

BOARD OF TRADE

## THE REPORT

 on the
## CENSUS OF PRODUCTION FOR 1949

## VOLUME 2

Chemicals and Allied Trades


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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1952
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## The Report on the Census of Production for 1949

Volume 2. Chemicals and Allied Trades
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 explanations and qualifications contained
in the separate booklet published in this series entitled " The Report on the Census of Production for 1949 : Introductory Notes," price 9d. net.

## List of Contents



Table 1-A Coke Ovens and By-products Trade

|  | Unit | 1949 |  |  |  |  |  | 1948 | 1935 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | England | Wales | Scotland | Great <br> Britai | Northern Ireland | $\left\lvert\, \begin{gathered} \text { United } \\ \text { Kingdom } \end{gathered}\right.$ | $\begin{aligned} & \substack{\text { Greatat } \\ \text { Britai }} \end{aligned}$ | $\begin{array}{\|l\|l} \hline \begin{array}{l} \text { United } \\ \text { Kingdom } \end{array} \end{array}$ |
| Establishments employing on average more than 10 persons Total value of goods made for sale (a) <br> finished goods $\left\{\begin{array}{l}\text { at beginning of } \\ \text { at end of year }\end{array}\right.$ <br> Work in progress $\left\{\begin{array}{l}\text { at beginning of year }\end{array}\right.$ <br> Payment for transport by other firms <br> Gross output (production) (a) | $\begin{gathered} \text { feoo } \\ \hline \end{gathered}$ |  | $\begin{array}{r} 8 \\ 8,446 \\ 60 \\ 56 \\ 3 \\ 2 \\ 2 \\ 8,442 \end{array}$ | $\begin{gathered} 4,542 \\ 85 \\ 107 \\ -\overline{74} \\ 4,468 \end{gathered}$ |  | - |  |  | 16,495 |
| Stooks of mater. $\int$ at begininng of year ials ind <br> ials and fuel 2 at end of year CCost of materials and fuel used (a) <br> Payment for work done on materials given out |  | $\begin{gathered} 2,456 \\ \begin{array}{c} 2,489 \\ 54,627 \\ 5,627 \end{array} \\ \hline \end{gathered}$ | $\begin{gathered} 248 \\ 6,54 \\ 6.54 \end{gathered}$ | ( $\begin{array}{r}124 \\ 3,767 \\ 3\end{array}$ |  | - |  |  | 12,336 |
| Net output <br> Average number employed $\left\{\begin{array}{l}\text { operatives } \ldots \\ \text { other workers }\end{array}\right.$ <br> Working proprietors <br> Total employment including working proprietor | No. | $\begin{gathered} 12,198 \\ 13,828 \\ 2,327 \\ 16,209 \\ 10, \end{gathered}$ | $\begin{gathered} 1,921 \\ 1,525 \\ 2451 \end{gathered}$ | $\begin{aligned} & 79029 \\ & \hline 98 \\ & 98 \\ & 984 \end{aligned}$ | $\begin{gathered} 14,792 \\ 16,65 \\ 2,664 \\ \hline \end{gathered}$ | Е | $\begin{aligned} & 14,92 \\ & \hline 1,165 \\ & 2,665 \end{aligned}$ | $18,396$ | $\begin{gathered} 4,1,859 \\ 1,898 \\ 1,182 \end{gathered}$ |
| Net output per person employed <br> Wages and salaries (b) $\left\{\begin{array}{l}\text { of operatives } \\ \text { of other worker }\end{array}\right.$ <br> Capital expenditure on new buildings | \&.000 | $\begin{gathered} 7,53 \\ 1,161 \\ 1,019 \\ 200(0) \end{gathered}$ | $\begin{gathered} 1,072 \\ \hline 162 \\ 117 \\ 13 \end{gathered}$ | $\begin{gathered} 821 \\ \begin{array}{c} 820 \\ 49 \\ (\mathrm{c}) \end{array} \end{gathered}$ | $\begin{gathered} 786 \\ \hline \end{gathered}, 9575$ | = |  | (i, $\begin{gathered}\text { ¢588 } \\ 1 \\ 1,008 \\ 117 \\ 117 \\ 1\end{gathered}$ | ${ }^{296}$ |
|  | ", | $\begin{array}{r} 1,606 \\ 61 \\ 63 \\ 53 \\ 17 \\ 2 \\ 3 \\ \hline \end{array}$ | $\begin{aligned} & \frac{277}{2} \\ & \stackrel{2}{Z} \\ & = \end{aligned}$ | 141 <br> $\square$ <br> $\square$ <br> $\square$ <br> $=$ | $\begin{array}{r} 2,023 \\ 2023 \\ 54 \\ 54 \\ 18 \\ 2 \\ 3 \\ \hline \end{array}$ | ニ | $\begin{gathered} 2,023 \\ \hline 62 \\ 54 \\ 54 \\ 18 \end{gathered}$ | $\begin{array}{r} 1,365 \\ \hline 25 \\ 36 \\ \hline 12 \\ \hline 6 \\ 11 \end{array}$ |  |
| Firms employing on average 10 or fewer : number of returns | No. | - |  | - | - | - | - | - |  |
| All firms (including those not making satisfactory returns): <br> estimated average employment |  | 16,209 | 1,66 | 854 | 18,829 | - | 18,829 | 18, |  |

Table 1-B Dyes and Dyestuffs Trade
Estabhishments employing on average more than 10 perso
Total value of sales and work done
Stact

$\underset{\text { Gross output (production) }}{\text { Customs and }}$.

