

BOARD OF TRADE

THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1949

## VOLUME 3

Metal Manufacture and Vehicles

Presented by the Board of Trade to Parliament
in pursuance of the Statistics of Trade Act, 1947
(10 \& 11 Geo. 6, Ch. 39, Sec. 7)

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The Report on the Census of Production for 1949
Volume 3. Metal Manufacture and Vehicles
In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report, but also the general explanars aqualications contained for 1949: Introductory Notes," price 9d. net.

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Table 1-A Blast Furnaces Trade
Table 1-C Iron Foundries Trade

|  |  |  | Unit | 1949 |  |  |  |  |  | 1948 | 1935 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | England | Wales | Sootland | $\underbrace{\text { Gritain }}_{\text {Great }}$ | Northern Ireland | $\begin{aligned} & \text { United } \\ & \text { Kingdom } \end{aligned}$ | ${ }_{\substack{\text { Great } \\ \text { Britain }}}^{\text {d }}$ | $\begin{gathered} \text { United } \\ \text { Kingdom } \end{gathered}$ |
| Establishments employing on average more than 10 persons <br> Total value of sales and work done ... Stocks of finished goods $\{$ at beginning of year <br> and work in progress $\{$ at end of year Payment for transport by other firms. <br> Gross output (production) |  |  |  |  |  | (a) | $\begin{gathered} 4 \\ 8,187 \\ 58 \\ 1788 \\ 1.58 \\ 8,156 \end{gathered}$ | $\begin{array}{r} 50 \\ 104,587 \\ 1,8.37 \\ 2,83 \\ 1,7175 \\ 103,788 \end{array}$ | $\begin{aligned} & \text { = } \\ & \text { = } \end{aligned}$ |  | ( ${ }_{\text {a }}^{\text {91, }} 1$ | 21,047 |
| Purchases of materials and fue (c)Stocks of mater.at beginning of year Stocks of mater- at beginning o Cost of materials and fuel used (o) Payment for work done on materials given out |  |  |  |  |  |  |  | - | (85,688 <br> 4,979 <br> 8,671 <br> 89,916 <br> 114 <br> 14 |  | 16,964 |
| Net output (c) <br> Average number employed $\left\{\begin{array}{l}\text { popratives } \\ \text { other workers }\end{array}\right.$ <br> Working proprietors <br> Total employment including working proprietors |  |  | N". |  | : | $\xrightarrow[\substack{1,099 \\ 1,71 \\ 185}]{18}$ | $\begin{gathered} 19,799 \\ 24+276 \\ 3,727 \end{gathered}$ | - |  | $\underset{\substack{18,958 \\ 23,629 \\ 3,628}}{\substack{\text { a }}}$ | ( $\begin{gathered}4,083 \\ 14,551 \\ 1,264\end{gathered}$ |
|  |  | 26,017 |  |  | 1,926 | 27,943 |  | 27,943 | $27, \overline{257}$ | 15,815 |
| Net output per person employed (c) Wages and salaries (d) $\left\{\begin{array}{l}\text { of operatives ... } \\ \text { of other workers }\end{array}\right.$ Capital expenditure on new buildings |  |  |  |  | $\left\lvert\, \begin{gathered} 1777 \\ 1,698 \\ 1,627 \end{gathered}\right.$ |  | 571 663 90 - |  | = | ( ${ }_{\substack{707 \\ 9.575 \\ 1,771 \\ 988}}$ |  | 258 |
| Plant and machinery |  |  |  | $\begin{aligned} & 3,162 \\ & \hline, 91 \\ & 36 \\ & \text { (f) } \\ & (f) \\ & (f) \end{aligned}$ |  | $\underset{\substack{(f) \\(f)}}{\substack{56 \\ 1}}$ | $\begin{array}{r} 3,217 \\ \hline 92 \\ 36 \\ 29 \\ 4 \\ 4 \\ \hline \end{array}$ | Z | 3,217 92 96 39 29 4 |  |  |
|  |  |  | No. |  | = |  | - |  |  | - |  |
|  |  |  |  | 6,017(a) | (a) | 1,926 | 27,943 |  | 27,943 | 27,257 |  |

