

THE PLATE AND JEWELLERY 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 manufacture of jewellery and other goldsmiths' and silversmiths' goods. 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 | Unit | 1930 | 1924 |
|--|-------|--------|--------|
| Value of goods made and work done (Gross output) | £'000 | 8,706 | 10,952 |
| Cost of materials used | ,, | 3,987 | 5,380 |
| Paid for work given out to other firms | ,, | 118 | 127 |
| Net output | ,, | 4,601 | 5,445 |
| Average number of persons employed (excluding outworkers) | No. | 25,401 | 29,759 |
| Net output per person employed (excluding outworkers) | £ | 181 | 183 |
| Power available :— | | | |
| Prime movers | H.P. | 3,654 | 5,581 |
| Electric motors driven by purchased electricity | ,, | 17,202 | 13,099 |
| Number of returns | No. | 438 | 587 |
| Number of establishments | ,, | 459 | * |

* Not available.

Deficiencies in 1930 aggregates.—The aggregate number of persons employed in 1930 by firms that stated that they employed not more than 10 persons on the average was 6,287, the corresponding figure for 1924 being 4,506. The value of the gross output of the small firms in 1924 was £1,429,000, and particulars of the items included in this figure are given below :—

| | £'000 |
|--|-------|
| Jewellery :— | |
| Of gold or platinum | 362 |
| Of other and unclassified metals | 92 |
| Other goldsmiths' and silversmiths' wares :— | |
| Of gold | 28 |
| Of silver | 123 |
| Of electro-plate and other metals | 172 |
| Other goods made | 141 |
| Repair work | 283 |
| Work done for the trade | 228 |
| TOTAL | 1,429 |

It may be noted that, of the aggregates returned at the 1924 Census, the small firms recorded over 32 per cent. of the value of repair and other work, but only between 8 and 9 per cent. of the value of goods made.

In addition, 119 firms to which schedules were sent at the 1930 Census and about 470 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.

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 (average numbers employed) | Number of returns | Gross output | Net output | Average number of persons employed (excluding outworkers) | Net output per person employed |
|--|----------------------|-----------------|---------------|--|---|
| | No. | £'000 | £'000 | No. | £ |
| 11-24 ... | 167 | 1,153 | 544 | 2,897 | 188 |
| 25-49 ... | 140 | 2,001 | 942 | 4,649 | 203 |
| 50-99 ... | 73 | 1,692 | 969 | 4,798 | 202 |
| 100-199 ... | 37 | 1,659 | 880 | 5,206 | 169 |
| 200-299 ... | 13 | 833 | 456 | 3,013 | 151 |
| 300 and over ... | 8 | 1,368 | 810 | 4,838 | 167 |
| TOTAL ... | 438 | 8,706 | 4,601 | 25,401 | 181 |

Regional distribution.—In the following table the results recorded at the Censuses of 1930 and 1924 are grouped according to the principal areas* of Great Britain in which firms in this trade are situated:—

| Area | Number of returns | Gross output | Net output | Average number of persons employed (excluding outworkers) | Net output per person employed | |
|------------------|----------------------|-----------------|---------------|--|---|-----|
| | No. | £'000 | £'000 | No. | £ | |
| 1 | 1930 | 89 | 1,518 | 807 | 3,359 | 240 |
| | 1924 | 104 | 1,663 | 815 | 3,361 | 242 |
| 2 | 1930 | 7 | 82 | 47 | 364 | 128 |
| | 1924 | 17 | 120 | 53 | 432 | 123 |
| 3 | 1930 | 74 | 1,984 | 1,185 | 7,533 | 157 |
| | 1924 | 96 | 2,315 | 1,264 | 8,225 | 154 |
| 5 | 1930 | 258 | 5,053 | 2,518 | 13,889 | 181 |
| | 1924 | 350 | 6,744 | 3,245 | 17,322 | 187 |
| 4 and 6 | 1930 | 7 | 54 | 35 | 193 | 185 |
| | 1924 | 11 | 68 | 43 | 263 | 163 |
| 10 | 1930 | 3 | 15 | 9 | 63 | 138 |
| 9 and 10 | 1924 | 9 | 42 | 25 | 156 | 160 |
| TOTAL ... | 1930 | 438 | 8,706 | 4,601 | 25,401 | 181 |
| | 1924 | 587 | 10,952 | 5,445 | 29,759 | 183 |