Cost of materials sand fuel of yed
Payment for work done on materials given out.
Net output
Average num
Average number employed (e) $\left\{\begin{array}{l}\text { operatives } \\ \text { Other workers }\end{array}\right.$
Net output per person emploged (e)
Wages and salaries (b) (e) $\left\{\begin{array}{c}\text { of operatives } \\ \text { Capital expenditure on new boildiner workers }\end{array}\right.$

Vehicles


Table 1-C Fertiliser, Disinfectant, Insecticide and Allied Trades

|  | Unit | 1949 |  |  |  |  |  | 1948 | 1935 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | England | Wales | Sootland | $\underbrace{\text { a }}_{\substack{\text { Great } \\ \text { Britain }}}$ |  | $\begin{array}{\|l} \text { United } \\ \text { Kingdom } \end{array}$ | ${ }_{\substack{\text { Creat } \\ \text { Britain }}}^{\text {arem }}$ | $\begin{array}{\|c} \hline \begin{array}{l} \text { Knited } \end{array} \\ \text { Kingdom } \end{array}$ |
| Establishments emploging on average more than 10 pers | No. | 132 | 6 | 31 | 169 |  | 172 | 172 | ${ }^{123}$ |
|  | \&:000 | ${ }_{\substack{\text { 26,161 } \\ 1378}}^{1,188}$ | ${ }^{690}$ | 5,933 | 32,784 |  | ${ }^{33,729}$ | 31,530 |  |
| Stooks of finished good and at begining of year | ", | ${ }_{\substack{1,378 \\ 1,707 \\ \hline, 728}}^{1,0}$ | ${ }_{29}^{13}$ |  | ${ }_{\substack{1,837 \\ 2,120}}^{1,1}$ | 51 87 87 |  | 1,524 |  |
| Payment tor trangort by other firms ... | ", | ${ }^{\text {25,728 }}$ | 35 672 | ¢,127 <br> 5,743 | ${ }_{32,143}^{924}$ |  | ${ }^{9339} 108$ | (e, 870 | 5,30 |
| Amount reaeivable in respect of - |  |  |  |  |  |  |  |  |  |
| General Charges Allowance $\begin{aligned} & \text { Gouermment Early Delivery Rebate }\end{aligned}$ |  | $\underset{\substack{1,833(f) \\ 160 \mathrm{n}}}{ }$ | 80 | ${ }_{6}^{668}$ | 2,580(f) | (f) | 2,5880 | 2,011 |  |
| Government Conrly Deilivery Rebate | ", |  | (n) |  |  | ${ }_{(0)}^{(\mathrm{n})}$ | ${ }_{132}^{217}$ | 167 <br> 135 <br> 18 |  |
| chases of |  |  |  |  |  |  |  |  |  |
| cks of mater- $\{$ at begining of year | ", |  | 62 | ${ }_{441}^{44}$ | 3,597 | ${ }^{68}$ | ${ }_{3,665}$ | 3,261 |  |
| Cost of materiils sat fuel | ", | - $\begin{aligned} & 3,132 \\ & 17,943\end{aligned}$ | +999 | ${ }_{\text {4,082 }}^{581}$ | ${ }_{\substack{\text { a } \\ 22,516 \\ 3,812}}$ | ${ }_{622}^{88}$ | cos,3,898 <br> 23,139 | ${ }_{\substack{\text { a }}}^{\substack{3,595 \\ 21,12}}$ | 3,2 |
| Payment for mork done on materials give. | ". | ${ }_{9929}^{107}$ | ${ }^{(n)}$ | 433 | ${ }_{1,425}^{107}$ (n) | ${ }^{(n)}$ | ${ }_{\substack{107 \\ 1,425}}^{\text {c, }}$ | $\xrightarrow{164}$ |  |
| Net output ... |  | 8,743 |  | 1,985 | 10,958 |  | 11,367 | 10,773 | 2,136 |
| Average number employed $\left\{\begin{array}{l}\text { popratives } \\ \text { other workers }\end{array}\right.$ | No. | 8,774 | ${ }^{323}$ | 2,174 | 11,271 |  | 11,767 | ${ }^{11,315}$ | ${ }_{4}^{4,878}$ |
| Working proprietors | " | ${ }^{3,144}$ |  | ${ }_{13}^{812}$ | 4,010 | $\stackrel{83}{2}$ | 4,0937 | 3,913 | 1,699 |
| Total employment including working propritors | ", | 11,930 | 377 | 2,999 | 15,306 | 581 | 15,887 | 15,254 | 8,577 |
| Net output per person emploged |  |  |  |  |  |  |  |  | 325 |
| Wages and salaries (b) $\left\{\begin{array}{c}\text { of operatives } \\ \text { of other workers }\end{array}\right.$ |  | ${ }^{2,714} 1$ | ${ }_{22}^{115}$ | (686 <br> 353 | ${ }^{3,515} 1,880$ | 156 <br> 30 | ${ }_{\substack{3,670}}^{1,910}$ | ${ }_{\text {3, }}^{3,374} 1$ |  |
| Capital expenditure on new buildings | ", | ${ }_{3}$ | 1 | ${ }_{69}$ |  |  | ${ }^{1,444}$ | ${ }_{1}^{149}$ |  |
| new acquisitions ... |  | 570 | 18 |  |  | 18 |  |  |  |
| Plant and machinery $\begin{aligned} & \text { seoond.hand acquisitions } \\ & \text { disposals } . . .\end{aligned}$ | " | ${ }_{9}^{37}$ |  | ${ }_{5}^{4}$ | ${ }_{14}^{42}$ |  | ${ }_{19}^{42}$ | ${ }^{24}$ |  |
|  | ", | ${ }_{65 \text { (h) }}^{9}$ | (h) | ${ }_{28}{ }^{5}$ | ${ }_{91}^{14}$ | ${ }_{6}^{4}$ | ${ }_{97}^{19}$ | ${ }_{91}^{15}$ |  |
| Vehicles $\quad . . \quad .$.$\} second-hand acquisitions$ | " |  |  | ${ }_{5}^{8}$ | $\begin{gathered} 31 \\ 31 \\ \hline 19 \end{gathered}$ | $1$ | ${ }_{20}^{31}$ | ${ }_{13}^{26}$ |  |
| Firms employing on average 10 or fewer : number of returns <br> Average number employed (including working proprietors) | No. | $\begin{aligned} & 180 \\ & 959 \end{aligned}$ | $\begin{aligned} & 3 \\ & 17 \end{aligned}$ | 35 212 | 218 1,188 | ${ }_{42}^{6}$ | ${ }_{1,230}^{224}$ | 1868 ${ }_{948}^{18}$ |  |
| All firms (induding those not making satiofactory returns) |  | 2,958 | 400 | 3,217 | 16,575 | ${ }_{623}$ | 17,198 | 16,534 |  |

