## THE REPORT on the CENSUS OF PRODUCTION FOR 1951

Volume 1
Trade D

## SLATE QUARRIES AND MINES



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).

LONDON: HER MAJESTY'S STATIONERY OFFICE


Larger establishments (a)

|  | Great Britain |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1951 | 1950 | 1949 | 1948 | 1935 |
| Gross output (produ | $\varepsilon^{\prime} 000$ | £. 000 | £. 000 | £. 000 | $£^{\prime} 000$ |
|  | 2.355 | 2.157 | 2.150 | 2.094 | 1.666 |
| Cost of materials and fuel used (c) Payment for work done on materials given out <br> Transport payments (d) | 211 | 198 | 183 | 158 | 121 |
|  |  |  |  |  |  |
|  | 90 |  |  |  |  |
| Net output $\begin{aligned} & \text { Wages and salaries of persons employed }\end{aligned}$ | ${ }_{1}^{2.054}$ | 1.956 1.538 | ${ }_{1}^{1.968}$ | $\begin{aligned} & 1.936 \\ & \substack{1.489} \end{aligned}$ | ${ }^{1.545}$ |
| Average number of persons employed (e) |  | ${ }_{4}^{\text {No. }}$ - ${ }^{\text {a }}$ |  | $\stackrel{\text { No }}{\text { S.0i7 }}$ | $\stackrel{\text { No. }}{\text { N, } 998}$ |
|  | ${ }_{\text {c }}$ | ¢ | ${ }_{393}^{\varepsilon}$ | ${ }_{386}^{\text {¢ }}$ | ${ }_{161}^{6}$ |
| Net output per person employed (e) | ${ }_{4}^{¢}$ | 397 |  |  |  |
| Stocks at end of year | $8^{\prime} 000$ | \& 000 | \& 000 | \& 000 | \&. 000 |
| Products on hand for sale Materials and fuel | 163 60 | 145 50 | ${ }_{49}^{112}$ | $\begin{aligned} & 94 \\ & 49 \end{aligned}$ | ${ }^{\mathrm{No}}{ }_{45}$ |
| Number of quarries or mines | ${ }^{\text {No }}$ 27 | ${ }^{\text {No }} 30$ | ${ }^{\mathrm{No}}{ }_{30}$ | ${ }^{\text {No }}{ }_{30}$ |  |
| The values of gross output and of materials and fuel used are derived in the following way:- |  |  |  |  |  |
| Output of firms in this trade (f) | £. 000 | $\ell^{\prime} 000$ | £. 000 | ${ }^{\text {P }} 0000$ | \&. 000 |
|  | 212 | 2.105 | 2.122 | 2.072 ${ }^{17}$ | $\begin{array}{r} 1.652 \\ 14 \end{array}$ |
| Principal products ( g ) Other output Value of outward transport on goods |  |  |  |  |  |
| Value of outward transport on goods sold carried out by outside transport organisations | 81 | .. |  | .. |  |
| Value of transorto of quarry products carried out by establish- |  |  |  |  |  |
|  |  | $\begin{array}{r}16 \\ +\quad 35 \\ \hline\end{array}$ | 9 $+\quad 20$ |  | . |
|  | 2,355 |  |  | 2.094 | 1.666 |
|  |  |  |  |  |  |
|  |  | 81 | 81 |  |  |
| Gross output (production) | 2.355 | 2.157 | 2.150 | 2.094 | 1.66 |
| Materials and fuel used by firms in this trade |  |  |  |  |  |
| Purchases <br> Changes in stocks (h) | 221 $-\quad 10$ | $\begin{array}{r}200 \\ -\quad 1 \\ \hline\end{array}$ | $\begin{array}{r}185 \\ -\quad 2 \\ \hline\end{array}$ | $\begin{array}{r}163 \\ -\quad 5 \\ \hline\end{array}$ | 21 |
| Materials and fuel used | 211 | 198 | 183 | 158 | 121 |
| (a) For small firms' summary see Table 2 . (b) Sales of products were collected at ex-mine or ex-quarry prices in $1951,1950,1949$ and 1948, and the cost <br>  organistions for transport services. For other years payments for transport services outwards on goods sold are excluded. |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| (c) Amounts paid for delivery services | excluded for 1951 but included for other years. <br> and to firms ${ }^{\circ}$ own separate transport organisations. For 1951 they oods sold and materials and fuel purchased. For other years payments |  |  |  |  |
| cover payments for transport of both cover only transport outwards of goo |  |  |  |  |  |  |  |  |  |
| cover on ty transport outwards of goods sold. <br> (e) Including working proprietors. For an estimate of the total number of persons employed in this trade see |  |  |  |  |  |
| Table 3. <br> (f) Total value of sales (1951, 1950, 1949 and 1948) or production for sale (1935). <br> (g) For details for 1951 and 1948 see Table 8. |  |  |  |  |  |