Table 1-B Iron and Steel (Melting and Rolling) Trade

| Establishments employing on average more than 10 persons Stooks of finished goods Sat begininin of year <br>  | $\underset{\text { coo }}{\substack{\text { No }}}$ |  |  | $\begin{aligned} & 52,98 \\ & 2,966 \\ & 2,566 \\ & 2,1771 \\ & 1,71 \\ & 51,667 \end{aligned}$ |  | ■ ■ - |  |  | $282(b)(8)$ $\because:$ $\because \ddot{4} 81$ 8,81 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Purcosases of materials and fuel $($ h $)$ Stocosk of mater- $\{$ at beginning of year <br> Stocks of mater- $\begin{aligned} & \text { at begining of of } \\ & \text { ials } \\ & \text { and fuel fuel } \\ & \text { at end of y year }\end{aligned}$ <br> Costof of materials and fuel used ih <br> Payment for work done on materials given out |  | $\left\lvert\, \begin{gathered} 194,230 \\ 19.692 \\ \hline 15.398 \\ 188,588 \\ 3,688 \end{gathered}\right.$ | $\begin{gathered} 60,216 \\ 4,727 \\ \text { f,727 } \\ 58,221 \\ 59 \end{gathered}$ |  | $\begin{gathered} 288,399 \\ 29.767 \\ 27.764 \\ 2997,790 \\ 4,030 \end{gathered}$ | = |  | 249,399 24,574 29.112 $24+861$ 3,907 3 | ${ }^{57,674} 772$ |
| Net output (h) <br> Average number employed (i) $\left\{\begin{array}{l}\text { operatives } \\ \text { other workers }\end{array}\right.$ <br> Working proprietors <br> Total employment induding working proprietors (i) | Ň. | $\begin{gathered} 100,312 \\ 128,743 \\ 24,394 \\ 155,110 \\ 105147 \end{gathered}$ | $\begin{gathered} 21,286 \\ 22,566 \\ 3,643 \\ 26,029 \\ 26,029 \end{gathered}$ | $\begin{gathered} 18,397 \\ 21,982 \\ 3,117 \\ 2,017 \\ 25,011 \end{gathered}$ | $\begin{gathered} 139,996 \\ 193,201 \\ 30,974 \\ 20,124 \\ 20,187 \end{gathered}$ | $\begin{aligned} & \text { Z } \\ & \bar{Z} \end{aligned}$ | $\begin{gathered} 139,996 \\ 113,2901 \\ 30,97 \\ 204,187 \\ 20,187 \end{gathered}$ | $\begin{aligned} & 118,797 \\ & 1070,386 \\ & 29,737 \\ & 290,158 \\ & 20,138 \end{aligned}$ | $\begin{gathered} 29,035 \\ 1030,05 \\ \} \\ 111,084 \\ 114,139 \end{gathered}$ |
| Net output per person employed (h)(i) <br> Wages and salaries (d)(i) $\left\{\begin{array}{l}\text { of operatives } \\ \text { of other workers }\end{array}\right.$ <br> Capital expenditure on new buildings | $\underset{\text { f000 }}{\text { f }}$ |  | $\begin{gathered} 818 \\ \hline 9,433 \\ 1,597 \\ 388 \end{gathered}$ | $\begin{gathered} 736 \\ 8,215 \\ 1,367 \\ 79 \end{gathered}$ | $\begin{aligned} & 687.812 \\ & \hline \end{aligned}$ | = |  | 694 <br> 6, <br> 1,74 <br> 1,74 <br> 2,091 | 254 |
|  |  | $\begin{aligned} & 8,611 \\ & 376 \\ & 275 \\ & 301 \\ & 650 \\ & 62 \\ & 52 \end{aligned}$ | $\begin{array}{r} 1,261 \\ 56 \\ 246 \\ 196 \\ 2 \\ 2 \\ 2 \end{array}$ | $\begin{array}{r} 1,018 \\ 171 \\ 176 \\ 22 \\ 22 \\ 2 \\ 4 \end{array}$ | 10,890 604 547 342 69 58 58 5 |  | $\begin{aligned} & 10,890 \\ & 604 \\ & 547 \\ & 542 \\ & \hline 49 \\ & 68 \\ & 58 \end{aligned}$ | 8,880 771 771 317 304 77 46 46 |  |
| Firms employing on average 10 or fewer : number of returns Average number employed (including working proprietors) | No. | 32 208 20 | - | - | $\begin{array}{r}32 \\ 208 \\ \hline\end{array}$ | - | $\begin{array}{r}32 \\ 208 \\ \hline\end{array}$ | 40 271 |  |
| All firms (including those not making satisfactory returns) : estimated average employment |  | 153,368 | 26,029 | 25,011 | 204,408 | - | ; 204, | 200,560 |  |



