## THE REPORT on the CENSUS OF PRODUCTION FOR 1951 <br> Volume 5 <br> Trade J

JEWELLERY AND PLATE


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## JEwELLERY and plate trade

THIS REPORT on the Jewellery and Plate Trade relates to establishments engaged wholly or mainly in the cutting and polishing of precious stones and the manufacture of jewellery, coins. medals, tableware and ornaments of gold, silver, pewter, gold or silver plate, etc. The Royal int is included for post-war years.

This trade is included in minimum list heading 102 in the Standard Industrial Classification.
Any establishments in Northern Ireland are excluded in 1948; no production was recorded here in this trade for 1937 or 1935.

IMPORTANT NOTES and definitions appear on the inside of he back cover of this report. In interpreting the data in the following tables, it is essential to bear these in mind
Surmary

Larger establishments (a)

## table 1

|  | United Kingdom |  |  | Great Britain |  | United Kingdom |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1951 | 1950 | 1949 | 1949 (b) | 1948 | 1937 | 1935 |
| Gross output (production) (c) <br> Cost of materials and fuel used (d) Payment for work done on materials given out <br> Excise duty <br> Transport payments (e) | £'000 | $\varepsilon^{\prime} 000$ | $¢^{\prime} 000$ | $\ell^{\prime} 000$ | $\varepsilon^{\prime} 000$ | £.000 | ${ }^{\prime} \times 000$ |
|  | 22, 599 | 19.566 | 18.589 | .. | 19.601 | 10.147 | 9.194 |
|  | 10.821 | 9. 263 | 8, 326 | .. | 9.019 | 4.856 | 4.396 |
|  | 503 | 414 | 415 | .. | 425 | 165 | 181 |
|  | ${ }^{2}$ | 3 | 4 | $\cdots$ | 1 | $\cdots$ | $\cdots$ |
|  | 91 | . | .. | .. | .. | .. | .. |
| Net output <br> Wages and salaries of persons employ ed | 11.182 | 9.885 | 9.844 | . | 10,156 | 5.126 | 4.617 |
|  | 6.201 | 6.098 | 5.927 | .. | 6.080 | .. |  |
| Average number of persons employed (f) | $\begin{gathered} \text { No. } \\ \text { 19.005 } \end{gathered}$ | $\begin{aligned} & \text { No. } \\ & 20.179 \end{aligned}$ | $\stackrel{\text { No. }}{20,125}$ | No. | $\begin{aligned} & \text { No. } \\ & { }_{20,283} \end{aligned}$ | ${ }_{2}^{\text {25, }}$ | ${ }_{25 .}^{\text {No }}$ S87 |
|  | ${ }_{588}^{\varepsilon}$ | $\varepsilon_{490}$ | ${ }_{4}^{8}{ }_{49}$ | £. | ${ }_{501}$ | ${ }_{2}{ }_{201}$ | ${ }_{180}$ |
| output per person employed (f) | $£^{\prime} 000$ | £'000 | £. 000 | £ 000 | 8.000 | \& 000 | \& 000 |
| Stocks at end of year |  |  |  |  |  |  |  |
| Products on hand for sale and work in progress <br> Naterials ond fuel | 3.074 2.763 | 2.980 2,545 | 2.847 2.072 | $\because$ | 2.732 2.167 | $\because$ | $\because$ |
| Number of establi shments |  | ${ }^{\text {No, }} \mathbf{3 6 6}$ | ${ }^{\mathrm{No}}{ }_{358}$ | No. | ${ }^{\text {No. }} 350$ | No. | ${ }^{\text {No }}{ }_{458}$ |
| The values of gross output and of materials and fuel used are derived in the following way:- |  |  |  |  |  |  |  |
| Output of firms in this trade (g) | $\ell^{\prime} 000$ | $£^{\prime} 000$ | $£^{\prime} 000$ | $\varepsilon^{\prime} 000$ | $£^{\prime} 000$ | \& 000 | $£^{\prime} 000$ |
|  | 21. ${ }_{884}$ | 19.489 | 18,523 | .. | 18.351 822 | 9.719 428 | ${ }^{8.937}$ |
| Principal products (h) Other output (i) Changes in stocks and work in progress ( j ) | + 162 | + 148 | + 138 |  | + 464 |  |  |
| Less payment for transport outwards (e) | 22. 599 | 19.637 | 18.661 |  | 19.638 |  |  |
|  |  | 71 | 72 | .. | 37 |  |  |
| Gross output (production) | 22. 599 | 19,566 | 18,589 | .. | 19.601 | 10.147 | 9.194 |
| Materials and fuel used by firms in this trade |  |  |  |  |  |  |  |
| Purchases Changes in stocks ( j ) | - $\begin{array}{r}11.095 \\ -\quad 274\end{array}$ | 9.713 $-\quad 449$ | $\begin{array}{r}8.223 \\ +\quad 103 \\ \hline\end{array}$ | $\because$ | 99088 | 4.856 | 4.396 |
| Materials and fuel used | 10.821 | 9. 263 | 8. 326 | . | 9.019 | 4.856 | 4,396 |

