## THE BUILDING MATERIALS TRADE

Note.-For information regarding the scope of the Census, instructions given to firms for making returns, and definitions of the terms used in this report, reference should be made to the Introductory Notes on pages v to xviii.

## Introductory

This trade comprises firms that were engaged wholly or mainly in the shaping and dressing of stone and the manufacture of artificial stone, tar paving and other materials for building, monumental and road making purposes. The particulars given in this report in respect of dressed stone relate only to firms that were not owners of quarries or other stone workings. Firms that obtained crude mineral from their own quarries and converted it into building stone, road stone, etc., are dealt with in the report on Non-Metalliferous Mines and Quarries (see pages 385 to 402.

Comparability between the results for the two years is impaired by the inclusion in the figures for 1930 of returns made by certain firms that were assigned to the Building and Contracting Trade for 1924. The number of persons employed in 1930 by these firms was about 2,000 .

The following table shows the main results of the Censuses of 1930 and 1924 in respect of firms in Great Britain that employed an average of more than ten persons:-

| Particulars |  |  |  |  |
| :--- | :--- | :--- | ---: | ---: | ---: |

[^0]Deficiencies in 1930 aggregates. -The aggregate number of persons employed in 1930 by firms that stated that they employed not more than ten persons on the average was 9,160 , the corresponding figure for 1924 being 5,003 . The value of the gross output of these firms in 1924 was $£ 1,691,000$ and particulars of the items included in this figure are given below :-


In addition, 269 firms to which schedules were sent at the 1930 Census and 450 at that of 1924 furnished no information; these firms either had small businesses or had ceased productive operations before the end of the censal year.

In 1924, the small firms employed about 20 per cent, of all employees in this trade; about 32 per cent. of the value of dressed stone recorded on, schedules for this trade was produced by these firms, but only 12 per cent. of the total output of artificial stone, etc. and less than 5 per cent. of that of paving materials. The great bulk of the work done on purchased monuments was carried out by the small firms.

Size of firms.-In the following table the main particulars recorded at the Census of 1930 are grouped according to the average numbers of persons shown in the returns :-

| Size of firm <br> (average <br> numbers <br> employed) | Number of <br> returns | Gross <br> output | Net <br> output | Average <br> number <br> of persons <br> employed | Net <br> output <br> per person <br> employed |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | No. | $£^{\prime} 000$ | $£^{\prime} 000$ | No. |  |
| $11-24 \ldots$ | $\ldots$ | 255 | 1,796 | 960 | 4,318 |  |
| $25-49 \ldots$ | $\ldots$ | 175 | 2,607 | 1,437 | 5,995 | 240 |
| $50-99 \ldots$ | $\ldots$ | 120 | 3,969 | 2,133 | 8,036 | 265 |
| $100-199 \ldots$ | $\ldots$ | 43 | 3,309 | 1,623 | 6,065 | 268 |
| $200-299 \ldots$ | $\ldots$ | 11 | 1,189 | 710 | 2,638 | 269 |
| $300-749 \ldots$ | $\ldots$ | 6 | 1,060 | 648 | 2,679 | 242 |

Regional distribution.-In the following table the results recorded at the Censuses of 1930 and 1924 are grouped according to the areas* into which Great Britain has been sub-divided :-