Table 1-D Steel Sheets Trade

| Estabishments euploying on average more than 10 persons <br> Stooksk of finishee g goods $\{$ at beginining of year <br> and work in progress at end of yee Payment for transport by other frms <br> Gross output (production) | $\underset{\text { čoo }}{\text { Noo }}$ |  | $\begin{array}{r} 14 \\ 42,242 \\ 2,368 \\ 2,183 \\ 1,78 \\ 41,359 \\ 4,359 \end{array}$ | (m) | $\begin{array}{r} 34 \\ 58,202 \\ 3,175 \\ 3,773 \\ \text { } 1722 \\ 57,078 \end{array}$ |  | $\begin{array}{r} 34 \\ 58,24 \\ 3,2027 \\ 31773 \\ 1,722 \\ 57,078 \end{array}$ |  | $34(\mathrm{~b})$ $\because$ $\because$ 15,643 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Purchases of materials and fuel <br> Stocks of mater- $\{$ at beginning of year <br> ials and fuel at end of year <br> Cost of materials and fuel used <br> ayment for work done on materials given out | ", | $\begin{array}{\|c} 11,992 \\ 1,929 \\ 1,299 \\ 11,62 \\ 1102 \end{array}$ |  |  | $\begin{aligned} & 43,660 \\ & \substack{4.48 \\ 44.58 \\ 42,598 \\ 4,126} \end{aligned}$ | 三 |  |  | 10,6 |
| Net output |  | 4,085 | 10,327 |  | 14,412 | - | 14,412 | 12,588 | - 4,984 |
| Average number emploged $\left\{\begin{array}{l}\text { operatives } \\ \text { other workers }\end{array}\right.$ | No. | ${ }_{\text {c, }}^{6,093}$ | $\underset{\substack{11,122 \\ 1,466}}{12}$ |  | ${ }_{\substack{17,175 \\ 2,265}}$ |  | cinc, 1 | $\xrightarrow{17,886}$ |  |
| Working proprietors Total employment induing working proprieiors | ", | ${ }_{6,883}^{1}$ | 12,588 |  | 19,441 |  | 19,441 ${ }^{1}$ | 19,986 | 21,999 |
| Net output per person emploged |  |  | 820 |  | 741 | - | 741 |  | ${ }^{227}$ |
| Wages and salaries (d) $\left\{\begin{array}{l}\text { of operatives... } \\ \text { of ofter workers }\end{array}\right.$ | \&'000 | ${ }^{2,281}$ | $\underset{692}{4,552}$ |  | cos,6,033 <br> 1,035 |  |  | ${ }_{982}^{\text {¢,660 }}$ |  |
| Capital expenditure on new buildings ... |  | 71 | ${ }_{122}$ |  | 193 |  | ${ }_{193}$ | 81 |  |
|  |  |  | 606 |  |  |  |  |  |  |
| Plant and machinery $\begin{aligned} & \text { seconota hand acquistions } \\ & \text { disposals }\end{aligned}$ | ", | 16 14 | -57 |  | ${ }_{72}^{16}$ |  |  | 38 <br> 35 <br> 1 |  |
| W acquisitions | , | (f) | ${ }^{(f)}$ |  |  |  |  | $\stackrel{18}{18}$ |  |
| Vehicles $\quad \ldots \quad . . .$second-hand acquisitions <br> disposals <br> di. |  | (f) | (f) |  | ${ }^{(f)}$ |  | (f) | 1 |  |
| Firms employing on average $\mathbf{1 0}$ or fewer: number of returns Average number employed (including working proprietors) | No. | - | - |  |  |  | - |  |  |
| All firms $3_{\alpha}^{Y}$ (including those not making satisfactory returns) estimated average employment | " | 6,853(m) | 12,588 | (m) | 441 |  | 19,441 | 19,966 |  |

Table 1-E Tinplate Trade


Table 1-F Wrought Iron and Steel Tubes Trade

| Establishments employing on average more than 10 persons Stooks of frisished soods wat dene beininin of year Pandent for r rangorores. by other firms Gross output (production) | $\underset{\text { choo }}{\substack{\text { No }}}$ |  | (n) | (n) |  |  |  |  | $91(6)$ $\cdots$ $\cdots$ 16,318 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Purchases of materials and fuel <br> Stocks of mater- $\{$ at beginning of year ats <br> Cost of materials and fuel used <br> Payment for work done on materials given out |  | $\begin{array}{\|} 46,417 \\ 6,3,97 \\ 6,99 \\ 45996 \\ \hline 5.612 \end{array}$ |  |  | $\begin{gathered} 46,417 \\ 6,397 \\ 6,997 \\ 45996 \\ 4596 \end{gathered}$ |  | $\begin{array}{\|c\|c\|c\|c} 6,37 \\ 6,99 \\ 45,96 \end{array}$ |  | ${ }_{92}^{9,467}$ |
| Net output <br> Average number employed <br> Working proprietors <br> Total employment including working proprietors (i) | No. | $\begin{array}{\|c} 24,941 \\ 32,908 \\ 7,300 \\ 11 \\ 40,169 \end{array}$ |  |  | $\begin{gathered} 24,941 \\ 37808 \\ 7,730 \\ 4,11 \\ 40,169 \end{gathered}$ |  | $\begin{gathered} 24,941 \\ 32,980 \\ 7,300 \\ 10,11 \\ 40,169 \end{gathered}$ |  |  |
| Net output per person employed (i) Wages and salaries (d)(i) $\left\{\begin{array}{l}\text { of operatives } \\ \text { of other workers }\end{array}\right.$ Capitad expenditure on new buildings | ${ }_{\text {s.000 }}^{\text {f }}$ |  |  |  | ( ${ }_{\substack { 621 \\ \begin{subarray}{c}{1,330 \\ 3,155 \\ 389{ 6 2 1 \\ \begin{subarray} { c } { 1 , 3 3 0 \\ 3 , 1 5 5 \\ 3 8 9 } } \\{1,40}\end{subarray}}$ |  | $\underset{\substack{11,321 \\ 3,150 \\ 389}}{\substack{\text { 3 }}}$ |  | 244 |
|  |  | $\begin{array}{r} 1,410 \\ 119 \\ 110 \\ 100 \\ 13 \\ 12 \end{array}$ |  |  | $\begin{gathered} 1,410 \\ 119 \\ 57 \\ 100 \\ 13 \\ 12 \end{gathered}$ | $\begin{aligned} & Z \\ & \bar{Z} \end{aligned}$ | $\begin{gathered} 1,410 \\ 119 \\ 57 \\ 100 \\ 13 \\ 12 \\ 12 \end{gathered}$ | $\begin{array}{r}2,176 \\ \text { 2138 } \\ \hline 82 \\ 56 \\ 13 \\ 14 \\ 14 \\ \hline\end{array}$ |  |
| Firms employing on average 10 or fewer : number of returns <br> Average number employed (including working proprietors) | No. | $\begin{gathered} 24 \\ 149 \end{gathered}$ |  |  | 26 158 15 |  | 26 158 158 | 28 176 17 |  |
| All firms (including those not making satisfactory returns) : estimated average employment |  | 40,352(n) | (n) | (n) | 40,352 | - | 40,352 | 37,996 |  |