(a) For small firms' summary see Table
(b) Owing to the risk of di sclosure of in fo mation relating to individual firms in Northem I reland separate (c) Gross out tut for 1951 includes paymentse to other firms and undertakings and to firms' om separate transport
orgemisations for transport services. (d) Amounts pold are excluded. for delivery services are excluded for 1951 but included for other years.
(e) Payments to other firms and undertakings and to firms omm separate trassport organisations. For 1951 they
cover payments for transport of both goods sold and materials and fuel purchased. For other years payments
cover payments for transport of both goods sold and materials and fual purchased.
cover only transport outwards of fini shed goods sold
(f) Excluding outwriers but including wo rking proprietors. For an estimate of the total number of persons
(g) Tota value of sales (1951. 1950 . 19 49 ad 1948 ) or production for sale ( 1937 and 1935).
(h) For details for 1951 amd 198 see Table 8 .
(h) For details for 1951 amd 1948 see Table 8 .
(i) For details for 1951 and 1948 see Table 10 .
(i) For details for 1951 see Table 21 .
(19109-1)

TABLE 2

|  | Great Britain |  | $\begin{gathered} \substack{\text { United } \\ \text { Kingdom }} \\ \hline 1949 \end{gathered}$ | Great Britain |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1951 | 1950 |  | 1949 | 1948 |
| Number of returns | 707 | 664 | 754 | 752 | 692 |
| Average number of persons employed (b) Mal es Females | 2.404 1.000 | $\stackrel{2.271}{871}$ | $\begin{array}{r} 2,535 \\ 889 \end{array}$ | $\begin{array}{r} 2.528 \\ \hline 888 \end{array}$ | $\begin{array}{r} 2.501 \\ \\ 912 \end{array}$ |
| Total | 3. 404 | 3.142 | 3. 424 | 3,416 | 3,413 |

(a) Small firms (employing on the average ten or fewer persons) that made satis factory returns. No
inforation about small firms and was ollected in Northem Ireland for 1951 or 1950 .

Estimated average employment (a)
All firms
TABLE 3

| United Kingdom |  |  | Great Britain |  |
| :---: | :---: | :---: | :---: | :---: |
| 1951 | 1950 | 1949 | 1949 | 1948 |
| 19.005 $3,404(\mathrm{e})$ | $\begin{aligned} & 20.179 \\ & 3.142(e) \end{aligned}$ | $\begin{array}{r} 20.125 \\ 3.424 \end{array}$ | $\begin{gathered} \text { (c) } \\ 3.416 \end{gathered}$ | $\begin{gathered} 20.283 \\ 3.413 \end{gathered}$ |
| $\begin{array}{r} 22,409 \\ 211 \end{array}$ | $\begin{array}{r} 23.321 \\ \hline 290 \end{array}$ | $\begin{array}{r} \hline 23.549 \\ 306 \end{array}$ | $\begin{aligned} & \text { (c) } \\ & \text { (c) } \end{aligned}$ | $\begin{array}{r} 23,696 \\ \hline 583 \end{array}$ |
| 22,620(e) | 23.611(e) | 23.855 | (c) | 24, 279 |