(a) Small firms (employing on the average ten or fewer persons) that made satisfactory returns.
(b) Including working proprietors.

Estimated average employment (a)

| All firms |
| :--- |
| TABLE 3 |

stimated average employment in all firms
(a) Including morking proprietors.
b) See Tables. $13(1 \mathrm{iv}$ ) and 14.
(c) See Table 2 .

Analysis by size, 1951
Larger establishments in Great Britain
TABLE 4

| Average employed employed | Establish -ments | Grossoutput | $\begin{gathered} \mathrm{Net} \\ \text { output } \end{gathered}$ | Personsemployed | Remuneration |  |  | Net outputper person employed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Operatives | $\underset{\substack{\text { Other } \\ \text { employees } \\ \text { (a) }}}{ }$ | Total |  |
|  | No. | \& 000 | £ 000 | No. | £.000 | £.000 | \& 000 | $\varepsilon$ |
| 11-24 | 4 | 42 | 38 | 79 | 28 | 1 | 30 | 486 |
| 25-49 | 9 | 179 | 147 | 347 | 117 |  | 125 | 423 |
| 50-99 | 3 | 98 | 91 | 221 | 69 | 4 | 74 | 411 |
| 100-199 | 8 | 637 | 508 | 1.135 | 353 | 39 | 392 | 448 |
| 300 and over | 3 | 1.398 | 1.269 | 2.992 | 895 | 61 | 955 | 424 |
| Total | 27 | 2.355 | 2.054 | 4.774 | 1.462 | 114 | 1.576 | 430 |

(a) Administrative, technical and clerical employees.
(83085/2)

| Region | Estab$\underset{\substack{\text { lish- } \\ \text { ment }}}{\text { Sis }}$ | Grossoutput | Net out put |  | $\begin{gathered} \text { Persons } \\ \text { employed } \end{gathered}$ | Remuneration |  |  | $\begin{aligned} & \text { Net output } \\ & \text { per persson } \\ & \text { employed } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Value | $\left\lvert\, \begin{gathered} \text { Percent. } \\ \text { age } \\ \text { ago of } \\ \text { total } \end{gathered}\right.$ |  | Operatives | $\left\lvert\, \begin{gathered} \text { Other } \\ \text { emphoyes } \\ \text { (a) } \end{gathered}\right.$ | Total |  |
| England and Scotlond | No. | \&. 000 | £.000 |  | No. | £.000 | \&. 000 | £.000 | $\varepsilon$ |
| $\begin{aligned} & \text { Northerm: } \\ & \text { Nouts tern: } \\ & \text { West } \\ & \text { Scotland } \end{aligned}$ | 6 | 223 | 148 | 7.2 | 316 | 104 | 9 | 112 | 458 |
| North Western | 4 | 188 | 146 | 7.1 | 269 | 97 | 10 | 107 | 544 |
| East and West <br> Ridings: North Eastern: London and South Eastern: Midland Midiand | . | - | - | - | - | - | - | - | - |
| Total Encland and Scotland | 10 | 411 | 294 | 14.3 | 585 | 200 | 19 | 219 | 503 |
| Wales | 17 | 1.944 | 1.760 | 85.7 | 4.189 | 1.262 | 95 | 1.357 | 420 |
| Great Britain | 27 | 2.355 | 2.054 | 100.0 | 4.774 | 1.462 | 114 | 1.576 | 430 |