Table 1-G Non-Ferrous Metals (Smelting, Rolling, etc.) Trade



Table 1-I Motor Vehicles and Cycles (Manufacturing) Trade

| ```Establishments employing on average more than 10 persons Total value of sales and work done Stocks of finished goods \(\{\) at beginning of yea payment for transport by other firms``` ross output (proauction) | $\begin{gathered} \text { foo } \\ \text { qoo } \end{gathered}$ |  | $\begin{aligned} & 21.957 \\ & 8.804 \\ & 887 \\ & 885 \\ & 8,105 \\ & 8, \end{aligned}$ | $\begin{aligned} & 36 \\ & \begin{array}{l} 3,789 \\ 2,051 \\ 1,932 \\ 1,932 \\ 5,666 \end{array} \\ & \hline \end{aligned}$ |  | (o) |  |  | 129, |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Purchases of materials and fuel Stocks of mater- $\{$ at beginning of year <br> Cost of materials and fuel used <br> Payment for work done on materials given out |  | $\begin{array}{r} 341,149 \\ 47,643 \\ 44,160 \\ 344,632 \\ 5,360 \end{array}$ | $\begin{gathered} 4,671 \\ 888 \\ 804 \\ 4,735 \\ 93 \end{gathered}$ |  | $\begin{gathered} 348,987 \\ 49.127 \\ 45,46 \\ 35.56 \\ 55,517 \\ 5,47 \end{gathered}$ |  | $\begin{gathered} 348,827 \\ 49.127 \\ 45,46 \\ \hline 555.56 \\ 5,5177 \end{gathered}$ |  | 419 |
| Net output <br> Average number employed (i) $\left\{\begin{array}{l}\text { operatives } \\ \text { other workers. }\end{array}\right.$ <br> Working proprietors | No. |  | $\begin{gathered} 3,276 \\ 5,859 \\ 848 \\ 8,5 \\ 6,712 \end{gathered}$ | $\begin{aligned} & 2,433 \\ & 4,532 \\ & 1,072 \\ & 5.13 \\ & 5.437 \end{aligned}$ |  |  |  |  | $\begin{array}{r} 51,555 \\ 199,302 \\ 37,323 \\ 206,625 \end{array}$ |
| Net output per person employed (i) Wages and salaries (d)(i) $\left\{\begin{array}{c}\left\{\begin{array}{c}\text { of operatives } \\ \text { of ofter workers }\end{array}, ~\right.\end{array}\right.$ Capital expenditure on new buildings | £ ${ }^{\text {f }}$ |  | (1, 488 | (459 <br> 1,329 <br> 378 <br> 81 |  |  |  |  | 250 |
|  |  | $\begin{gathered} 10,399 \\ 1,006 \\ 965 \\ 947 \\ 108 \\ 322 \end{gathered}$ | $\begin{array}{r} 174 \\ 5 \\ 5 \\ 6 \end{array}$ | $\begin{gathered} 76 \\ 5 \\ 10 \\ 6 \end{gathered}$ | $\begin{gathered} 10,629 \\ 1,015 \\ \hline, 680 \\ 959 \\ 109 \\ 109 \\ 323 \end{gathered}$ |  |  | $\begin{gathered} 12,404 \\ 1,178 \\ 474 \\ 642 \\ 74 \\ 218 \end{gathered}$ |  |
| Firms employing on average 10 or fewer : number of returns Average number employed (including working proprietors) | No. | $\begin{gathered} 724 \\ 3,924 \end{gathered}$ | ${ }_{112}^{25}$ | 47 235 | \% $\begin{array}{r}7,249 \\ \hline\end{array}$ | (0) | ${ }_{4,249}^{796(0)}$ | \%,75 $\begin{array}{r}715 \\ 3,999\end{array}$ |  |
| All firms (including those not making satisfactory returns): estimated average employment. |  | 327,442 | 6,837 | 5,786 | 340,065 | (o) | 340,065(0) | 322,334 |  |

s22(1)
Estahlishments employing on average more than 10 nersen
Stocks of finished goods $\{$ at beginning of yoent
and ovor in ropores at end of year
Payment for transoort by other firms
Payment for trangont by other firms
Gross output (production)