| Area | Number of returns | Gross output | Net output | Average number of persons employed | Net output per person employed |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | No. | £'000 | £'000 | No. | £ |
| ... 1930 | 155 | 4,573 | 2,377 | 8,737 | 272 |
| $\cdots$.. 1924 | 121 | 2,411 | 1,415 | 5,231 | 271 |
| 2 ... 1930 | 59 | 1,697 | 857 | 2,950 | 290 |
| $2 \quad \cdots\{1924$ | 36 | 654 | 394 | 1,423 | 277 |
| $3 \ldots\{1930$ | 34 | 512 | 279 | 1,133 | 247 |
| $3 \quad \cdots\{1924$ | 23 | 252 | 156 | 627 | 249 |
| $4 \quad . .\left\{\begin{array}{l}1930 \\ 1021\end{array}\right.$ | 34 | 673 | 357 | 1,461 | 244 |
| 4 ... 1924 | 26 | 868 | 542 | 1,399 | 387 |
| 5 ... 1930 | 62 | 1,184 | 646 | 2,731 | 237 |
| $5 \quad \cdots\{1924$ | 43 | 1,233 | 747 | 2,117 | 353 |
| 6 ... 1930 | 142 | 3,507 | 1,947 | 8,263 | 236 |
| $6 \quad \cdots\left\{\begin{array}{l}1924\end{array}\right.$ | 131 | 2,615 | 1,550 | 5,616 | 276 |
| 7 ... 1930 | 22 | 244 | 144 | 647 | 222 |
| 7 ... 1924 | 17 | 381 | 233 | 801 | 291 |
| 8 ... 1930 | 9 | 120 | 63 | 303 | 208 |
| $8 \quad \cdots\{1924$ | 10 | 162 | 94 | 406 | 232 |
| 9 ... $\left\{\begin{array}{l}1930 \\ 1024\end{array}\right.$ |  |  |  |  | 268 |
| $9 \quad \cdots\{1924$ | 17 | 410 | 233 | 705 | 330 |
| 10 ... 1930 | 61 | 822 | 511 | 2,273 | 225 |
| $10 \quad \cdots 1924$ | 60 | 613 | 398 | 1,982 | 201 |
| Total... $\left\{\begin{array}{l}1930 \\ 1924\end{array}\right.$ | 610 | 13,930 | 7,511 | 29,731 | 253 |
|  | 484 | 9,599 | 5,762 | 20,307 | 284 |

Northern Ireland.-The following table summarises the particulars recorded at the Census of Production taken by the Government of Northern Ireland for 1930 in respect of firms that employed an average of more than five persons. The particulars recorded for 1924 are added but are understood to be incomplete.

| Particulars |  |  |  |  |  |  |  |  | Unit | 1930 | 1924 |
| :--- | :--- | :--- | ---: | ---: | ---: | :---: | :---: | :---: | :---: | :---: | :---: |

The principal items included in the gross output value shown above for 1930 were as follows :-

| Monumental and architectural masonry | $\ldots$ | $\ldots$ | 29 |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | ---: |
| Artificial stone | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 37 |
| Mortar and plaster | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 5 |
| Asphalt and bitumen, | and | tar | and | bitumen |  |  |
| compounds... $\ldots$ $\ldots$ $\ldots$ $\ldots$ $\ldots$ <br> Goods not specified $\ldots$ $\ldots$ $\ldots$ $\ldots$ 6 <br> Work done on monuments ... $\ldots$ $\ldots$ $\ldots$ 3  <br> Work done on roads, buildings, etc. $\ldots$ $\ldots$ 1   <br> Total $\ldots$ $\ldots$ $\ldots$ $\ldots$ $\ldots$ |  |  |  |  |  |  |

## Production

Principal products.-The following table shows the value and, where available, the quantity of building materials and monumental masonry made in 1930 and 1924 for sale :-

| Kind of goods | 1930 |  |  |  |  |  | 1924 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Returned on schedules for |  |  |  |  |  | Total |  |
|  | The Building Materials Trade |  |  | All trades |  |  |  |  |
|  | Quantity | Value | $\begin{aligned} & \text { Ent- } \\ & \text { ries } \end{aligned}$ | $\underset{\text { tity }}{\text { Quan- }}$ | Value | $\left\lvert\, \begin{gathered} \text { Ent- } \\ \text { ries } \end{gathered}\right.$ | Quantity | Value |
| Stone and slate, dressed :-- <br> Setts and pavement <br> kerbs :- Tons $£^{\prime} 000$ No. Tons $£^{\prime} 000$ No. Tons $£^{\prime} 000$ |  |  |  |  |  |  |  |  |
| Of granite ... ... | 4,410 | 9 | 9 | 4,696 | 9 | 10 | $\left\{\begin{array}{c}1,494 \\ *\end{array}\right.$ | 6 15 |
| Of other stone | $\left\{\begin{array}{c}6,444 \\ *\end{array}\right.$ | $\begin{aligned} & 45 \\ & 11 \end{aligned}$ | $\begin{aligned} & 9 \\ & 3 \end{aligned}$ | 7,144 | $\begin{aligned} & 47 \\ & 11 \end{aligned}$ | 11 | $\dagger$ | $\dagger$ |
| Monumental and architectural masonry :- |  |  |  |  |  |  |  |  |
| Of granite | 23,818 | 554 | 77 | 23,872 | 555 | 78 | $\left\{\begin{array}{c}17,267 \\ *\end{array}\right.$ | 495 100 |
| $\checkmark$ Of marble | 21,550 | 494 | 75 | 21,805 | 500 | 78 | $\left\{\begin{array}{c}1,511 \\ *\end{array}\right.$ | 51 236 |
| Of other stone or slate | $\left\{\begin{array}{c}60,915 \\ *\end{array}\right.$ | $\begin{array}{r} 540 \\ 85 \end{array}$ | $\begin{aligned} & 63 \\ & 30 \end{aligned}$ | $\underset{*}{60,915}$ | $\begin{aligned} & 540 \\ & 108 \end{aligned}$ | $\begin{aligned} & 63 \\ & 51 \end{aligned}$ | $\dagger$ | $\dagger$ |
| Other and unclassified dressed stone or slate Slate goods (mantelpieces, | 18,237 | 264 | $22$ | 19,739 | 285 | 30 | $\left\{\begin{array}{c}51,819 \\ *\end{array}\right.$ | 671 430 |
| Slate goods (mantelpieces, school slates, etc.) | ... | 147 | 14 | ... | 147 | 14 | $\underset{*}{2,611} \ddagger$ | $\begin{array}{r}54 \\ 147 \\ \hline\end{array}$ |
| Total-Dressed stone and slate ... ... ... | $\ldots$ | 2,149 | $\ldots$ | ... | 2,202 | $\ldots$ | ... | 2,205 |