> (a) Including working p ropri etors. (b) See Tables 13 (iv) and 14 .
(c) Oing to the risk of dissciosure of information relating to individual firms in Northern Ireland (d) See Table ${ }^{\text {senarate }}$.
e) Excluding any small firms in Northern Ireland

Analysis by size, 1951
Larger establishments in the United Kingdom
TABLE 4

| $\begin{aligned} & \text { Average } \\ & \text { number } \\ & \text { employed } \end{aligned}$ | $\underset{\text { ments }}{\text { Establish- }}$ | Gross output | Net output | Personsemployed | Remuneration |  |  | Net output per personemployed employed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Operatives | $\begin{gathered} \text { Other } \\ \text { employees } \\ \text { (a) } \end{gathered}$ | Total |  |
|  | No. | \&'000 | £ 000 | No. | \& 000 | $\varepsilon^{\prime} 000$ | $\varepsilon^{\prime} 000$ | £ |
|  | 150 115 | 2.872 5.917 | 1.433 2.315 | ${ }_{2}^{2.631}$ | 663 | 206 | 869 | 545 |
| $25-49$ 50 | 115 50 | 5.917 4.435 | 2.315 1.974 | 3.846 3,517 3,515 | 995 895 | 354 265 265 | 1.348 1.159 1 | 602 561 |
| 100-199 | 23 | 2,845 | 1.637 | 3.245 | ${ }_{773}$ | 245 | 1,018 | 504 |
| ${ }_{300}^{200}$ - ${ }^{299}$ | 11 | 2. 506 | 1.399 | 2.623 | 607 | 153 |  | 533 |
| 300 $=399$ | 3 | 795 |  | 1.047 | 258 | 72 | 330 | 467 |
| 400-749 | 4 | 3. 230 | 1.936 | 2.096 | 578 | 139 | 717 | ${ }_{924}$ |
| Total | 356 | 22. 599 | 11.182 | 19,005 | 4.769 | 1.432 | 6.201 | 588 |

[^0]Analysis by standard region, 1951
Larger establishments in the United Kingdom
TABLE 5

| Hegion | Estab- lish- <br> ments | Gross output | Net output |  | Personsemployed | Remuneration |  |  | Net output per person employed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | value | $\left\lvert\, \begin{gathered} \text { Percen } \left.\begin{array}{c} \text { age of } \\ \text { age of } \\ \text { total } \end{array} \right\rvert\, \end{gathered}\right.$ |  | Operatives | $\begin{aligned} & \text { Other } \\ & \text { employees } \\ & \text { (a) } \end{aligned}$ | Total |  |
| England | No. | £ 000 | £'000 |  | No. | $\varepsilon^{\prime} 000$ | £ $0^{\circ} 00$ | \&.000 | $\varepsilon$ |
|  |  |  |  |  |  |  |  |  |  |
| East and West Ridings | 66 | 5.760 | 3.169 | 28.3 | 6.273 | 1.498 | 333 | 1.831 | 505 |
| North Midland: and Eastern | 3 | 40 | 21 | 0.2 | 83 | 13 | 3 | 16 | 258 |
| London and South Eastern | 97 | 6.777 | 2. 532 | 22.6 | 2.983 | 917 |  | 1.219 | $849$ |
| Sou thern | 7 | 430 | 166 | 1.5 | 280 131 | 95 29 29 | 14 6 | 109 36 | $\begin{aligned} & 594 \\ & 621 \end{aligned}$ |
| South Western | 3 | 120 | ${ }^{81}$ | 0.7 | 131 8.184 | 29 2.022 | 6 722 | 36 2.745 | 621 591 |
| Midland | 167 | 8.773 | 4.835 | 43.2 | 8. 184 | 2.022 | 722 | 2.745 | 591 |
| North Western | 7 | 296 | 157 | 1.4 | 334 | 59 |  |  |  |
| Northem | - | - | - | - |  |  | 1.402 |  |  |
| Total England | 350 | 22.197 | 10.962 | 98.0 | 18,268 | 4.634 | 1.402 | 6.036 | 600 |
| Wales | 3 | 292 | 157 | 1.4 | 504 | 90 | 19 | 109 | 311 |
| Scotland and Northern Ireland | 3 | 110 | 64 | 0.6 | 233 | 45 | 10 | 56 | 273 |
| United Kingdom | 356 | 22.599 | 11,182 | 100.0 | 19.005 | 4.769 | 1.432 | 6. 201 | 588 |