Table 1-D Coal Tar Products Trade


Table 1-E Chemicals (General) Trade


Table 1-F Drugs and Pharmaceutical Preparations Trade

| Estahishments emploging on average more than 10 persons <br> Total value of sales and work dane Stockks of finished goods $s$ at beginning of year <br> and work in progross $\gamma$ at end of yea Parmentor transor by other frme Gross output (propouction) | $\begin{gathered} \text { s, Noo } \\ \text { No } \end{gathered}$ |  | $\begin{aligned} & 448 \\ & \begin{array}{c} 49 \\ 25 \\ 25 \\ 8 \\ 440 \end{array} \end{aligned}$ | $\begin{array}{r} 32 \\ \begin{array}{r} 2,805 \\ 407 \\ 479 \\ 33 \\ 3,84 \end{array} \\ \hline \end{array}$ | (g) | (f)(i) |  |  | 202(k) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  <br> Stocks of mater- $\left\{\begin{array}{l}\text { at beginning of } \\ \text { ials and fuel } \\ \text { at end of year }\end{array}\right.$ <br> Cost of materials and fuel used <br> Payment for work done on materials given out <br> Excise duty (m) |  | $\left\lvert\, \begin{gathered} 38,914 \\ 10,974 \\ 39.86 \\ 39604 \\ 4894 \\ 2,446 \end{gathered}\right.$ | $\begin{aligned} & 2222 \\ & \begin{array}{c} 43 \\ 56 \\ 210 \end{array} \end{aligned}$ | $\begin{aligned} & 2,724 \\ & \hline 6.89 \\ & \hline 689 \\ & 2,504 \end{aligned}$ |  |  |  |  | 7,262 8 74 7 |
| Net output <br> Average number employed <br> Working proprietors <br> Total employment including working proprietors (e) | Nె. |  | $\begin{gathered} 231 \\ 264 \\ 87 \end{gathered}$ | $\begin{gathered} 1,339 \\ 1,509 \\ 497 \\ 4,07 \\ 2,01 \end{gathered}$ |  |  |  |  | $\left\lvert\, \begin{aligned} & 11,007 \\ & 1,083 \\ & \begin{array}{l} 6,116 \end{array} \\ & 22,999 \end{aligned}\right.$ |
| Net output per person employed (e) <br> Wages and salaries (b) (e) $\left\{\begin{array}{l}\text { of operatives ... } \\ \text { of other workers }\end{array}\right.$ Capital expenditure on new buildings | ¢ ${ }_{\text {f } 000}$ | $\begin{array}{\|c\|c\|} \hline 797 \\ \hline, 7,604 \\ 5,884 \\ 501 \end{array}$ | $\begin{gathered} 657 \\ 54 \\ 43 \end{gathered}$ | $\begin{aligned} & 699 \\ & 304 \\ & 304 \\ & 345 \\ & 345 \end{aligned}$ |  |  | ¢ |  | 498 |
|  |  | $\begin{gathered} 1,567 \\ 102 \\ 105 \\ 187(\mathrm{~h} \\ 51 \\ 49(\mathrm{~h}) \\ 4 \end{gathered}$ | $\begin{aligned} & { }^{6}{ }^{6}{ }^{(h)^{3}} \\ & \frac{(h)}{(h)} \end{aligned}$ | 232 |  |  | $\begin{array}{r} 1,801 \\ 111 \\ 199 \\ 195 \\ 539 \\ 49 \end{array}$ | 1,885 <br> 200 <br> 69 <br> 1179 <br> 197 <br> 36 <br> 36 |  |
| Firms employing on average 10 or fewer: number of returns | No. | $\begin{gathered} 236(n) \\ 1,031 \end{gathered}$ | (n) | 15 88 | (g) | (a) | 251 1,119 | 1,066 |  |
| All firms (including those not making satisfactory returns) : estimated average employment ent and |  | 46,810(n) | (n) | 2,889 | (g) | (n) | 48,899 | 48,599 |  |