| 1930 |  |  |  |  |  | 1924 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Returned on schedules for |  |  |  |  |  | Total |  |
| The Building Materials Trade |  |  | All trades |  |  |  |  |
| Quantity | Value | $\left\|\begin{array}{c} \text { Ent- } \\ \text { ries } \end{array}\right\|$ | Quantity | Value | $\begin{aligned} & \text { Ent- } \\ & \text { ries } \end{aligned}$ | $\begin{aligned} & \text { Quan- } \\ & \text { tity } \end{aligned}$ | Value |
|  | £’000 | No. |  | £'000 | No. |  | £'000 |
| $\ldots$ | 211 43 | 27 27 | $\ldots$ | 230 63 | 32 86 | $\cdots$ | $122 \ddagger$ 57 |
| $\ldots$ | 283 | 27 | $\ldots$ | 318 | 37 | ... | 143 |
| $\ldots$ | 2,928 | 194 | $\ldots$ | 3,082 | 359 | $\ldots$ | 1,426 |
| $\ldots$ | 1,551 | 48 | $\ldots$ | 3,165 | 70 | $\ldots$ | $904 \S$ |
| $\ldots$ | 701 | 121 | $\ldots$ | 928 | 166 | $\ldots$ | 1,125 |
| $\ldots$ | 1,817 3 | 88 | $\ldots$ | 2,241 26 | $\begin{array}{r} 106 \\ 7 \end{array}$ | $\ldots$ | 1,650 11 |
|  | 9,686 | ... | ... | 12,255 | $\ldots$ | ... | 8,643 |

* Quantity not stated.
$\dagger$ Included with "Other and unclassified dressed stone or slate."
$\dagger$ Included with "Other and un
§ Including other bituminous and similar solutions (coal tar products).
The figures shown in the columns headed "All trades " are subject to the following qualifications:-
(1) They do not include masonry and other materials manufactured by builders and contractors for use in their own work. The volume of the output so excluded cannot be estimated but was probably considerable.
(2) Firms that made returns on schedules for the Building Materials Trade were not required to state separately the quantity and value of the building stone, roadstone, etc., which they prepared and used in contract work on buildings and roads. In view of the large amounts recorded for such work (see page 169), it appears that an important output of building materials escaped separate record. Some idea of the extent of the deficiency arising from the absence of record under this head and under (1), above, may perhaps be obtained by a comparison of the tonnage of the goods made of granite in the above table and the tonnage of the retained imports of unmanufactured granite, viz., 596,000 tons in 1930 .
(3) They also exclude stone, whether in the crude or dressed form, produced by owners of quarries. Some duplication may be
involved between the value of crude stone as delivered from quarries and that of the dressed stone recorded by firms in the Building Materials Trade, but it is probable that a large part of the crude stone purchased by these firms was imported.