Northern Ireland.—Owing to the risk of disclosing particulars relating to individual firms, separate details of the output of the Plate and Jewellery Trade in Northern Ireland in 1930 were not

* For particulars see page xviii.

published, the information being combined with that for the Watch and Clock Trade. The available information is shown in the report on the Watch and Clock Trade (page 487).

Production

Principal products.—The following table shows the value and, where available, the quantity of jewellery and other goldsmiths' and silversmiths' wares, etc. made in 1930 and 1924:—

| Kind of goods | 1930 | | | | | | 1924 | |
|---|----------------------------------|-------------|--------------|------------------|-------------|--------------|------------------|-------------|
| | Returned on schedules for | | | | | | Total | |
| | The Plate and Jewellery Trade | | | All trades | | | | |
| | Quan- tity | Value | Ent- ries | Quan- tity | Value | Ent- ries | Quan- tity | Value |
| | Th. ozs. troy | £'000 | No. | Th. ozs. troy | £'000 | No. | Th. ozs. troy | £'000 |
| Jewellery, gem-set or not:— | | | | | | | | |
| Of gold and plati- num ... | 238·3 | 1,746 | 77 | 240·5 | 1,761 | 81 | 338·6 | 2,309 |
| Of silver and silver gilt ... | * 150·7 | 329 97 | 28 34 | * 150·7 | 334 97 | 29 34 | * 263·3 | 331 153 |
| Of imitation gold and silver and other metals... | * * | 46 46 | 10 10 | * * | 46 46 | 10 10 | * * | 138 138 |
| Of unclassified metals ... | ... | 304 | 37 | ... | 304 | 37 | ... | 579 |
| TOTAL—Jewellery | ... | 2,719 | ... | ... | 2,795 | ... | ... | 3,647 |
| Other goldsmiths' and silver- smiths' wares:— | | | | | | | | |
| Of gold ... | 50·1 | 145 | 38 | 53·3 | 152 | 40 | 81·6 | 308 |
| Of silver ... | * 3,446·6 | 33 1,087 | 6 101 | * 3,456·6 | 33 1,100 | 6 103 | * 3,297·3 | 65 1,421 |
| Of electro-plate or of metals other than gold or sil- ver:— | Th. gross | 237 | 29 | Th. gross | 241 | 32 | Th. gross | 365 |
| Spoons and forks ... | 151·7 | 546 | 55 | 213·6 | 757 | 104 | 201·5 | 872 |
| Knives and blades† ... | * 31·0 | 117 201 | 14 32 | * 31·0 | 128 201 | 21 32 | * 12·3 | 146 181 |
| Other goods:— | | | | | | | | |
| Of electro- plate on Britannia metal‡ ... | ... | 55 | 9 | ... | 55 | 9 | ... | 2,357 |
| Of electro- plate on nickel sil- ver‡ ... | ... | 143 | 13 | ... | 143 | 13 | ... | 2,357 |
| Of pewter‡ Of other and unclassi- fied metals | ... | 73 | 14 | ... | 73 | 14 | ... | 2,357 |
| TOTAL—Other gold- smiths' and sil- versmiths' wares | ... | 1,635 | 141 | ... | 1,772 | 168 | ... | 5,898 |