Table 1-G Toilet Preparations and Perfumery Trade


Table 1-H Explosives and Fireworks Trade

| Establishments cmploying on average more than 10 persons <br> Total value of sales and work done <br> Stocks of finished goods $\left\{\begin{array}{l}\text { at beginning of year } \\ \text { at end of }\end{array}\right.$ <br> Payment for transport by other firms <br> Gross output (production) | exoo |  | $\begin{array}{r} 2,319 \\ 119 \\ 83 \\ 38 \\ 3,255 \end{array}$ | (c) | $\begin{array}{r} 50 \\ 19,599 \\ 2,240 \\ 2,481 \\ 1899 \\ 18,811 \end{array}$ | $=$ | $\begin{array}{r} 50 \\ 19,259 \\ 2,430 \\ 2,491 \\ 18,81 \\ 18,811 \end{array}$ |  | 53(k) $\cdots$ $\because$ 7,128 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Purchases of materials and fuel <br> tocks of mater- $\{$ at beginning of year <br> ials and fuel \{at end of year <br> Payment for work done on materials given out | \%, | $\begin{gathered} \substack{7.545 \\ 3.579 \\ 3,379 \\ 7,759 \\ \hline} \end{gathered}$ | $\begin{aligned} & 540 \\ & \hline 785 \\ & \hline 788 \\ & \hline 1919 \end{aligned}$ |  | $8,933$ |  |  |  | 3,420 |
| Net output ... ... ... |  | $\underbrace{}_{\substack{8,788 \\ 17,071}}$ | $\underset{\substack{1,635 \\ 3,462}}{ }$ |  | ${ }^{10,423} \mathbf{2 0 , 5 3 3}$ |  | 10,423 | ${ }_{\substack{11,071 \\ 21,14}}$ | (3,700 |
| Average number emploged (e) $\left\{\begin{array}{c}\text { operatives } \\ \text { other workers }\end{array}\right.$ : |  | ${ }_{\substack{17,071 \\ 3,248 \\ 2,8}}$ | ci, 535 |  |  | - | -3,783 | ${ }_{\substack{3,763 \\ 4 \\ 4}}$ | \} 1,603 |
| Working proprietors <br> Working proprietors Total employment including working proprietors (e) |  | 20,321 | 3,997 |  | 24,318 |  | 24,318 | 24,911 | 12,628 |
| Net output per person emploved (e) |  |  | 409 |  | 429 |  |  |  | 293 |
|  | £.000 | 4,796 | ${ }_{232}^{963}$ |  | 57.79 | - |  | ,\%,884 <br> $i, 957$ |  |
| Wages and salaries (b) (e) of ofther workers $_{\text {Capital expenditure on new buildings }}$ |  | 1,780 | 32 |  |  |  |  | ${ }_{94}$ |  |
|  |  |  |  |  | 288 |  |  | ${ }_{54} 5$ |  |
|  | ", | 19 | ${ }_{11}^{9}$ |  | 50 29 | - |  | 18 <br> 97 <br> 18 |  |
| new acquisitions |  | ${ }_{(19)}$ | ${ }_{(8)}^{4}$ |  | $\begin{aligned} & 93 \\ & 13 \\ & 13 \end{aligned}$ |  |  |  |  |
|  |  | $\begin{aligned} & 9 \\ & \hline 9 \end{aligned}$ |  |  | $\begin{array}{r} 13 \\ 8 \end{array}$ |  |  | ${ }_{8}^{15}$ |  |
| Firms employing on average 10 or fewer : number of returns Average number employed (including working proprietors) | No. | ${ }_{37}{ }^{6}$ |  |  | 6 87 |  | ${ }_{37}^{6}$ | \% 6 |  |
| All firms (including those not making satisfactory returns) mployment |  | 20,364(c) | 3,997 | (c) | 24,361 |  | 24,361 | 24,947 |  |