The following table gives particulars of the output in 1930 and 1924 of stone (except slate) recorded on schedules for mines and quarries :-

| Kind of goods | 1930 |  | 1924 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | Value |
|  | Th. tons | £'000 | Th. tons | £'000 |
| Limestone or dolomite :For use as building stone | 198 | 327 | 293 | 301 |
| For use as paving stone, kerbs, etc. | 23 | 12 | 11 | 9 |
| Sandstone and quartzite* :- |  |  |  |  |
| For use as building stone ... | 350 | 539 | 420 | 575 |
| For use as kerbs, setts, flags and paving ... <br> Igneous rockst :- | 203 | 298 | 193 | 254 |
| For architectural and monumental use | 55 | 102 | 64 | 110 |
| For use as kerbs and setts | 220 | 402 | 273 | 563 |
| Total | 1,049 | 1,680 | 1,254 | 1,812 |

* For 1924, the classification was "Sandstone," quartzite being included with granite, basalt, etc.
$\dagger$ For 1924, the classification was " Granite, basalt, quartzite, whinstone, etc."
For particulars of the output of dressed slate and of roadstone, etc., at mines and quarries in 1930 and 1924, reference should be made to pages 412 and $388-90$ respectively.

Prices.-The average selling values of dressed stone and slate in 1930 and 1924, as calculated from the returns received on schedules for the Building Materials Trade, are shown in the following table. Owing to the lack of quantitative data, these comparisons cannot be extended to the other classes of building materials produced by this trade.


Volume of production in 1930 and 1924.-The total value of the output in 1924 of goods regarded as "Principal products" and of the Contract and other work done by firms in this trade amounted to $£ 11,177,000$, and it is estimated that this sum would be reduced to a figure of about $£ 10,300,000$ if re-valued in terms of prices in 1930. On the basis of this estimate, the volume of production of these goods in 1930 was greater by about 59 per cent. than in 1924. In view, however, of the large proportion of the total for which no comparable price factors are available, no high degree of precision is claimed for this estimate.

Exports and imports.-The following table shows the quantities and values of various classes of dressed stone, etc., exported from the United Kingdom in 1930 and 1924, together with particulars of the quantities imported and retained. For the reasons already given, comparison with production is not practicable.

| Kind of goods | Exports |  | Retained imports |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | Value |
|  | Th. tons. | $£^{\prime}{ }^{\prime} 000$ | Th. tons | $£^{\prime} 000$ |
| Stones and slates, wholly or mainly manufactured :- <br> Granite :- |  |  |  |  |
|  |  |  |  |  |
|  | 0.2 0.2 | 1 |  | 303 |
|  | $0 \cdot 2$ $1 \cdot 5$ | 1 46 | $233 \cdot 0$ -6.5 | 613 207 |
| tectural ... ... 1924 | $3 \cdot 3$ | 89 | $3 \cdot 7$ | 82 |
| Marble, other than $\left\{\begin{array}{l}1930 \\ 1924\end{array}\right.$ | $0 \cdot 2$ | 15 | $\underset{*}{31 \cdot 8}$ | 703 |
| works of art ... $\cdots$ ¢ 1924 | $8 \cdot 7$ | 143 | $17 \cdot 1$ |  |
| Other descriptions $\dagger$ ¢ $\quad \cdots\left\{\begin{array}{l}1924 \\ 1924\end{array}\right.$ | $13 \cdot 1$ | 189 | $29 \cdot 6$ | 585 |
| Asphalt and bitumen ... 1930 | * | * | $180 \cdot 8$ | $860$ |
| Asphalt and bitumen $\cdots$ 1924 |  |  |  | 1,370 |

* Not separately recorded.
$\dagger$ Including grindstones, lithographic stones, millstones and whetstones but excluding slates for roofing purposes.

Contract work, etc.-The total amount recorded as received for contract and job work carried out in 1930 by firms whose returns were made on schedules for the Building Materials Trade was $£ 4,159,000$, the corresponding total for 1924 being $£ 2,534,000$. The principal kinds of work included in these totals are shown below. In the case of contract and job work the amount received includes the value of the materials prepared by firms and used by them in such work.

