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Note, - Production figures as given in this bulletin do not necessaijily 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 wood-using industries and other publications of the Census of Industry.

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 Minister of Trade and CommerceDEPART:IBITT OF TRADE AHD COMRTECE dOMINION BUREAU OF STATISTICS - CANADA

FORESTRY BRAGCH

Dominion Statistician:
Forestry Branch:
R. H. Coats, B.A., F.S.S.(Hon.), F.R.S.C.
R. G. Lewis, B.Sc.F.

## THE CARRIAGE MAGON AND VEFICLE SUPPLIES INDUSTRY IN CANADA - 1932

Ottawa, Narch - 1934. A report on the manufacture of carriages, wagons, sleigh and parts ther oof has boen completed by the Forcstry Branch of tho Dominion Bureau of Statistics for 1932 and 1932. This also includes firms ongaged to a cortain extent, in the building of bodies on purciased chassis, and ropair work. The manufacture of automobiles as an industry is deait with in a rdport published by the Metallurgical Branch of the Bureau of Statistics.

There were 236 firms engaged in turning out comploto vehiclos and supplios in 1932 as compared with 25 I in 1931 with a total capital investmont of $\$ 3,385,994$ in 1932. These firms gavo ompleyment to 687 workors and paid $\$ 594,684$ in salarios and wagds. Their raw matoriale cost $\$ 316,521$ and their products woro valued at \$1,241,885.

The raw materials used in the manufacture of vehicles and vehicle parts were chiefly hardwood lumber valued at $\$ 8 g_{\text {ges }} 510$, bolts $\$ 512$ and rough-turned hubs ank spokes $\$ 51,526$. Some softmood lumbey also used. Hoop, band and bar iron, steel and castings made a total value of $\$ 316,521$.

The products of this industry aro dividod into completo whoolod vohicles valued at $\$ 45,338$, complete sleighs at $\$ 16,311$, gears $\$ 22,945$, bodies and boxes $\$ 33,394$ spokes, bent goods, etc., \$214,888. These firms also manufacture truck and auto bodies valued at $\$ 180,880$. The amount received for painting and repairs was $\$ 546,362$ and other miscollaneous products $\$ 181,767$ bringing the total value of production to $\$ 1,241,885$.

The following tables include a comprative sumnary of the principal statistics of the industry for tho calendar yours 1931 and 1932 followod by comparativo tables giving the details of the distribution of establishments, capital invested, employment, fizel used, power employed, materials used and products manufacturcdo

## THE CARRIAGE MAGON AND VEHXCLE SUPPLIES INDUSTRY, 1931 AND 1932.

Table l.- Principal Statistics, 1931 and 1932.

## Items

1931
1932

| Fetablishments | No. | 251 | 236 |
| :---: | :---: | :---: | :---: |
| Capital Invested | \$ | 4,468,863 | 3,385,994 |
| Taployees on salaries | No. | 323 | 300 |
| Salaries paid | \$ | 312,610 | 260,777 |
| Exployees on wages | No. | 516 | 387 |
| Mages paid | \$ | 542,389 | 333.907 |
| FueI ussci | \$ | 43,401 | 30,075 |
| Powar utaployed | H. P. | 2,669 | 2,253 |
| zlectricity purchased | K.W. H. | 1,012,392 | 741,045 |
| Ploctricity purchasod | \$ | 24,635 | 20,403 |
| Cost of materials | \$ | 601,459 | 316, 521 |
| Taluo of products | \$ | 2,202,819 | 1,241,885 |

Tablo 2. - Distribution of Establishmonts by Provincos, 1931 and 1932.

| Provinces | 1931 | 1932 |
| :---: | :---: | :---: |
|  | No. | No. |
| Cavada | 251 | 236 |
| Queboc... | 136 | 134 |
| ontario. | 63 | 57 |
| Nova Scotia | 18 | 15 |
| Nev Brunswick | 18 | 15 |
| Maritoba ... | 3 | 4 |
| Prince Idward Island | 4 | 4 |
| Saskatchewan ... | 5 | 4 |
| Alberta .. | 2 | 2 |
| Iritish Columbia | 2 | 1 |

Table 3.- Capital Invested, $1931 \sim 1932$.