| Kind of goods | 1930 | | | | | | 1924 | |
|--|-------------------------------|-------|---------|--------------|-------|---------|--------------|-------|
| | Returned on schedules for | | | | | | Total | |
| | The Plate and Jewellery Trade | | | All trades | | | | |
| | Quantity | Value | Entries | Quantity | Value | Entries | Quantity | Value |
| | £'000 | No. | | £'000 | No. | | £'000 | |
| Gold and silver thread, lace and braid ... | 50 | 6 | ... | 54 | 8 | ... | 106 | |
| Medals, badges and regalia ... | 321 | 27 | ... | 323 | 29 | ... | 72† | |
| Gold and silver thread, medals, badges, etc., not separately distinguished ... | 26 | 1 | ... | 26 | 1 | — | — | |
| Rough stampings for the trade ... | 173 | 24 | ... | 173 | 24 | ... | 187 | |
| TOTAL—PRINCIPAL PRODUCTS ... | 7,561 | ... | ... | 8,026 | ... | ... | 9,910 | |

* Quantity not stated.

† Not including unplated cutlery (see page 171).

‡ So far as recorded separately.

Prices.—The average selling values of certain classes of jewellery, plate, etc., in 1930 and 1924, as calculated from the Census returns, are shown in the following table. It should be borne in mind that some of the headings cover a large variety of goods and that changes in the proportions of the various kinds of goods produced in the two years will be reflected in the average values shown below.

| Kind of goods | Average value | | 1930 as a percentage of 1924 |
|--|------------------|------------------|------------------------------|
| | 1930 | 1924 | |
| | £ per oz. troy | £ per oz. troy | Per cent. |
| Jewellery, gem-set or not :— | | | |
| Of gold and platinum ... | 7.32 | 6.82 | 107.3 |
| Of silver and silver gilt ... | 0.64 | 0.58 | 110.3 |
| Other goldsmiths' and silversmiths' wares :— | | | |
| Of gold ... | 2.86 | 3.78 | 75.7 |
| Of silver ... | 0.32 | 0.43 | 73.8 |
| Of electro-plate or of metals other than gold or silver :— | | | |
| Spoons and forks ... | £ per gross 3.54 | £ per gross 4.15 | 85.3 |
| Knives and blades ... | 6.48 | 14.68 | 44.1 |

Volume of production in 1930 and 1924.—The following table compares the volume of production of jewellery, plate, etc., in 1930 and 1924 :—

| Kind of goods | Total production | | | 1930 as a percentage of 1924 |
|--|------------------|--------------|------------------------|------------------------------|
| | 1930 | 1924 | | |
| | As returned | As returned | At 1930 average values | Per cent. |
| | £'000 | £'000 | £'000 | |
| Jewellery, gem-set or not :— | | | | |
| Of gold and platinum ... | 2,095 | 2,640 | 2,833 | 74 |
| Of silver and silver gilt ... | 143 | 291 | 321 | 45 |
| Of imitation gold and silver and other metals ... | 304 | 579 | 515* | 59 |
| Of unclassified metals ... | 253 | 137 | 143† | § |
| TOTAL—Jewellery ... | 2,795 | 3,647 | 3,812 | 73 |
| Other goldsmiths' and silversmiths' wares :— | | | | |
| Of gold ... | 185 | 373 | 282 | 66 |
| Of silver ... | 1,341 | 1,786 | 1,318 | 102 |
| Of electro-plate or of metals other than gold or silver :— | | | | |
| Spoons and forks ... | 885 | 1,018 | 868 | 102 |
| Knives and blades ... | 201 | 364 | 161 | 125 |
| Other goods, including unclassified goods ... | 2,043 | 2,357 | 2,008‡ | 102 |
| TOTAL—Other goldsmiths' and silversmiths' wares ... | 4,655 | 5,898 | 4,637 | 100 |
| Gold and silver thread, medals, badges, etc. ... | 403 | 178 | 136 | 296 |
| Rough stampings for the trade ... | 173 | 187 | 160‡ | 108 |
| TOTAL ... | 8,026 | 9,910 | 8,745 | 92 |

* Based on average export values.