| Kind of work done | 1930 | 1924 |
| :---: | :---: | :---: |
|  | £'000 | £'000 |
| Contract and job work : <br> Work on buildings, etc. (masonry, slating, tiling, plastering, slabbing, etc.)... | 2,154 |  |
| Work on roads (construction, maintenance or repair) ... | 1,850 | $1,609$ |
| Not separately distinguished ... ... ... ... |  |  |
| Total-Contract and job work ... ... | 4,004 | 2,403 |
| Work done on monuments not made by the firm (erection and cutting of inscriptions) | $116 \dagger$ | $77 \dagger$ |
| Work done for the trade or on commission (sawing, turning, etc.) | 39 | 54\% |
| Total ... ... | 4,159 | 2,534 |

$\dagger$ Includes $£ 1,000$ returned on schedules for other trades.
$\ddagger$ Includes $£ 7,000$ returned on schedules for other trades.
Other products. - In addition to the output shown in the table of principal products on pages 166-7, firms that made their returns on schedules for the Building Materials Trade, recorded a sum of $£ 86,000$ in respect of other goods made in 1930, the corresponding figure for 1924 being $£ 45,000$. These goods are dealt with in the reports on those trades in which the principal output was recorded.

## Employment and Wages

Employment. -The following table shows the average numbers of persons employed in 1930 and 1924 :-

| Persons employed | Males |  | Females |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Under } \\ 18 \end{gathered}$ | $\begin{aligned} & \text { All } \\ & \text { ages } \end{aligned}$ | $\begin{gathered} \text { Under } \\ 18 \end{gathered}$ | $\begin{aligned} & \text { All } \\ & \text { ages } \end{aligned}$ | $\begin{aligned} & \text { Under } \\ & 18 \end{aligned}$ | All <br> ages |
| 1930 Operatives (average for the year) | 1,803 | 26,071 | 48 | 255 | 1,851 | 26,326 |
| Administrative, technical and |  |  |  |  |  |  |
| clerical staff (as at 18th October) ... ... ... | 250 | 2,869 | 60 | 536 | 310 | 3,405 |
| Total .. | 2,053 | 28,940 | 108 | 791 | 2,161 | 29,731 |
| 1924 Operatives (average for the year) | 1,159 | 17,882 | 52 | 229 | 1,211 | 18,111 |
| Administrative, technical and clerical staff (as at 18th |  |  |  |  |  |  |
| October) ... ... ... | 155 | 1,844 | 39 | 352 | 194 | 2,196 |
| Total | 1,314 | 19,726 | 91 | 581 | 1,405 | 20,307 |

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Wages.- The available information as to the amount of wages paid in 1930 and 1924 is given on pages 98 and 99.

## Power

The following table shows the capacity of prime movers, electric generators and electric motors ordinarily in use and in reserve or idle in 1930 and 1924 :-

| Power equipment | 1930 |  |  | 1924 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ordinarily in use | In reserve or idle | Total | Ordinarily in use | In reserve or idle | Total |
| Prime movers | H.P. | H.P. | H.P. | H.P. | H.P. | H.P. |
| Reciprocating steam engines | 6,292 | 3,309 | 9,601 | 5,346 | 952 | 6,298 |
| Steam turbines ... | 6,202 | 90 | 90 | 5,316 | 90 | 90 |
| Internal combustion engines :Gas | 6,339 | 291 | 6,630 | 6,442 | 597 | 7,039 |
| Petrol, kerosene, or other light oils | 2,343 | 306 | 2,649 | $\begin{array}{r}625 \\ \hline 68\end{array}$ | 61 | 686 |
| Heavy oils ... ... | 5,410 | 66 | 5,476 | 1,691 | 61 | 1,691 |
| Water engines ... | 314 | - | 314 | 56 | - |  |
| Total ... ... | 20,698 | 4,062 | 24,760 | 14,160 | 1,700 | 15,860 |
| Electric generators Driven by |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Reciprocating steam engines ... | 1,078 | 687 | 1,765 | 622 | 146 | 768 |
| Internal combustion engines :Gas ... $\qquad$ $\qquad$ | 264 | 10 | 274 | 207 | 32 | 239 |
| Petrol, kerosene, or other light oils | 292 | 50 | 342 | 19 | - | 19 |
| Heavy oils ... | 544 | 112 | 656 | 21 | - | 21 |
| Total .. | 2,178 | 859 | 3,037 | 869 | 178 | 1,047 |
|  | H.P. | H.P. | H.P. | H.P. | H.P. | H.P. |
| Electric motors Driven by |  |  |  |  |  |  |
| Electricity generated in same works ... | 2,025 | 676 | 2,701 | 830 | 237 | 1,067 |
| Electricity generated in other works under same ownership | 2,244 | 538 | 2,782 | 150 | 60 | 210 |
| Purchased electricity | 30,121 | 3,587 | 33,708 | 16,199 | 1,673 | 17,872 |
| Total ... ... | 34,390 | 4,801 | 39,191 | 17,179 | 1,970 | 19,149 |