TABLE 6 - Analysis according to specialisation within the trade, 1951 Larger establishments in Great Britain

No specialisation within this trade was distinguished

TABLE 7 - Total quantity of slate quarried or mined Larger establishments in Great Britain

The total quantities of slate raised in 1951 and 1948 were 123.000 tons and 130.000
tons respectively.

Production, exports and imports of certain principal products (a)

|  |  | Production (b) | Exports | ( ${ }_{\text {Retained }}^{\text {Imports }}$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Tons | Tons | Tons |
| Slates for roofing | $\left\{\begin{array}{l}1951 \\ 1948 \\ 1935\end{array}\right.$ | $\begin{array}{r} 94.083 \\ 101,981 \end{array}$ | $\begin{aligned} & 1.597(c) \\ & 683 \end{aligned}$ | ${ }_{\substack{12.888 \\ 9.354 \\ 3.804}}$ |
| Slate slabs (including dressed or partially prepared slabs for further processing, but excluding other finished slate goods) | [1935 |  |  |  |
|  | $\left\{\begin{array}{l} 1951 \\ 1948 \end{array}\right.$ | ${ }_{2}^{2.265}$ | (e) | ${ }_{2}^{1.435}$ |

(a) Figures of production (or sales), refer only to larger establishments. All recorded exports from
and imports into the United Kingdom are given in the table. The figures. therefore, are not
(b) strictly comparable. and production for sale in 1935 .
(c) Described as slates and slate slabe
(d) Including slates for damp courses. See footnote (c).

TABLE 12 - Usage of certain specified purchased materials, 1951 Larger establishments in Great Britain
No information on usage of materials was required from this trade

Employment in September
Larger establishments (a)


| ABLE 14 |  |  |  |  | Numb |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Great Britain |  |  |  |  |
|  | 1951 | 1950 | 1949 | 1948 | 1935 |
| Operatives <br> Administrative, technical and clerical employees | 4.530 | 4.672 | 4.761 | 4.780 | 9,322 |
|  | 243 | 253 | 249 | 236 (b) | 276 (b) |
| Total | 4.773 | 4.925 | 5.010 | 5.016 | 9. 598 |

(a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory retums. Outworkers. No outworkers were employed in this trade.

Shift working, 1951 (a)
Larger establishments in Great Britain

|  | Total number of man-shifts worked in the week | Total number of shift-hurs worked in the week in the week | Number of returns showing the systems stated |
| :---: | :---: | :---: | :---: |
| Continuous 3 shift systems per 24 hours | - | - | - |
| Continuus 4 shift systems per 24 hours |  |  |  |
| ${ }_{\text {All }}^{\text {averaging }}$ shift systems $^{\text {a }}$ | 527 | 5.126 | 2 |
| Other shift/systems |  |  |  |
| Total | 527 | 5.126 | (b) |

$$
\begin{aligned}
& \text { (a) Shift working during neek ended September } 22 \text {, } 1951 \text {. } \\
& \text { (b) The number and percentage of returns showing shift morking and of operatives on shift-work were as follows:- }
\end{aligned}
$$

|  | Returns |  | Operatives |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\underset{\text { trade }}{\text { Total in }}$ | Showing shift-work | ${ }_{\substack{\text { Total } \\ \text { trade }}}^{\text {in }}$ |  | Number employ ompiod on shift- sork |
| Number <br> Percentage of total in trad Percentage of total on returns showing shift-work | $\begin{array}{r} 26 \\ 100.0 \end{array}$ | 7.7 | 4.524 100.0 | $\begin{array}{r} 228 \\ 5.0 \\ 100.0 \end{array}$ | $\begin{array}{r} 104 \\ 2.3 \\ 45.6 \end{array}$ |