(a) Administrative. technical and clerical employees.

ABLE 6-Analysis according to specialisation within the trade, 1951 Larger establishments in the United Kingdom
No specialisation within this trade was distinguished.

TABLE 7 - Total make of intermediate products: Larger establishments This table is not applicable to the trade.

Sales of the principal products of the trade, including sales of these products by establishments classified to other trades

Larger establishments

| TABLE 8 |
| :--- |


| TABLE 8 (contd.) |
| :--- |

Sales of principal products of the trade by establistments classified to other trades
Larger establishments

| TABLE 9 |
| :--- |

[^1]Sales in the trade of other than principal products

|  | United Kingdom 1951 |  | $\begin{gathered} \text { Great Britain } \\ 1948 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | value | Quantity | value |
|  |  | \&'000 |  | £.000 |
| Cutlery and parts thereof (other tham silversmiths' wares) | . | 243 | . | 163 |
| Cases for jewellery, cutlery, otc. | .. | 91 | .. | 37 |
| Hardware and hollow-ware of metal | .. | 23 | . | 69 |
| Metal smallmares (buttons, buckles, needies,etc.) | . | 53 | . | 79 |
| Other goods |  | 399 | .. | 474 |
| Work done |  | 76 (a) |  |  |
| Total |  | 884 |  | 822 |

(a) Amount charged.

Production, exports and imports of certain principal products (a)
TABLE 11

|  |  | Production (b) (c) | Exports (d) | $\underset{\substack{\text { Retained } \\ \text { imports (e) }}}{\text { enter }}$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  | $£^{\circ} 000$ | $£^{\prime} 000$ | £. 000 |
| Jevellery, gem set or not |  |  |  |  |
| Of gold and/or platinum | [1951 | 2.453 | 421 | 292 |
|  | $\left\{\begin{array}{l}1998 \\ 1937\end{array}\right.$ | 2,802 | 388 5 | ${ }_{38}^{110}$ |
|  | 1951 | 596 | 77 |  |
| Of silver andor silver gilt | $\left\{\begin{array}{l}19348 \\ 1937\end{array}\right.$ | 255 161 | 41 | 10 61 |
| Of other metals | [1951 | 2.212 | 127 | 1.485 |
|  | $\left\{\begin{array}{l}19948 \\ 1937\end{array}\right.$ | 2.365 1.618 | 149 14 | 1227 979 |
|  |  |  |  |  |
| Total jevellery. gem set or not | $\left\{\begin{array}{l}1951 \\ 1948 \\ 48\end{array}\right.$ | 5. 464. 3.689 (f) (f) |  |  |
|  | $\left\{\begin{array}{l}1998 \\ 1937\end{array}\right.$ | 3.689 3.664 (f) f) |  | 1347 1.077 |
| Spoons and farks of electroplate or of metals other than gold. platinum. silver or pewter | [1951 | 3.309 (g) | 1.165 |  |
|  | $\left\{\begin{array}{l}1948 \\ 1937\end{array}\right.$ |  |  | ${ }_{32}^{6}$ |