Cost of materials and fuel used........
Payment tor workk done on materials given out
Vot output
Working proprietors
Total employment including worling proprietors
Net output per person employed (a)
Capital expenditure on new buildings wrker


Firms emploging on arerage 10 or fewer: $:$ number of returns
Average number emploged (indluding working proprietors)
Al firms (including those
estimated
average employment

Table 1-J Motor Vehicles and Cycles (Repairing) Trade

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|}
\hline \& \multirow[b]{2}{*}{Unit} \& \multicolumn{6}{|c|}{1949} \& 1948 \& 1935 \\
\hline \& \& England \& Wales \& Sootland \& Great \& Northern
Ireland \& United \& \[
\begin{gathered}
\text { Great } \\
\text { Britain }
\end{gathered}
\] \& \[
\begin{gathered}
\text { United } \\
\text { Kingdom }
\end{gathered}
\] \\
\hline \begin{tabular}{l}
Establishments employing on average more than 10 persons \\
 \\

\end{tabular} \& \[
\begin{gathered}
\text { feoo } \\
\text { foo }
\end{gathered}
\] \& \[
\begin{array}{|c}
1,018(q) \\
44,144 \\
\because 44 \\
44,100
\end{array}
\] \&  \& \[
\begin{gathered}
119 \\
4,986 \\
\therefore,{ }_{4}^{4} \\
4,983
\end{gathered}
\] \& (f) \& \({ }^{(k)}\) (q) \& \[
\begin{gathered}
1,201 \\
51, .665 \\
\because 6 \\
51,52 \\
5,514
\end{gathered}
\] \& 1,304
51,908
\(\because\)
36
51,872
5 \& 1,812
\(\because\).

17,084 <br>

\hline | Purchases of materials and fuel |
| :--- |
| Stocks of mater. $\left\{\begin{array}{l}\text { at beginning of year } \\ \text { ials ond fuel ( }-t) \\ \text { at }\end{array}\right.$ |
| Cost of materials and fuel used. |
| Payment for work done on materials given out | \&  \&  \&  \& \[

$$
\begin{aligned}
& 1,8047 \\
& 804 \\
& 1,966 \\
& 1,896
\end{aligned}
$$

\] \& $\because$ \& .. \&  \& \[

$$
\begin{array}{|c}
20,0.011 \\
7,2020 \\
1,200 \\
19,054 \\
2,481
\end{array}
$$
\] \& ${ }_{\substack{\text { 6,784 } \\ 266}}$ <br>

\hline | Net output |
| :--- |
| Average number employed $\left\{\begin{array}{l}\text { operatives } \\ \text { other workers }\end{array}\right.$ Working proprietor |
| Total employment including working proprietors | \& No. \& \[

$$
\begin{array}{r}
25,942 \\
54,51 \\
5,1105 \\
61,177 \\
61,83
\end{array}
$$

\] \& \[

$$
\begin{aligned}
& 1,411 \\
& 2,867 \\
& 402 \\
& 3,271 \\
& 3,
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
3,021 \\
6,350 \\
650 \\
656 \\
7,028
\end{gathered}
$$

\] \& \& $\because$ \&  \& \[

$$
\begin{array}{|c}
30,337 \\
63,073 \\
7,915 \\
7148 \\
71,666
\end{array}
$$

\] \& \[

$$
\begin{aligned}
& 10,664 \\
& 56,959 \\
& 39,538 \\
& 6,36,317 \\
& 69
\end{aligned}
$$
\] <br>

\hline | Net output per person employed |
| :--- |
| Wages and salaries (d) $\left\{\begin{array}{l}\text { of operatives ... } \\ \text { of other workers }\end{array}\right.$ |
| Capital expenditure on new buildings | \&  \& \[

$$
\begin{gathered}
17, .04 \\
\substack{1794 \\
667}
\end{gathered}
$$
\] \& 431

885
139
61
61 \& (130 $\begin{array}{r}\text { 1,80 } \\ \text { 1210 } \\ \text { 210 } \\ 31\end{array}$ \& : \& \&  \&  \& 161 <br>