† Based on average values of all jewellery.

§ This figure would have no significance.

‡ Based on average value of spoons and forks.

|| Based on average values of "Other goldsmiths' and silversmiths' wares."

Repair work, work done for the trade, etc.—The total amount recorded as received for repair work, work done for the trade, etc., in 1930 was £943,000, the corresponding total for 1924 being £1,061,000. The principal kinds of work included in these totals were as follows :—

| Kind of work done | 1930 | 1924 |
|---|-----------------|-----------------|
| | Amount received | Amount received |
| Repair work | £'000 353 | £'000 374 |
| Work done for the trade or on commission :— | | |
| Plating or finishing of plated goods | 530* | 613 |
| Enamelling and painting | 17 | 74 |
| Other work | 43 | |
| TOTAL | 943 | 1,061 |

* Including £4,000 returned on schedules for other trades.

Exports and imports.—The following table shows the quantity and value of various kinds of jewellery and goldsmiths' and silversmiths' wares exported from the United Kingdom in 1930 and 1924, together with particulars of similar goods imported and retained :—

| Kind of goods | Exports | | Retained imports | |
|--|--------------|-------|------------------|-------|
| | Quantity | Value | Quantity | Value |
| | Ozs. troy | £'000 | Ozs. troy | £'000 |
| Jewellery, gem-set or not :— | | | | |
| Of gold and platinum ... { | 1930 1,067 | 6 | 1,069 | 23 |
| ... { | 1924 1,756 | 19 | 2,251 | 24 |
| Of silver (including silver { | 1930 25,445 | 13 | 5,253 | 3 |
| gilt) ... { | 1924 40,222 | 18 | 35,739 | 17 |
| Of imitation gold and { | 1930 12,290 | 7 | 93,851 | 144 |
| silver ... { | 1924 19,869 | 12 | 22,153 | 13 |
| Of other metals ... { | 1930 10,112 | 5 | 21,386 | 9 |
| ... { | 1924 8,141 | 6 | 7,169 | * |
| Other goldsmiths' and silversmiths' wares :— | Ozs. troy | | Ozs. troy | |
| Of gold ... { | 1930 1,073 | 4 | 2,288 | 9 |
| ... { | 1924 668 | 4 | 564 | 3 |
| Of silver, gilt or ungilt ... { | 1930 482,935 | 198 | 93,643 | 19 |
| ... { | 1924 527,520 | 221 | 51,770 | 20 |
| | Gross | | Gross | |
| Of other metals, coated or not :— | | | | |
| Spoons and forks ... { | 1930 40,345 | 150 | 69,843 | 38 |
| ... { | 1924 45,001 | 203 | 15,735 | 15 |
| Other sorts ... { | 1930 ... | 653 | ... | 76 |
| ... { | 1924 ... | 850 | ... | 36 |

* Re exports £214 in excess of imports.

The following figures show the total value of the output of jewellery and other goldsmiths' and silversmiths' wares in 1930 and 1924 and that of exports and of retained imports of such goods in the same years. In comparing the production figure for 1930 with the figures relating to external trade, the deficiencies due to the

exclusion of the small firms should be borne in mind. The production total for 1924 includes the output of the small firms.

| | 1930 | 1924 |
|----------------------------------|-------|--------|
| | £'000 | £'000 |
| Production (at factory) | 8,026 | 10,833 |
| Exports (f.o.b.) | 1,036 | 1,333 |
| Retained imports (c.i.f.) | 321 | 128 |

Other products.—In addition to the output shown in the table of principal products on pages 475-6, the following goods were produced in 1930 and 1924 by firms that made their returns on schedules for the Plate and Jewellery Trade. These goods are dealt with in the reports on those trades in which the principal output was recorded.

| Kind of goods | 1930 | 1924 |
|--|------------|------------|
| | Value | Value |
| | £'000 | £'000 |
| Clocks, watches and parts thereof | 24 | 21 |
| Cutlery and parts thereof | 20 | 23 |
| Other goods made | 82 | 187 |
| TOTAL | 126 | 231 |

Waste products sold.—The total amount recorded by firms in the Plate and Jewellery Trade in respect of sales of waste products in 1930 was £80,000, the corresponding figure for 1924 being £115,000.