Wages and salaries and employers' | National Insurance |
| :--- |
| contributions paid during the year |
| Larger establishments |

TABLE 16

Employers' contributions to all
National Insuramce Schemes

Plant, machinery and vehicles - acquisitions and disposals, and capital expenditure on new building work

| Larger establishments |  |  | £.000 |
| :---: | :---: | :---: | :---: |
|  | Great Britain |  |  |
|  |  |  |  |  |
|  | 1951 | 1949 | 1948 |
| Plant, machinery and vehicles Acquisitions$\qquad$ |  |  |  |
|  |  |  |  |  |  |  |  |
| $\xrightarrow{\text { New }}$ Second-hand | ${ }_{4}^{33}$ | ${ }_{12}^{51}$ | ${ }_{16}^{47}$ |
| Vehicles |  | 7 |  |
| $\xrightarrow{\text { New }}$ Second-hand | ${ }_{1}^{6}$ | - | ${ }_{2}$ |
| Total acquisitions | 44 | 70 | 76 |
| Disposals <br> Plant and machinery | 7 | 2 | 2 |
| Vehicles |  |  |  |
| Total disposals | 7 | 2 | 4 |
| New building work <br> Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges) | 1 | 3 | 4 |



TABLE 22 - Employment in September: Larger establishments
See Table 13.

TABLE 23 - Average employment: Larger establishments
See Table 14.

TABLE 24 - Wages and salaries and employers' National Insurance contributions paid during the year: Larger establishments

See Table 16.

Plant, machinery and vehicles - acquisitions and disposals,
and capital expenditure on new building work
Larger establishments


Payment for transport services for goods
sold and materials and fuel purchased
Larger establishment

|  | Great Britain |
| :---: | :---: |
| Amount paid to other firms mid undertakings | ${ }^{88}$ |
| Amount paid or credited to firms own separate transport organisations | 1 |
| Total | 90 |


their own work people included in the return: and
consumable tools and parts for machinery purchased as
reptacement Materialst components, erto
 merchanted or factored goods) were excluded. For
1951 firms in many trades were required to stote
the Stocks and work in progress: Firms were instructed Stocks and work in progress: Firm.
to qive these at income tax value.

## Output: Sales mans sales during the year of goods made in the establishment covered by the return or nade on commission for it. Whether




 Gross output of a trade is the total value of goods
made and other work done during the yeari. this
means the value of sales and work done during the made and other work done during the year, this
means the value.of sales and work done during the
year adjusted for changes in the values of stocks.


 expenses and all other similar charges hav
mot as well as depreciation and profits.
Customs and Excise Duty paid on materials purchased
is included in the cost of materials, but there it is included in the oost pian on materinis. bis but therere it it
is especially important separate figures are shown . Later reports: Reports will be published later
sumarising the main census results and giving inDisclosure of informetion. The fuel consumption.

 Symbols used: $\because$ for Not available $\because$ for 'Nil The figures in the tables have been roundod off The figu res in the tables have been rounded off
to the nearest final digit, and there may be an
apparent slight discrepacy between the sums of the apparent slight discrepancy be ween the sums of the
constituent items and the totals shown. Tables 1 to 17 show
(or Great Britain)
Tables 18 to 26 are country tables and give. Where
practicable, separate details for England and Wales,
Scotlend practicable. separate details for
Sootland and Northern Ireland.
Table 6: Socialist producors refer to tiose estabtshents is per cent. or more of those total output
by valuu is accounted for by the groups of product
specifi
Table 8 (or $8(i)$ ) shows the total sales of principol
products of the trade, and includes there fore the products of the trade, and includes therefore the
solite of these products returned by ostablishments
whether classified to the trade or to other trades
 Those produced by establishments in other trade Table 10 shows the sales by establishments in the
trade of products other than those regarded os trade of products other than tho
principal products of the trade.
Table 20 (or $20(i)$ ) shows sales by es tablishments in the trade of products, whe ther principal products o
not. and broadly the aggregates here are equal to the


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