Table 1-I Paint and Varnish Trade

|  |  | Unit | 1949 |  |  |  |  |  | 1948 | 1935 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | England | Wales | Sootla | $\underbrace{\substack{\text { Britain }}}_{\text {Grieat }}$ | \| $\begin{aligned} & \text { Northern } \\ & \text { Ireland }\end{aligned}$ | United <br> Kingdom | ${ }_{\substack{\text { Great } \\ \text { Britain }}}$ | $\begin{aligned} & \text { United } \\ & \text { Kingdom } \end{aligned}$ |
|  | $\cdots$ |  |  |  | $\begin{array}{r} 6 \\ 49 \\ 40 \\ 50 \\ 51 \\ 2 \\ 490 \end{array}$ | $\begin{array}{r} 31,065 \\ 4.064 \\ \hline 4245 \\ 37979 \\ 3,937 \end{array}$ |  | $\begin{gathered} 168 \\ 168 \\ 16 \\ 13 \\ 16 \\ 163 \end{gathered}$ |  |  | 19,504 |
| Purchases of materials and fuel ... Stocks of mater- $\{$ at beginning of year Stocks of mater- $\begin{aligned} & \text { ials band fuel } \\ & \text { at binning or } \\ & \text { at end of year }\end{aligned}$ Cost of materials and fuel used Payment for work done on materials given out | $\cdots$ | ", | $\left\lvert\, \begin{gathered} 44,710 \\ 7,996 \\ \hline 9,967 \\ 45,743 \\ 84 \end{gathered}\right.$ | $\begin{aligned} & 293 \\ & 92 \\ & \hline 9 \\ & \hline 9 \\ & 296 \end{aligned}$ | $\begin{aligned} & 2,430 \\ & 608 \\ & 4.94 \\ & 2,544 \end{aligned}$ |  | $\begin{aligned} & 95 \\ & 43 \\ & 25 \\ & 112 \end{aligned}$ |  |  | ${ }_{1}^{9,818}$ |
| Net output <br> Average number employed (e) $\left\{\begin{array}{l}\text { operatives } \\ \text { other workers }\end{array}\right.$ <br> Working proprietors <br> Total employment including working proprietors (e) | $\cdots$ | No. | $\left\lvert\, \begin{aligned} & 29,0,18 \\ & 19,188 \\ & 12,740 \\ & 31,97 \\ & 3,955 \end{aligned}\right.$ | $\begin{aligned} & 191 \\ & 111 \\ & 100 \\ & 21 \\ & 213 \end{aligned}$ | $\begin{aligned} & 1,928 \\ & 1,178 \\ & 1,926 \\ & 1,856 \end{aligned}$ | $\begin{aligned} & 30,605 \\ & 20,47 \\ & 1,5685 \\ & 13,050 \\ & 34,20 \end{aligned}$ | $\begin{gathered} 51 \\ 74 \\ 29 \\ 29 \\ 108 \end{gathered}$ | $\begin{aligned} & 30,650 \\ & 20,407 \\ & 13,590 \\ & 34,128 \end{aligned}$ | $\begin{aligned} & 30,777 \\ & 20,788 \\ & 12,882 \\ & 12,38 \\ & 3,923 \end{aligned}$ | $\begin{aligned} & 9,685 \\ & 1,350 \\ & \}_{3,850}^{8,88} \\ & 2,188 \end{aligned}$ |
| Net output per person employed (e) <br> Wages and salaries (b) (e) $\left\{\begin{array}{l}\text { of operatives } \\ \text { of other worke }\end{array}\right.$ <br> Capital expenditure on new buildings |  | $\underset{\varepsilon^{〔}, 000}{\ell}$ | $\begin{array}{\|c} 908 \\ \substack{9.63 \\ 6,778 \\ 639 \\ 63} \end{array}$ | $\begin{aligned} & 911 \\ & 95 \\ & 47 \\ & { }_{27} \end{aligned}$ | $\begin{gathered} 7552 \\ 299 \\ 366 \\ 18 \end{gathered}$ |  | 470 19 9 |  | ¢ | 437 |
|  |  |  | $\begin{gathered} 1,129 \\ 13 \\ 51 \\ 286 \\ 77(\mathrm{hn}) \\ 83 \\ 83 \end{gathered}$ | $\begin{aligned} & { }^{(b){ }_{1}^{4}}{ }_{1} \end{aligned}$ | 63 1 1 24 5 7 | $\begin{array}{r} 1,201 \\ 14 \\ 53 \\ 313 \\ 81 \\ 90 \end{array}$ | - |  |  |  |
| Firms employing pa average 10 or fewer : number of returns Average number employed (including working proprietors) | ... | No. | $\underset{1,455}{264(\mathrm{f})}$ | 3 25 | 20 123 | (g) | (f) | 287 <br> 1,603 | ${ }_{\substack{1,346}}^{24}$ |  |
| All firms (including those not making satisfactory returns): estimated average employment |  |  | 33,573(f) | 238 | 1,981 | (g) | (f) | 35,792 | 34,500 |  |

Table 1-J Soap, Candles and Glycerine Trade

| Estahlishments employing on average more than 10 persons Stokks of finished goods $\{$ at beginning of year <br>  Gross output (pro | $\underset{\text { feroo }}{\text { fooo }}$ | $138(\mathrm{n})$ 625,599 3,745 4,702 1,073 62,484 | ${ }^{\text {(n) }}$ | (ris $\begin{array}{r}18 \\ 1,726 \\ 182 \\ 188 \\ \text { 38 } \\ 1,669\end{array}$ | (g) | (n)(j) |  |  | 39 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Purchases of materials and fue <br> Stocks of mater- $\{$ at beginning of year <br> Cost of materials and fuel used <br> Payment for work done on materials given out |  |  |  | $\begin{aligned} & 1,183 \\ & 331 \\ & \hline 288 \\ & 1,245 \end{aligned}$ |  |  | ¢ 48.9999 |  | ${ }^{10,963}$ |
| Net output |  | 14,820 |  | 419 |  |  | 15,240 |  |  |
| Average number employed $\left\{\begin{array}{l}\text { operatives } \\ \text { other workers }\end{array} \ldots\right.$ | $\stackrel{\text { No. }}{ }$ |  |  | 743 <br> 260 <br> 1 |  |  | cis, | ${ }_{\substack{14,943 \\ 5,899}}^{\text {c, }}$ | ${ }^{16,287}$ |
| Working proprietors <br> Total employment including working proprietors | ", | 20,720 <br> 14 |  | 1,003 |  |  | - | ( | $\}_{23,162}^{6,875}$ |
| Net output per person employed |  |  |  |  |  |  |  |  | ${ }^{413}$ |
| Wages and salaries (b) $\left\{\begin{array}{l}\text { of operatives } \\ \text { of other workers }\end{array}\right.$ Capital expenditure on new buildings |  | $\underbrace{\substack{29}}_{\substack{4,773 \\ 2,722}}$ |  | 161 <br> 96 <br> 1 |  |  |  | ( |  |
|  |  |  |  |  |  |  |  |  |  |
|  | " | 1,466 30 17 |  | 13 1 12 22 |  |  |  | 883 28 40 10 |  |
|  | ", | 17 88 20 | $\because$ | 2 7 3 |  |  |  | $\begin{array}{r}40 \\ 109 \\ 10 \\ \hline 2\end{array}$ |  |
|  | ", | ${ }_{25}^{20}$ |  |  |  |  | ${ }_{26}^{23}$ | ${ }_{26}^{25}$ |  |
| Firms employing on average 10 or fewer: number of returns Averape number employed (including working proprietors) | No. | ${ }_{900}^{162}$ | ${ }_{20}^{3}$ | ${ }_{126}^{21}$ | $\begin{gathered} 186 \\ 1,046 \end{gathered}$ | $4^{4}$ | $\begin{gathered} 190 \\ 1,000 \end{gathered}$ | $\xrightarrow{2055}$ |  |
| All firms (including those not making satisfactory returns): estimated average employment | " | 1,799(n) | (n) | 1,147 | ( 8) | (n) | 22,946 | 22,123(0) |  |