\hline  \&  \&  \& $$
\begin{aligned}
& \left.1{ }^{18}\right)^{(1)} \\
& \hline 21 \\
& 1 \\
& 14
\end{aligned}
$$ \& \[

$$
\begin{array}{r}
35 \\
(f) \\
\begin{array}{r}
1 \\
4 \\
4 \\
4 \\
2
\end{array}
\end{array}
$$

\] \& $\because$ \& . \& \[

$$
\begin{aligned}
& 440 \\
& 29 \\
& 28 \\
& 115 \\
& 39 \\
& 69
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 434 \\
& 78 \\
& \hline 6 \\
& \hline 68 \\
& (8) \\
& (8) \\
& (8) \\
& (8)
\end{aligned}
$$
\] \& <br>

\hline irms employing on average 10 or fewer : number of returns Average number employed (including working proprietors) \& No. \& $$
\begin{aligned}
& 1,322
\end{aligned}
$$ \& 78

315 \& ${ }_{699}^{137}$ \& \[
$$
\begin{gathered}
1,537 \\
7,842
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& 10 \\
& 53
\end{aligned}
$$
\] \& ${ }_{7}^{1,547} 7$ \& $\underset{\substack{1,826 \\ 9,786}}{ }$ \& <br>

\hline All firms (including those not making satisfactory returns) : estimated average employment ... \& , \& 69,537(q) \& 3,618 \& 7,829 \& \& (9) \& 80,884 \& 82,377 \& <br>
\hline
\end{tabular}

Table 1-K Aircraft Manufacture and Repair Trade


Table 1-L Railway Locomotive Shops and Locomotive Manufacturing Trade
(1) Railway Locomotive Shops

(2) Other Locomotive Manufacturers

| Establishments employing on average more than 10 persons |  |  | ${ }_{\text {N }}$No. <br> foo | (f) |  | (f) |  |  | 2 ${ }^{36}$ | ${ }^{39}$ | ${ }^{26}$ (b) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }_{\text {Total value of sales and }}^{\text {Stocks of finished }}$ goo | wark done \% \% \% year |  |  |  |  |  | ${ }_{7}^{21,741} 7$ |  | ${ }_{\substack{21,741 \\ 7,905}}$ | ${ }_{\substack{21,598 \\ 8,372}}$ |  |
| Stooks of andished geor | ds Sat end of year |  | " |  |  |  | ${ }_{8,813}$ |  | 8,813 | 9,756 |  |
| Payment for transport | by other firms ... |  | ", |  |  |  | ${ }_{22}{ }^{1745}$ |  | ${ }_{22,473}^{175}$ | ${ }_{\substack{158 \\ 22,823}}$ | 4,878 |
| Purchases of materials and fuel <br> Stocks of mater- $\int$ at beginning of year <br> ials and fuel $\{$ at end of year Cost of materials and fuel used <br> Payment for work done on materials given out |  |  |  |  |  |  |  | - | $\begin{aligned} & 11,053 \\ & 2,300 \\ & 2, .605 \\ & 10.628 \end{aligned}$ | $\substack{11,252 \\ 2,056}$ | $\because$ |
|  |  | ", | = |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | - |  |  |  |  | $\underset{\substack{10,852 \\ 616}}{11}$ | 2,347 |  |  |
| Payment for work done on materials given out |  |  |  | No. |  | - |  | $\begin{gathered} 11,322 \\ 1,7,96 \\ 3,936 \\ 21,033 \\ 2,033 \end{gathered}$ |  | $\begin{gathered} 11,322 \\ 17,0,06 \\ 17 \end{gathered}$ | cili,55 | ${ }_{\substack{2,527 \\ 11,847}}$ |
| Average number employed $\{$ operatives |  |  |  |  |  |  |  |  |  |  |  |  |
| Average number emple | \{ other workers |  | ", |  | - | - |  |  | $\begin{aligned} & 3,936 \\ & \hline 21,033 \end{aligned}$ | 11,134,1374.100 | $\}_{13,931}^{2,084}$ |  |
|  | uding working prooprietors |  |  |  |  |  |  |  |  |  |  |  |
| Net output per person employed |  |  |  |  | = |  | $\begin{gathered} 538 \\ \hline \\ \hline, 689 \\ \hline, 743 \\ \hline 106 \end{gathered}$ | - | $\begin{gathered} 538 \\ 5,589 \\ 1,743 \\ 104 \end{gathered}$ | (4922 <br> 1,7902 <br> 1,702 <br> 90 | 181 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capital expenditure on new beveriddings ... |  |  |  | ", |  |  |  |  |  |  |  |  |
| Plant and machinery |  |  |  |  | = |  | $\begin{aligned} & 503 \\ & 57 \\ & 15 \\ & 40 \\ & \hline 20 \end{aligned}$ |  | 50357154040 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | ", |  |  |  |  |  |  |  |  |  |
|  |  |  | ", |  |  |  |  |  |  | 4 |  |  |
| Firms employing on average 10 or fewer : number of returns Average number employed (including working proprietors) |  |  | No. | ${ }_{9}^{2}$ | - |  | ${ }_{9}^{2}$ |  | 313 | ${ }^{2}$ |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All firms (including those not making satisfactory returns) : estimated average employment |  |  |  | (f) | - | (f) | 21,042 | 4 | 21,046 | 23,113 |  |  |