Employment and Wages

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

| Persons employed | Males | | Females | | Total | |
|--|--------------|---------------|--------------|---------------|--------------|---------------|
| | Under 18 | All ages | Under 18 | All ages | Under 18 | All ages |
| 1930 | | | | | | |
| Operatives (average for the year) | 1,156 | 10,916 | 2,634 | 10,303 | 3,790 | 21,219 |
| Administrative, technical and clerical staff (as at 18th October) | 108 | 2,158 | 413 | 2,024 | 521 | 4,182 |
| TOTAL | 1,264 | 13,074 | 3,047 | 12,327 | 4,311 | 25,401 |
| 1924 | | | | | | |
| Operatives (average for the year) | 1,592 | 13,156 | 3,105 | 11,906 | 4,697 | 25,062 |
| Administrative, technical and clerical staff (as at 18th October) | 171 | 2,392 | 410 | 2,305 | 581 | 4,697 |
| TOTAL | 1,763 | 15,548 | 3,515 | 14,211 | 5,278 | 29,759 |
| Average number of outworkers:— | | | | | | |
| 1930 | 517 | | 127 | | 644 | |
| 1924 | 844 | | 246 | | 1,090 | |

Wages.—The available information as to the amount of wages paid in 1930 and 1924 is given on pages 406 and 407.

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 | 113 | — | 113 | 331 | 98 | 429 |
| Internal combustion engines :— | | | | | | |
| Gas | 2,605 | 123 | 2,728 | 4,319 | 684 | 5,003 |
| Heavy oils | 791 | 22 | 813 | 149 | — | 149 |
| TOTAL | 3,509 | 145 | 3,654 | 4,799 | 782 | 5,581 |
| ELECTRIC GENERATORS | Kw. | Kw. | Kw. | Kw. | Kw. | Kw. |
| Driven by | | | | | | |
| Reciprocating steam engines | 4 | — | 4 | 55 | — | 55 |
| Internal combustion engines :— | | | | | | |
| Gas | 150 | 3 | 153 | 298 | 88 | 386 |
| Heavy oils | 186 | 3 | 189 | 14 | — | 14 |
| TOTAL | 340 | 6 | 346 | 367 | 88 | 455 |
| ELECTRIC MOTORS | H.P. | H.P. | H.P. | H.P. | H.P. | H.P. |
| Driven by | | | | | | |
| Electricity generated in same works | 245 | 2 | 247 | 281 | 15 | 296 |
| Purchased electricity | 15,235 | 1,967 | 17,202 | 11,148 | 1,951 | 13,099 |
| TOTAL | 15,480 | 1,969 | 17,449 | 11,429 | 1,966 | 13,395 |

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 (driving engines) | For other purposes |
|--------------------------------------|-----------------------------|---------------------------|
| Coal... .. | Tons 2,034 | Tons 9,900 |
| Coke | 150 | 3,166 |
| Electricity used for all purposes :— | | B.T.U. (Kw.-hrs.) '000 |
| Generated in same works | | 135 |
| Purchased | | 10,388 |
| TOTAL—Electricity | | 10,523 |

TABLES

I. Summary of results

| Particulars | Unit | England and Wales | Scotland | Great Britain |
|--|-------|-------------------|----------|---------------|
| Value of goods made and work done (Gross output) | £'000 | 8,691 | 15 | 8,706 |
| Cost of materials used | " | 3,981 | 6 | 3,987 |
| Paid for work given out to other firms... .. | " | 118 | — | 118 |
| Net output | " | 4,592 | 9 | 4,601 |
| Average number of persons employed (excluding outworkers) | No. | 25,338 | 63 | 25,401 |
| Net output per person employed (excluding outworkers) | £ | 181 | 138 | 181 |
| Power available :— | | | | |
| Prime movers | H.P. | 3,654 | — | 3,654 |
| Electric motors driven by purchased electricity | " | 17,131 | 71 | 17,202 |