Table 1-K Polishes Trade


Table 1-L Ink Trade


Table 1-M Match Trade


Table 1-N Mineral Oil Refining Trade


Table 1-O Oils and Greases Trade

|  | Unit | 1949 |  |  |  |  |  | 1948 | 1935 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | England | Wales | Scotland | $\underbrace{\text { Great }}_{\text {Gritat }}$ | $\begin{aligned} & \text { Northern } \\ & \text { Ireland } \end{aligned}$ | $\begin{array}{\|l\|l} \hline \text { United } \\ \text { Kingdom } \end{array}$ | Great <br> Britain | $\begin{array}{\|l} \hline \text { United } \\ \text { Kingmom } \end{array}$ |
| Establishments employing on average more than 10 persons Total value of sales and work done tooks of finished goods $\{$ at beginning of year payment for transport by other firms Gross output (production) | $\begin{gathered} \text { foo } \\ \hline \end{gathered}$ |  | $\begin{array}{r} 181 \\ 181 \\ 11 \\ 11 \\ 180 \end{array}$ | $\begin{array}{r} 144 \\ 1,244 \\ 80 \\ 70 \\ 14 \\ 1,220 \end{array}$ | (g) | ${ }_{\text {(f) }}(\mathrm{j})$ |  |  | 11,857 |
| Purchases of materials and fuel <br> Stocks of mater- $\{$ at beginning of year <br> ials and fuel at end of year <br> Payment for work done on materials given out | $\ddot{\#}$ | $\left\lvert\, \begin{aligned} & 24,710 \\ & 2,205 \\ & 2,477 \\ & 25,738 \\ & 26 \end{aligned}\right.$ | $\begin{aligned} & 125 \\ & 19 \\ & 18 \\ & 126 \\ & 126 \end{aligned}$ | $\begin{gathered} 99 \\ 54 \\ 51 \\ 913 \end{gathered}$ |  |  | $\begin{aligned} & 25,745 \\ & 2,596 \\ & 2,567 \\ & 2,5,177 \\ & 26 \\ & 26 \end{aligned}$ |  | 7,098 |
| Net output <br> Average number employed $\left\{\begin{array}{l}\text { operatives } \ldots \\ \text { other workers }\end{array}\right.$ <br> Working propriet̂ors <br> Total............................ | \# ${ }_{\text {No. }}$ | $\left\lvert\, \begin{gathered} 10,328 \\ 5,588 \\ 4,381 \\ 10,251 \\ 10,252 \end{gathered}\right.$ |  | $\begin{aligned} & 307 \\ & \begin{array}{c} 226 \\ \text { 120 } \\ 3 \\ 38 \\ 389 \end{array} \\ & \hline \end{aligned}$ |  |  | $\begin{aligned} & 10,733 \\ & 0,127 \\ & 4,777 \\ & 1,20 \\ & 10,24 \end{aligned}$ | 8,520 $\substack{\text { a,306 } \\ 4,146 \\ \text { 9,46 } \\ 9,468}$ | ( $\begin{aligned} & 4,550 \\ & 4,518 \\ & 3,265 \\ & 7,783\end{aligned}$ |
| Net output per person employed <br> Wages and salaries (b) $\left\{\begin{array}{l}\text { of operatives } \\ \text { of other workers }\end{array} \ldots\right.$ <br> Capital expenditure on new buildings |  | $\begin{aligned} & 1,012 \\ & 1,752 \\ & 2,3020 \\ & 3,320(\mathrm{~d}) \end{aligned}$ | $\begin{gathered} 655 \\ 13 \\ 15 \\ \text { (d) } \end{gathered}$ | $\begin{aligned} & 789 \\ & 6.5 \\ & 68 \\ & \text { (d) } \end{aligned}$ |  |  | (1,001 |  | 610 |
|  |  | $\begin{aligned} & 366 \\ & 23 \\ & 20 \\ & 205 \\ & 205 \\ & 35 \end{aligned}$ | ${ }^{2}$ | $\begin{aligned} & 8 \\ & 1 \end{aligned}$ |  |  | $\begin{aligned} & 372 \\ & 24 \\ & 30 \\ & 314 \\ & 314 \\ & 38 \\ & 42 \end{aligned}$ | 242 25 16 168 38 32 50 |  |
| Firmas employing on average 10 or fewer : number of returns Average number employed (including working proprietors) | $\stackrel{\text { No. }}{\text {, }}$ | $\underset{\substack{220(f) \\ 1,155}}{20}$ | $\stackrel{9}{36}$ | $\begin{gathered} 32 \\ 190 \end{gathered}$ | (g) | (f) | ${ }_{1,381}^{261}$ | (1,389 |  |
| All firms (including those not making satisfactory returns): estimated average employment |  | ,449(f) | 119 | 585 | (8) | (5) | 2,153 | 26 |  |