## Consumption of fuel

The following table shows the quantities of coal, coke and electricity recorded as used in 1930 :-

| Kind of fuel used |  | For power <br> (driving <br> engines) | For other <br> purposes <br> (so far as <br> recorded) | For power and <br> other purposes, <br> not separately <br> distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

* These figures were recorded by firms representing 92.5 per cent. of the net output of the whole trade.

TABLES
I. Summary of results

| Particulars | Unit | England and Wales | Scotland | Great Britain |
| :---: | :---: | :---: | :---: | :---: |
| Value of goods made and work done (Gross output) | £'000 $^{\prime}$ | 12,510 | 1,420 | 13,930 |
| Cost of materials used ... ... | ,, | 5,722 | 533 | 6,255 |
| Paid for work given out to other firms... | ," | 118 | 46 | 164 |
| Net output ... ... |  | 6,670 | 841 | 7,511 |
| Average number of persons employed | No. | 26,225 | 3,506 | 29,731 |
| Net output per person employed | £ | 255 | 240 | 253 |
| Power available :- |  |  |  |  |
| Prime movers ... | H.P. | 18,847 | 5,913 | 24,760 |
| Electric motors driven by purchased electricity | " | 29,568 | 4,140 | 33,708 |

## II. Production

| Kind of goods made <br> and work done |
| :---: | :---: | :---: | :---: | :---: |


| Kind of goods made and work done | Unit | England and Wales | Scotland | Great <br> Britain |
| :---: | :---: | :---: | :---: | :---: |
| Hearth surrounds, e.g. slabbed work and other tile and mosaic work, not included above | $£^{\prime} 000$ | * | * | 211 |
| Mortar | $£^{\prime} 000$ | * | * | 43 |
| Plaster (including plaster partitions, figures, models, etc.) ... | $£^{\prime} 000$ | * | * | 283 |
| Artificial stone (including concrete blocks, slabs, cement flags, breeze blocks, etc.) ... | $£^{\prime} 000$ | 2,800 | 128 | 2,928 |
| Paving materials : Asphalt and bitumen | $£^{\prime} 000$ | 1,476 | 75 | 1,551 |
| Crushed stone, slag, clinker, etc. ... | £'000 | 668 | 33 | 701 |
| Tar macadam ... | $£^{\prime} 000$ | 1,786 | 31 | 1,817 |
| Other kinds | £'000 | 3 | - | 3 |
| Total-Paving materials | £'000 | 3,933 | 139 | 4,072 |
| Other products ... ... ... | $£^{\prime} 000$ | 86 | - | 86 |
| Work done :- |  | Amount received | Amount received | Amount received |
| Contract and job work- |  |  |  |  |
| Work on buildings, etc. (masonry, slating, tiling, plastering, slabbing, etc.)... | $£^{\prime} 000$ | 1,985 | 169 | 2,154 |
| Work on roads (construction, maintenance or repair) | $£^{\prime} 000$ | 1,446 | 404 | 1,850 |
| Work done on monuments not made by the firm (erection and cutting of inscriptions) ... | $£^{\prime} 000$ | 108 | 7 | 115 |
| Work done for the trade or on commission (sawing, turning, etc.) | $£^{\prime} 000$ | 33 | 6 | 39 |
| Total value of work done ... | $£^{\prime} 000$ | 3,572 | 586 | 4,158 |
| Total value of goods made and work done (Gross outrut) | $£^{\prime} 000$ | 12,510 | 1,420 | 13,930 |

* Owing to the possible disclosure of particulars relating to individual firms, separate particulars for England and Wales and for Scotland cannot be given.