II. Production

| Goods sold or added to stock and work done | Great Britain* | |
|--|----------------|--------------|
| | Quantity | Value |
| | Th. ozs. troy | £'000 |
| Jewellery, gem-set or not :— | | |
| Of gold and platinum | 238·3 | 1,746 |
| | † | 329 |
| Of silver and silver gilt | 150·7 | 97 |
| | † | 46 |
| Of imitation gold and silver and other metals | ... | 304 |
| Of unclassified metals | ... | 197 |
| TOTAL—Jewellery | ... | 2,719 |
| Other goldsmiths' and silversmiths' wares :— | | |
| Of gold | 50·1 | 145 |
| | † | 33 |
| Of silver | 3,446·6 | 1,087 |
| | † | 237 |
| Of electro-plate or of metals other than gold or silver :— | Th. gross | |
| Spoons and forks | 151·7 | 546 |
| | † | 117 |
| Knives and blades | 31·0 | 201 |
| Other goods :— | | |
| Of electro-plate on Britannia metal ‡ | ... | 55 |
| Of electro plate on nickel silver ‡ | .. | 143 |
| Of pewter ‡ | ... | 73 |
| Of other and unclassified metals | ... | 1,635 |
| TOTAL—Other goldsmiths' and silversmiths' wares | ... | 4,272 |

| Goods sold or added to stock and work done | Great Britain* |
|---|-----------------|
| | Value |
| | £'000 |
| Gold and silver thread, lace and braid | 50 |
| Medals, badges and regalia | 321 |
| Gold and silver thread, medals, badges, etc., not separately distinguished | 26 |
| Rough stampings for the trade | 173 |
| Clocks, watches and parts thereof | 24 |
| Cutlery and parts thereof | 20 |
| Other goods made | 82 |
| Waste products sold | 80 |
| TOTAL VALUE OF GOODS MADE | 7,767 |
| | Amount received |
| | £'000 |
| Repair work | 353 |
| Work done for the trade :— | |
| Plating or finishing of plated goods | 526 |
| Enamelling and painting | 17 |
| Other work | 43 |
| TOTAL AMOUNT RECEIVED FOR WORK DONE | 939 |
| TOTAL VALUE OF GOODS MADE AND WORK DONE (GROSS OUTPUT) | 8,706 |

* Owing to the possible disclosure of information relating to individual firms figures can only be given for Great Britain as a whole.

† Quantity not stated.

‡ So far as separately recorded.

III. Employment

A.—NUMBERS EMPLOYED IN WEEK ENDED 18TH OCTOBER, 1930 (EXCLUDING OUTWORKERS)

| Persons employed (excluding outworkers) | Males | | Females | | Males and females | |
|--|--------------|---------------|--------------|---------------|-------------------|---------------|
| | Under 18 | All ages | Under 18 | All ages | Under 18 | All ages |
| <i>England and Wales :—</i> | | | | | | |
| Operatives | 1,170 | 11,041 | 2,674 | 10,459 | 3,844 | 21,500 |
| Administrative, etc.* | 108 | 2,153 | 411 | 2,015 | 519 | 4,168 |
| TOTAL | 1,278 | 13,194 | 3,085 | 12,474 | 4,363 | 25,668 |
| <i>Scotland :—</i> | | | | | | |
| Operatives | 4 | 47 | 1 | 4 | 5 | 51 |
| Administrative, etc.* | — | 5 | 2 | 9 | 2 | 14 |
| TOTAL | 4 | 52 | 3 | 13 | 7 | 65 |
| <i>Great Britain :—</i> | | | | | | |
| Operatives | 1,174 | 11,088 | 2,675 | 10,463 | 3,849 | 21,551 |
| Administrative, etc.* | 108 | 2,158 | 413 | 2,024 | 521 | 4,182 |
| TOTAL | 1,282 | 13,246 | 3,088 | 12,487 | 4,370 | 25,733 |

* Administrative, technical and clerical staff.