Table 1-P Seed Crushing and Oil Refining Trade


Table 1-Q Glue, Gum, Paste and Allied Trades

|  |  |  |  | 1949 |  |  |  | 1948 | 1935 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Unit | Sogland | Wals | Sootland | ${ }_{\substack{\text { creat } \\ \text { Britain }}}^{\text {dem }}$ |  | ${ }_{\text {S }}^{\text {Unititad }}$ | $\underbrace{\text { Britain }}_{\text {creat }}$ | $\underbrace{\substack{\text { Uningom }}}_{\text {Unitad }}$ |
| Establishments employing on average more than 10 persons <br> Total value of sales and work done Stocks of finished goods $\left\{\begin{array}{l}\text { at beginning of year } \\ \text { at end of year }\end{array}\right.$ <br> and work in progress at end of yea <br> Gross output (production) <br> Purchases of materials and fuel <br> ials and fuel $\left\{\begin{array}{l}\text { at beginning of year } \\ \text { at end of year }\end{array}\right.$ <br> Cost of materials and fuel used <br> erials given out <br> Net output <br> Average number employed $\left\{\begin{array}{l}\text { operatives } \ldots \\ \text { other workers }\end{array}\right.$ <br>  <br> Net output per person employed <br> Wages and salaries (b) $\left\{\begin{array}{l}\text { of operatives } \\ \text { of other workers }\end{array}\right.$ <br> Capital expenditure on new buildings. <br> $\begin{array}{cccc}\text { Plant and machinery }\left\{\begin{array}{l}\text { new acquisitions } \ldots \\ \text { second-hand acquisitions } \\ \text { disposals }\end{array} \ldots\right. \\ \text { Vehicles } & \ldots & \ldots & \ldots \\ \text { new acquisitions } & \ldots & \ldots \\ \text { second-hand acquisitions } \\ \text { disposals } & \ldots & \ldots & \ldots\end{array}$ <br> Firms employing on average 10 or fewer : number of returns Average number employed (including working proprietors) <br> All firms (including those not making satisfactory returns) | $\underset{\text { Noco }}{\text { Noon }}$ <br> No. <br> ${ }_{\text {s.000 }}^{8}$ <br> ", ", <br> No. |  |  |  | ${ }_{20}^{36}$ |  |  |  |  |

Employment in Larger Establishments
TABLE 2
Numbers employed in the Week ended September 24, 1949