## III. Employment

A.-Numbers employed in week ended 18 th October, 1930

| Persons employed |  | Males |  | Females |  | Males and females |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{\|c\|} \hline \text { Under } \\ 18 \end{array}$ | $\begin{aligned} & \text { All } \\ & \text { ages } \end{aligned}$ | Under 18 | $\begin{gathered} \text { All } \\ \text { ages } \end{gathered}$ | $\begin{gathered} \text { Under } \\ 18 \end{gathered}$ | $\begin{gathered} \text { All } \\ \text { ages } \end{gathered}$ |
| England and Wales :Operatives ... Administrative, etc.* | $\ldots$ | $\begin{array}{r} 1,563 \\ 238 \end{array}$ | $\begin{array}{r} 23,437 \\ 2,650 \end{array}$ | $\begin{aligned} & 47 \\ & 52 \end{aligned}$ | $\begin{aligned} & 236 \\ & 460 \end{aligned}$ | $\begin{array}{r} 1,610 \\ 290 \end{array}$ | $\begin{array}{r} 23,673 \\ 3,110 \end{array}$ |
| Total |  | 1,801 | 26,087 | 99 | 696 | 1,900 | 26,783 |
| Scotland:- <br> Operatives ... <br> Administrative, etc.* | $\ldots$ | 274 12 | $\begin{array}{r} 3,129 \\ 219 \end{array}$ | $\begin{aligned} & 2 \\ & 8 \end{aligned}$ | 24 76 | $\begin{array}{r} 276 \\ 20 \end{array}$ | 3,153 295 |
| Total | ... | 286 | 3,348 | 10 | 100 | 296 | 3,448 |
| Great Britain :Operatives Administrative, etc.* | $\ldots$ | $\begin{array}{r} 1,837 \\ 250 \end{array}$ | $\begin{array}{r} 26,566 \\ 2,869 \end{array}$ | $\begin{aligned} & 49 \\ & 60 \end{aligned}$ | $\begin{aligned} & 260 \\ & 536 \end{aligned}$ | $\begin{array}{r} 1,886 \\ 310 \end{array}$ | $\begin{array}{r} 26,826 \\ 3,405 \end{array}$ |
| Total | ... | 2,087 | 29,435 | 109 | 796 | 2,196 | 30,231 |

* Administrative, technical and clerical staff
B.-OPERATIVES EMPLOYED IN ONE WEEK IN EACH MONTH OF 1930

| Week ended | Males and females |  |  | Week ended | Males and females |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | England and Wales | Scotland | Great Britain |  | England and Wales | Scotland | Great Britain |
| Jan. 18 ... | 21,696 | 3,004 | 24,700 | July $19 \ldots$ | 24,002 | 3,252 | 27,254 |
| Feb. 15 ... | 22,130 | 3,054 | 25,184 | Aug. $16 .$. | 23,767 | 3,567 | 27,334 |
| Mar. 15 ... | 22,333 | 3,152 | 25,485 | Sept. 13... | 23,795 | 3,452 | 27,247 |
| April $12 .$. | 22,471 | 3,369 | 25,840 | Oct. $18 .$. | 23,673 | 3,153 | 26,826 |
| May 17 ... | 23,140 | 3,439 | 26,579 | Nov. 15... | 23,415 | 2,906 | 26,321 |
| June $21 .$. | 23,944 | 3,401 | 27,345 | Dec. $13 .$. | 23,013 | 2,785 | 25,798 |
| Average for the twelve months |  |  |  | ... ... | 23,115 | 3,211 | 26,326 |
| 24652 |  |  |  |  |  |  | G |

## IV. Power

Particulars of prime movers, ELECTRIC GENERATORS AND ELECTRIC MOTORS

|  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

V. Consumption of fuel

| Kind of fuel used | England and Wales | Scotland | Great <br> Britain |
| :---: | :---: | :---: | :---: |
| Coal used for power* <br> Coke used for power* | Tons <br> 21,753 <br> 4,233 | Tons 3,302 853 | $\begin{aligned} & \text { Tons } \\ & 25,055 \end{aligned}$ $5,086$ |
| Electricity used for all purposes :Generated in same works Generated in other works under same ownership <br> Purchased | B.T.U. (Kw.-hrs.) '000 1,935 3,897 15,766 | B.T.U. (Kw.-hrs.) '000 130 103 1,753 | B.T.U. (Kw.-hrs.) '000 2,065 4,000 17,519 |
| TotaL-Electricity ... ... | 21,598 | 1,986 | 23,584 |

* In addition, 7,012 tons of coal (4,839 tons in England and Wales and 2,173 tons in Scotland) and 10 tons of coke (all in England and Wales) were recorded as used for power and for other purposes, not separately distinguished.
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[^0]:    * Not available.