B.—OPERATIVES (EXCLUDING OUTWORKERS) 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 ... | 21,330 | 50 | 21,380 | July 19 ... | 20,893 | 45 | 20,938 |
| Feb. 15 ... | 21,291 | 50 | 21,341 | Aug. 16... .. | 20,511 | 50 | 20,561 |
| Mar. 15 ... | 21,255 | 49 | 21,304 | Sept. 13... .. | 20,880 | 49 | 20,929 |
| Apl. 12 ... | 21,191 | 45 | 21,236 | Oct. 18 | 21,500 | 51 | 21,551 |
| May 17 ... | 21,195 | 49 | 21,244 | Nov. 15... .. | 21,642 | 51 | 21,693 |
| June 21 ... | 21,044 | 49 | 21,093 | Dec. 13 | 21,306 | 50 | 21,356 |
| AVERAGE FOR THE 12 MONTHS | | | | | 21,170 | 49 | 21,219 |

C.—NUMBERS OF OUTWORKERS AT TWO SPECIFIED PERIODS IN 1930

| Country | January | | | July | | |
|-------------------------------|---------|---------|-------|-------|---------|-------|
| | Males | Females | Total | Males | Females | Total |
| <i>England and Wales*</i> ... | 508 | 137 | 645 | 526 | 117 | 643 |

* No outworkers were recorded for Scotland.

IV. Power

PARTICULARS OF PRIME MOVERS, ELECTRIC GENERATORS AND ELECTRIC MOTORS

| Power equipment | Great Britain | |
|--|-------------------|--------------------|
| | Ordinarily in use | In reserve or idle |
| PRIME MOVERS | | |
| Reciprocating steam engines | H.P. 113 | H.P. — |
| Internal combustion engines :— | | |
| Gas | 2,605 | 123 |
| Heavy oils | 791 | 22 |
| TOTAL | 3,509 | 145 |
| TOTAL OF PRIME MOVERS INSTALLED ... | 3,654 | |
| ELECTRIC GENERATORS | | |
| Driven by | Kw. | Kw. |
| Reciprocating steam engines | 4 | — |
| Internal combustion engines :— | | |
| Gas | 150 | 3 |
| Heavy oils | 186 | 3 |
| TOTAL | 340 | 6 |
| TOTAL OF ELECTRIC GENERATORS INSTALLED | 346 | |
| ELECTRIC MOTORS | | |
| Driven by | H.P. | H.P. |
| Electricity generated in same works | 245 | 2 |
| Purchased electricity | 15,235 | 1,967 |
| TOTAL | 15,480 | 1,969 |
| TOTAL OF ELECTRIC MOTORS INSTALLED ... | 17,449 | |

The only power equipment recorded for Scotland consisted of electric motors driven by purchased electricity of a total capacity of 71 horse-power, all of which were stated to have been ordinarily in use during the year.

V. Consumption of fuel

| Kind of fuel used | England and Wales | Scotland | Great Britain |
|--------------------------------------|----------------------|----------------------|----------------------|
| | Tons | Tons | Tons |
| Coal used for power | 2,034 | — | 2,034 |
| Coke used for power | 150 | — | 150 |
| | B.T.U. (Kw.-hrs.) | B.T.U. (Kw.-hrs.) | B.T.U. (Kw.-hrs.) |
| Electricity used for all purposes :— | '000 | '000 | '000 |
| Generated in same works | 135 | — | 135 |
| Purchased | 10,362 | 26 | 10,388 |
| TOTAL—Electricity | 10,497 | 26 | 10,523 |