TABLE 2．－continued．Numbers employed in the Week ended September 24， 1949

|  |  |  |  |  | $\begin{aligned} & \stackrel{\rightharpoonup}{\xi} \\ & \mathrm{L} \end{aligned}$ | $\begin{aligned} & \begin{array}{l} \text { 휼 } \\ \text { M } \end{array} \end{aligned}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\xrightarrow[\substack{\text { England } \\ \text { Operatives }}]{\text { and wales }}$ | $\begin{aligned} & \text { ES } \text { Under } 18 \\ & \text { All ages } \\ & \text { All ages } \end{aligned}$ | $\begin{gathered} \text { Males } \\ \substack{\text { Menales } \\ \text { Manales } \\ \text { Females } \\ \text { Total }} \end{gathered}$ | $\begin{array}{r} (b) \\ 444 \\ 1,039 \\ 9,121 \\ 6,222 \\ 15,343 \end{array}$ |  | （a）（c） | （a）（c） | （a） | $\begin{gathered} \text { (b) } \\ \substack{126 \\ 42 \\ 4,408 \\ \hline 1,134 \\ 5,942} \end{gathered}$ |  |  |
| Administrative， Technical and Clerical | Under 18 All ages All ages | $\begin{gathered} \text { Males } \\ \substack{\text { Memales } \\ \text { Males } \\ \text { Fendes } \\ \text { Totalal }} \end{gathered}$ |  | $\begin{gathered} 221 \\ 1,183 \\ 1,183 \\ 1,993 \end{gathered}$ | $\because$ |  |  | （ | （ $\begin{array}{r}\text { 49 } \\ \text { 1，396 } \\ \text { 192 } \\ 1,888 \\ \hline\end{array}$ |  |
| Outworkers（d） |  | ${ }_{\substack{\text { Males } \\ \text { Females }}}^{\text {M }}$ | － | － |  | － | － | － | － | － |
| $\begin{gathered} \text { scoruand } \\ \text { Operatives } \end{gathered}$ | Under 18 <br> All ages All ages | $\begin{gathered} \text { Males } \\ \substack{\text { Hemales } \\ \text { Memales } \\ \text { Femates } \\ \text { Total }} \end{gathered}$ | $\begin{aligned} & 177 \\ & 35 \\ & 359 \\ & \text { 3593} \\ & 622 \end{aligned}$ | 1 <br> -34 <br> 13 <br> 47 | （a） $\square$ $\therefore$ | （a） $\because$ $\because$ $\square$ | （a） | $\begin{array}{r} 6 \\ \hline 92 \\ 292 \\ 216 \end{array}$ | $\begin{gathered} 7{ }^{7} 49 \\ 49 \\ 493 \end{gathered}$ | 7 3 20 50 252 250 |
| $\begin{aligned} & \text { Administrative, } \\ & \text { Technical and } \\ & \text { Clerical } \end{aligned}$ | Under 18 All ages All ages | $\begin{gathered} \text { Males } \\ \text { Hemales } \\ \text { Manes } \\ \text { Females } \\ \text { Total } \end{gathered}$ | $\begin{aligned} & 1 \\ & 18 \\ & 161 \\ & 75 \\ & 736 \end{aligned}$ | -1 <br> 22 <br> 11 <br> 33 | $\because$ |  |  | $\begin{array}{r} 11 \\ 110 \\ 53 \\ 53 \\ 163 \end{array}$ | $\begin{array}{r} 4 \\ 5 \\ 84 \\ 46 \\ 130 \end{array}$ | r <br> 8 <br> 21 <br> 31 <br> 52 |
| Outworkers（d） |  | ${ }_{\substack{\text { Males } \\ \text { Females }}}^{\substack{\text { a }}}$ | 二 | － |  | － | － | － | － | － |
| Nortiern Operatives IRELAND |  |  | （b） |  |  | （a） |  | （b） |  | $\stackrel{(b)}{\square}$ |
|  | All ages |  |  | Z | － | ．． | － |  | － | \％ |
|  | Allages |  | ． | 三 | ＝ |  | こ |  | － |  |
| Adiminitrative， | Under 18 | $\underset{\substack{\text { Males } \\ \text { Femmes }}}{\text { a }}$ | ． | － | － | ． | － | ．． | － |  |
| ${ }_{\text {Techical and }}^{\text {Clerical }}$ | All ages | Females | ．． | － | ＝ | $\because$ | ニ | $\because$ | ＝ |  |
|  | All ages | Femases |  | ＝ | Z |  | ＝ |  | こ |  |
| Ontworkers（d） |  | （indes | ＝ | ＝ | － | － | － | ＝ | － |  |
| $\begin{aligned} & \text { UNTED KINGDOM } \\ & \text { Operatives } \end{aligned}$ | Under 18 | Males | ${ }^{461}$ | ${ }^{86}$ |  | ${ }_{15}^{152}$ |  |  |  |  |
|  | ${ }^{\text {All ages }}$ | cemales | ${ }_{\substack{1,074 \\ 9,480 \\ 6,485}}^{1.4}$ |  | （ $\begin{gathered}54 \\ 2,025 \\ 3,35\end{gathered}$ | $\underset{\substack{417 \\ 1,2,93 \\ 1 \\ 1 \\ \hline 904}}{ }$ | 6，554 | \％ $\begin{array}{r}12 \\ 5,000 \\ \hline 108\end{array}$ | ¢，958 | 98 3， 964 3， |
|  | All ages | Femates Total | $\underset{\substack{6,485 \\ 10,965}}{\text { c，}}$ | $\underset{\substack{2,254 \\ 3,779}}{1,0}$ | （3，35 <br> 2,40 | ${ }_{\substack{1,904 \\ 3,197}}^{1,9}$ | ${ }_{6,655}^{101}$ | $\underbrace{\text { c，}}_{\substack{1,1,158 \\ 6,158}}$ | ${ }_{7,479}^{496}$ | ¢795 <br> 3,859 |
| Administrative， Teehnical and Clerical | Under 18 | $\underset{\substack{\text { Males } \\ \text { Females }}}{ }$ | ${ }_{366}^{110}$ | ${ }_{142}^{22}$ | ${ }_{58}^{27}$ |  |  | ${ }_{241}^{93}$ |  | ${ }_{61}^{26}$ |
|  | All ages | ceme $\begin{gathered}\text { Memales } \\ \text { Memes } \\ \text { Fenes }\end{gathered}$ |  | ${ }_{\substack{1,205 \\ 1,202}}^{1}$ | －${ }_{860}^{580}$ | （ | 1，649 | （241 | 1，480 | ${ }_{7}^{661}$ |
|  | $\mathrm{All}_{\text {ages }}$ | Females | $\underset{\substack{2,297 \\ 5,98 \\ \hline}}{\text { 2，}}$ | ${ }_{\substack{\text { 2，029 }}}^{\text {824 }}$ | （ $\begin{array}{r}380 \\ 1,240\end{array}$ | 172 555 |  | $\underset{\substack{1,497 \\ 4,596}}{ }$ | ［ $\begin{array}{r}\text { 5388 } \\ 2,018\end{array}$ | 425 1,203 |
| Operatives and Administrative， Technical and Clerical |  | Total | 21，953 | 5，808 | 3，580 | 3，752 | 8，788 | 10，754 | 9，497 | 5，062 |
| Outworkers（d）（e） <br> Excluded employees |  | $\underset{\substack{\text { Males } \\ \text { Females }}}{\text { ches }}$ | 二 | ＝ | ${ }_{5}$ | ＝ | － | 二 | 二 | ＝ |
|  | Canteen Other（f） | $\begin{gathered} \text { Males } \\ \text { Females } \\ \text { Hemales } \\ \text { Femas } \end{gathered}$ | $\begin{aligned} & 33 \\ & \text { and } \\ & \text { ape } \\ & 120 \end{aligned}$ | $\begin{gathered} 83 \\ \begin{array}{c} 83 \\ 160 \\ 54 \end{array} \\ \hline \end{gathered}$ | $\begin{aligned} & -\overline{41} \\ & \begin{array}{c} 34 \\ 22 \end{array} \end{aligned}$ | $\begin{gathered} 8 \\ 70 \\ 52 \\ 15 \end{gathered}$ | $\begin{gathered} 74 \\ \hline \\ 4,003 \\ 4.503 \\ 502 \end{gathered}$ | $\begin{aligned} & 5 \\ & 9921 \\ & 147 \\ & 147 \end{aligned}$ | $\begin{aligned} & 11 \\ & \left.\begin{array}{c} 224 \\ 135 \\ 19 \end{array}\right) \end{aligned}$ | 1 <br> $\begin{array}{l}31 \\ 28 \\ 25\end{array}$ |



 with those for Enn thand
been indurduded with the rise of for disclosure of ingland．


（h）OHwng th the risk of disclosure of information relating to individual firms，particulars for Wales cannot be given separately but have been included with
those for England．







 but have been in induded with those for Enggland．
（9）Estimated．
（r）Cosi of materis．and fuel used adjusted for stokss
（8）Included in the sost of materials and fuel used．
Table 2
（a）Owing to the risk of disislousre of information relating to individual firms，separate particulars cannot be given．




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