Table 1-M Railway Carriages and Wagons and Trams Trade (1) Railway Establishments

(2) Other Establishments


Table 1-N Carts, Perambulators, etc. Trade

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|}
\hline \& \multirow[b]{2}{*}{Unit} \& \multicolumn{6}{|c|}{1949} \& 1948 \& 935 <br>
\hline \& \& England \& Wales \& Scotland \& ${ }_{\text {Great }}^{\substack{\text { Gratitain }}}$ \& $\substack{\text { Northern } \\ \text { Ireland }}$ \& $$
\begin{array}{|c|c}
\begin{array}{c}
\text { United } \\
\text { Kingdom }
\end{array}
\end{array}
$$ \& ${ }_{\substack{\text { Grat } \\ \text { Britain }}}^{\text {Brem }}$ \& $$
\begin{array}{|l|l|}
\hline \begin{array}{l}
\text { United } \\
\text { Kingdom }
\end{array}
\end{array}
$$ <br>
\hline Estatishments employing on average more than 10 persons Stocks of finished goods sat beginning of year and work in progress 2at end of yea Cross output (production) \& $$
\underset{\text { fooo }}{\substack{N o}}
$$ \&  \& $$
\begin{array}{r}
4 \\
65 \\
4 \\
4 \\
4 \\
-65
\end{array}
$$ \& $$
\begin{array}{r}
8 \\
224 \\
3 \\
6 \\
6 \\
221
\end{array}
$$ \& (f) \& ${ }^{\text {(j) (k) }}$ \& $$
\begin{gathered}
107 \\
\left.\begin{array}{c}
7,276 \\
345 \\
341 \\
340 \\
7,172
\end{array}\right) .
\end{gathered}
$$ \& $$
\begin{gathered}
100 \\
7,258 \\
312 \\
366 \\
7,26 \\
7,215
\end{gathered}
$$ \& 121
$\because$

2,261 <br>

\hline | Purchases of materials and fuel |
| :--- |
| Stocks of mater- $\{$ at beginning of year |
| Cost of materials and fuel yed |
| Payment for work done on materials given out | \& ", \& \[

$$
\begin{aligned}
& 3,80 \\
& 954 \\
& \hline 844 \\
& 3.690 \\
& 3,693
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 31 \\
& 10 \\
& 6 \\
& 65
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
145 \\
15 \\
20 \\
140 \\
1
\end{gathered}
$$

\] \& \% \& \& \[

$$
\begin{gathered}
3,756 \\
979 \\
9790 \\
3,865 \\
\hline 94 \\
94
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& 3,953 \\
& \hline, 947 \\
& \hline 949 \\
& 3.851 \\
& 1050 \\
& 105
\end{aligned}
$$
\] \& 1,163 <br>

\hline \& \& 3,103 \& \& \& \& \& \& \& <br>
\hline Average number emplosed (i) $\left\{\begin{array}{l}\text { operatives } \\ \text { other workers }\end{array}\right.$ \& No., \& ${ }^{6,010}$ \& ${ }_{15}^{69}$ \& 216
36 \& \& \& $\xrightarrow[\substack{6,295 \\ 1,002}]{\substack{\text { a }}}$ \& \& 5,444 <br>

\hline | Working proprietors |
| :--- |
| Total employment including working proprietors (i) | \& ", \& $\begin{array}{r}\text { 300 } \\ \text { 6,911 } \\ \hline\end{array}$ \& 15

86
86 \& ( \& \& \& (1,400 \& \& ${ }_{\substack{709 \\ 6,153}}$ <br>
\hline Net output per person employed (i) \& \& 444 \& \& 310 \& \& \& \& \& 177 <br>

\hline Wages and salaries (d)(i) $\left\{\begin{array}{l}\text { of operatives...es } \\ \text { of other workers }\end{array}\right.$ \& fooo \& (1,435 \& $$
\begin{array}{r}
17 \\
(f) \\
\hline
\end{array}
$$ \& ${ }_{(f)}{ }_{\text {(f) }}{ }^{\text {a }}$ \& \& \& \& ¢ $\begin{array}{r}1,521 \\ 385 \\ 18 \\ \hline\end{array}$ \& <br>

\hline \& \& \& \& \& \& \& \& \& <br>

\hline  \& ", \& $$
\begin{aligned}
& (f) \\
& (f))^{2}
\end{aligned}
$$ \& \[

\frac{(f)}{(f)}

\] \& \[

{ }_{\left({ }_{(f)}{ }^{1}{ }^{1}\right.}
\] \& \& \& 107

3
11
11 \& $\begin{array}{r}18 \\ \hline 9 \\ 9 \\ 5 \\ \hline\end{array}$ \& <br>
\hline Vehicles ... ... Seew acoconuisitions...hand a aquisitions \& ", \& \& \& \& \& \& ${ }_{5}^{26}$ \& $\stackrel{21}{7}$ \& <br>
\hline  \& ", \& \& \& \& \& \& \& 6 \& <br>

