present value Inventory value Operating of land, build- of materials on Inventory capital (cash,
Prov- ings, fixtures, hand, stocks in
inces machinery, process, fuel and
tools and other supplies on
equipment

| Inventory | capital (cash, |  |
| :--- | :--- | :--- |
| value of | bills and | TUTAL |
| finished | accounts re- | CAPITAL |
| producta on | ceivable, |  |
| hand | etco) |  |

1957

| Quebec | $3,876,333$ | $2,465,797$ | 2,700 | 912,602 | $7,257,432$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Untario | $\frac{7,732,084}{}$ | $1,236,213$ | $7,38,417$ | $3,773,421$ | $13,480,135$ |
| CANADA $(x)$ | $16,249,711$ | $4,636,580$ | 908,419 | $5,674,641$ | $27,469,351$ |

1952

| Quebec | $3,607,343$ | $1,800,091$ | 101,191 | 934,382 | $6,443,007$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Ontario | $8,622,850$ | 955,770 | 365,483 | $3,780,479$ | $13,724,582$ |
| CANADA(x) | $15,800,484$ | $3,293,769$ | 467,535 | $5,310,431$ | $24,872,219$ |
| (x) See footnote to Table 1. |  |  |  |  |  |

Table 3o FMPLUYEES, SAIARIES AND WAGES, BY PRUVINCES, 1931 and 1932.
Average number of employees
Salaries and wages
Prov un salarios un wages

| inces | Male Female Male Female | TUTAL | Salaries | Nages | TUTAL |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

1932

| Quebec $\ldots$ | 187 | 27 | 658 | $\ldots$ | 872 | 785,590 | 829,071 | $1,614,661$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Ontario | 228 | 32 | 685 | 0 | 945 | 603,383 | 745,512 | $1,348,895$ |
| CANADA $(x)$ | 532 | 72 | 1,589 |  | 2,195 | $1,667,514$ | $1,967,699$ | $3,635,213$ |

(x) See footnote to Table 1.

Table 4 - WAGE EARNBRS, BY MUNTHS, 1931 and 1932.


Table 5 - TUTAL UF WAGE EARNERS IN MUNTHS UF HJGHEST ENPLUKMENT, ACCURDING TU REGULAR


Table 7 - PUWER EQUIPMENT, 1931 and 1932.


Table 8 ．．MATURIALS USED， 1931 and 1932．

| Materials | $1-31$ |  | 3.2 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Cost at． works | Quantity | Cost at works |
|  | Tons | \＄ | Tons | \＄ |
| diucturul steel |  |  |  |  |
| Shapes，including channels，beams，columns， angles，joists，tees and zees |  |  |  |  |
| Plates and sheets | 37，954 | 1，684，495 | 20，425 | 867，121 |
| Miscellaneous，including bars，billets， slabs，rounds，squares and sheet piling | 22，570 | 1，021，128 | 7，922 | 372，680 |
| Uther materials ． |  |  |  |  |
| Uther complet，e parts purchased，including engines，boilers，etc． |  | 599， 200 |  | 30，430 |
|  | 2，881 | 102，363 | 356 | 15，138 |
| Other materials |  | 1．058， 562 |  | 774，393 |
| －－TUTAL－0．eresorerou．e． |  | 9，132，721 |  | 4．109．142 |

Table 9 －PRUDUCTS MADE， 1931 and 1932.

| Products | $1{ }_{1} 9.931$ |  |  | 32 |
| :---: | :---: | :---: | :---: | :---: |
|  | Selling volue |  |  | Selling |
|  | Quantity | at works |  |  |
|  | Tons | \＄ | Tons | \＄ |
| Bridges | 45，061 | 6，335，641 | 14，218 | $1,721,215$ |
| Structural work（buildings，transmission |  |  |  |  |
| Plate and tank work | 7，063 | 9，055，131 | 3，062 | $3,243,325$ 589,940 |
| Mechanical work，including cranes，trolleys，etc | c． | 1，780，857 |  | 355， 39 ？ |
| Sales of plain material |  | 1，728，580 | 15，115 | 1，021，633 |
| Custom work and repairs |  | 389，569 | 硣 | 103，794 |
| vther products（x） |  | 1，980， 3 ？ 8 |  | 349.709 |
| TUTAL | － | 22，170， 215 |  | 7．38．5，013 |
| Value of work in process at end of year |  | 2，335，775 |  | 1， 232.734 |

（x）Includes head gates，ornanental ironwork，coal cleaning plants，steel joists，etc，
DTRECTURY UF FIRHS IN THE BRTDGE BUILDING AND STRUCTURAL STEFT FURK INDUSTRY， 1932.

## Name of Firm

Canadian Bridge Co．Ltd。
Canadian Structural Steel Works Cou Ltau
Dominion Bridge Co。I．td，


Disher Steel Construction Co．Ltd，
Eansor，T．J．，\＆Sons，Ltd。
Eastern Conada Steel \＆Iron Works Lta．
Hamilton Bridge Co．Ltdo
London．Structural Steel Co，Ltd．
Mackinnon Steel Corporation，Ltd．
Reid \＆Brown Structural．Steel \＆Iron Works，cta Sarnia Bridge Co，Ltd．
Standard Steel Construction Co。
Western Bridge Co．Ltd．

## Location of Plant

Walkervilie，unt。
4600 Seventeenth Ave。，Rosemont，Montreal，F． Lachine，P。Q．
Uttawa（Eastview），unt
1139 Shaw St，and 289 Sorauren Ave．，Torgnto Dublin Ave，Winnipeg，Man。 803 24th Ave So $_{3}$ E Calgary，Al berta
275 First Ave Wo，Vancourver， 80 Commi．ssioners St，Toronto，Ont．
300 Pitt St，E．，Windsor，Unt，

Burslem St，，London，Ont．
Sherbrooke，P。Q．
Fleet，St．W．，Toronto，Unt．
251 Campbell St．，Sarnia，Ont．
Port Robinson，Unt．
195 －－Ist Ave．Wo，Vancouver， $\mathrm{H}_{0} \mathrm{C}_{0}$