| Items |  |  | 1931 |  |  |  | 1932 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | \$ |  |  |  | \$ |  |
| TOMAL |  |  | 4,468,863 |  |  | 3,385,994 |  |  |
| Iand, buildings, fixtu | and | iner | 2,476,898 |  |  | 2,178,878 |  |  |
| Materiais, stocks, etc | on ha |  | 768,103 |  |  | 436,069 |  |  |
| Finished products on |  |  | $\begin{aligned} & 541,760 \\ & 682,102 \end{aligned}$ |  |  | 275,166495,881 |  |  |
| Cash, trading and oper | ng ac | unts |  |  |  |  |  |  |
| Table 4.- mployment, 1931-1932. |  |  |  |  |  |  |  |  |
| Classes of Brp? oyees | Total lumber of Employees |  | Males |  | Femal es |  | Total Salaries and Weges |  |
|  | 1931 | 1932 | 1931 | 1932 | 1931 | 1932 | 1931 | 1932 |
|  | No. | No. | No. | No. | No. | No. | \$ | \$ |
| TOTAL . | 839 | 687 | 823 | 672 | 16 | 15 | 854.999 | 594,684 |
| Salaried employees .. | 323 | 300 | 308 | 286 | 15 | 14 | 312,610 | 260,777 |
| Wage-earnurs . ....... | 516 | 387 | 515 | 386 | 1 | 1 | 542,389 | 333,907 |

Table 5... Fuel Used, 1931 .- 1932.

| Kin) Of Fuel |  | Quantity |  | Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1931 | 1932 | 2932 | 1932 |
|  |  |  |  | \$ | \$ |
| TOTAL |  | - | - | 43,401 | 30,075 |
| Bituminous coal, Canadian Tmported | Tons | 871 3,156 | $\begin{array}{r} 536 \\ 1.973 \end{array}$ | 7.895 19.624 | 5,118 12,106 |
| Anthracite coal | " | 250 | 172 | 3,377 | 2,398 |
| Iignite coal, Canadian ii ir Imported | " | 36 34 7 | $\begin{array}{r}\text { g } \\ 20 \\ \hline\end{array}$ | 328 128 | 123 242 |
| $\qquad$ | ${ }^{11}$ | 24 | 20 | 128 | 242 |
| Gasoline | Gals. | 12,681 | 20,596 | 804 3,508 | 338 2,904 |
| Keresene or coal oil | , | 12,688 | 3.33 | 3, 116 | 2,904 |
| Fuel oil | Gals. | 4,597 | 00 | 469 | 9 |
| Hood | Cords | 994 | 923 | 4,160 | 3.752 |
| ifill maste |  | $\cdots$ | - | 655 | 1,247 |
| Gas, manufactured | M.c.ft. | 167 | 17 | 167 | 17 |
| " natural | " | 564 | 217 | 385 | 92 |
| Other fuel |  | - | - | 1,785 | 1,674 |

Table 6.- Power Haployed, 1931-1932.

| Power Units | No. of Units |  | Total H. P. |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1931 | 1932 | 1931 | 1932 |
| Steam engines and steam turbines | 7 | 7 | 705 | 408 |
| Gasoline, gas, and oil engines (other than diesel) | 83 | 79 | 485 | 490 |
| Hydraulic turbines or wator whouls | 8 | 6 | 5 | 45 |
| Iluctric motors oporatud by purchasud powor | 204 | 208 | 1,479 | 1,310 |
| TOTAL POWFR USED | 294 | 300 | 2,669 | 2,253 |
| Electric motors operated by power generated by the establishments | 18 20 | 2 |  | $1.010^{4}$ |
| Boilers installed | 20 | 15 | $1,246$ | 1,010 |

Table 7.- Katerials Used, 1931-1932.

| Classes of Materials | Unit of Measure | Quantity |  | Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1931 | 1932 | 1931 | 1932 |
|  |  |  |  | \$ | \$ |
| TOTAL |  | $\cdots$ | m | 601,459 | 316,521 |
| Iumber or logs, softwood | M.ft.b.m. | 499 | 352 | 15,968 | 11,222 |
| Lumber or logs, hardwood |  | 4,679 | 1,487 | 287,053 | 88,510 |
| Bolts, etc. softwood | " | 8 ? | 13 | 640 | 105 |
| Bolts: etc. hardwood | + | 237 | 35 | 2,06? | 407 |
| Venear ans p? yrood | M, s.f. | 25 | 11 | 857 | 410 |
| Fube orites, bont goods, otc. | \$ | - | - | 62,174 | 51,526 |
| 111 othur materials | \$ | - | $\cdots$ | 232,695 | 164,342 |



Table 6n Vehicle and Supply Tactories,-Mroducts Kanufactured: 1937 and 1932.


Wote:- Data givel here do not necessarily represent the total canadian production under each healing, since these products are also listed indor other industrios.
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