\hline Firms employing on average 10 or fewer: number of returns Average number employed (including working proprietors) \& No. \& $$
\begin{gathered}
988 \\
3,0,03
\end{gathered}
$$ \& \[

$$
\begin{gathered}
48 \\
142
\end{gathered}
$$

\] \& \[

$$
\begin{gathered}
38 \\
131 \\
131
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& 1,074 \\
& 3,356
\end{aligned}
$$

\] \& 88 \& , | 1,104 |
| :---: |
| 3,444 | \& (1,039 \& <br>

\hline All firms (including those not making satisfactory returns) : estimated average employment \& " \& 10,577() \& 255 \& 408 \& \& (j) \& 11,240 \& 11,025 \& <br>
\hline
\end{tabular}

## table 2.

Employment in Larger Establishments


## Notes to Tables

Table 1
(a) $O$ wing to the risk of disclosure of information relating to individual frms, particulars for Wales cannot be given separately but have been included
with thosese for England. with those for England.
(b) No production was recorded in this trade in Northern Ireland in 1935.




(e) Subject to revision.
(f) Owing to the risk of disclosure of information relating to individua firms, separate partieulars cannot be given.
(g) Excluding ertablishments engaged in the production of misellaneous steel forgings. The figures for 1949 and 1948 include miscellaneous forgings
other than drop forgings. other than drop forgings

 (i) Excluding outworkers.
(i) Owing to the risk of disco
(i) Owing to the risk of diselssure of information relating to individual frms, particulars for Northern Ireland cannot be given separately but have been
included with those for England. (k) The proportion of the net output of the United Kingdom recorded in Northern Ireland was about 4 per cent. in Trade J, 3 per cent. in Trade $\mathrm{K}, 1$ per
cent. in Irade $\mathbb{N}$ and less than 1 per cent. in Trades C, G and $\mathrm{L}(1)$.

 $(m)$ owing to the risk of disclosure of information relating to individual frims, particulars for Scotland cannot be given separately but have been included
with those for England. (n) Owing to the risk of diselosure of information relating to individual frrms, particulars for Wales and Scotland cannot be given separately but have
been included with those for nigland on
(o) Particulars for Northern Ireland are not separately available and have been included in the report on the Motor Vehicles and Cycess (Repairing) Trade- Jorticulars for Northern Ireland are not separately available and have been included in the report on the Motor Vehicles and Cyeles (Repairing) (p) In 1935 all establishments engaged in the manufacture of motor vehicles and cyceles were indudded in the manufaturng trade even though their main
output consisted of repair work. Particulars of the returns for 1935 included in this report that showed the major part of the output as reperir works are as
follows


(r) Firms were asked to return their output on the basis of amount charged during the year.
(s) Not ascertained.


(v) Valued at cost, i.e. a a sum caleculated to cover the cost of labour and materials together with such a proportion of the general establishment charges as
was properly applicable to the output concerned, but without any allowance for profit.
w) Work in progress only; railway establishments' return of finished goods was nil.

Table 2
(a) Including the following numbers of persons of all ages employed in Govermment establishments in the United Kingdom :-

|  |  | в | J | к | M (2) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Operatives | Males | 2,335 | 6,700 | 2,770 | 691 |
|  | Females | 83 | 60 | 217 | 34 |
| Administrative, technical and clerical | Males | 295 | 588 | 232 | 98 |
|  | Females | 122 | 195 | 80 | 33 |
| Canteen workers | Males | - | 1 | - | - |
|  | Females | 3 | 8 | - | 23 |
| Other excluded employees | Males | - | 12 | - | - |
|  | Females | 5 | - | - | - |

(b) Owing to the risk of disclosure of information relating to individual firms, partieulars for Northern Ireland cannot be given separately but have been (c) Owing to the risk of disclosure of information relating to individual firms, particulars for Scotland cannot be given separately but have been included
with those for England and Wales.
(d) These figures include partioulars for Northern Ireland of the Motor Vehicles and Cycles (Manufacturing) Trade-I and the Railway Carriages and
(e) There were no larger establishments in Wales in the register for this trade.
(f) Average number employed during the year.

Trade- (gartioulars for Northern Ireland are not separately available and have been included in the report on the Motor Vehicles and Cycles (Repairing)

F negligible; $G £ 5,000 ; \mathrm{I} £ 8,000 \mathrm{~K} £ 8,000 ; \mathrm{M}(2)$ negligible $; \mathbb{N} £ 4,000$.
(i) Owing to the risk of disclosure of information relating to individual frms, separate particulars cannot be given.
(i) $)$ wing to the risk of disclosure of information relat
(j) Employees engaged, for example, in merchanting.

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