(a) Figures of production (or sales) $\begin{gathered}\text { refer only to larger establishments in the United Kingdom (1951 and } \\ \text { 1937) or Great Britain (1948). All recorded exports from fand imports into the United Kingdom are }\end{gathered}$ given in the Table. The figures, therefore, are not strictly comparable.
(c) Sales in 1 mind 1948 , and production for saie in
(d) Valued f.obb.



Usage of certain speci fied purchased materials, 1951 Larger establishments in the United Kingdom

TABLE 12

| Materials used | Quantity |
| :--- | :---: |
| Non- ferrous metals in all forms, except finished parts and scrap | Th.cwts. |
| Brass and other copper alloys. including sickel silver but |  |
| excluding all other nickel alloys | 52.1 |
| Copper | 50.1 |
| Nickel and nickel alloys, other than nickel silver | 10.5 |
| Zinc and Zinc alloys | 8.4 |
| Zinc compounds |  |
| Steel wire | 0.1 |

TABLE (i) $^{13}$ Operatives

(ii) Administrative, technical and clerical employees (e)

(continued overleaf

TABLE 13 (contd.)
(iii) Total employees

|  | United Kingdom |  |  | Great Britain |  | United Kingdom |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1951 | 1950 | 1949 | 1949 (c) | 1948 | 1937 | 1935 |
| Males Under 18 All ages | $\begin{array}{r} 576 \\ 9.673 \end{array}$ | $\begin{array}{r} 639 \\ 10.226 \end{array}$ | $\begin{array}{r} 702 \\ 10.497 \end{array}$ | .. | $\begin{array}{r} 697 \\ 11,190 \end{array}$ | 1,386 12.860 | $\begin{array}{r} 1.415 \\ 12.883 \end{array}$ |
| Females Under 18 All ages | $\begin{array}{r} 943 \\ 9.211 \end{array}$ | $\begin{aligned} & 1.082 \\ & 9.885 \end{aligned}$ | $\begin{aligned} & 1.060 \\ & 9.521 \end{aligned}$ | $\because$ | $\begin{aligned} & 1.140 \\ & 8.986 \end{aligned}$ | $\begin{array}{r} 3.338 \\ 12.685 \end{array}$ | $\begin{array}{r} 3.119 \\ 12.704 \end{array}$ |
| Total Under 18 All ages | $\begin{aligned} & 1.519 \\ & 18.884(f) \end{aligned}$ | $\begin{aligned} & 1.721 \\ & 20.111(\mathrm{f}) \end{aligned}$ | $\begin{aligned} & 1.762 \\ & 20.018(f) \end{aligned}$ | .. | $\begin{aligned} & 1.837 \\ & 20.176(\mathrm{f}) \end{aligned}$ | $\begin{array}{r} 4.724 \\ 25.545 \\ \hline \end{array}$ | $\begin{array}{r} 4.534 \\ 25.587 \\ \hline \end{array}$ |

(a) Excluded employees. The following persons were employed at the larger establishments in this trade in


$$
\begin{aligned}
& \text { Canteen workers } \\
& \begin{array}{c}
5 \text { males } \\
\text { Other workers }
\end{array} \\
& \hline 97 \text { Males }
\end{aligned} \quad \begin{gathered}
127 \text { Fenales } \\
83 \\
\text { Oemales }
\end{gathered}
$$

(b) In week ended September 22, 1951, September 30, 1950, and September 24 , 1949 . ${ }^{\text {and }}$ (c) Owing to the risk of di sclosure of information relating to individual firms in Northem Ireland separate
(a) lars for Great Britain comnot be given.
(d) Average for the year.
(e) In week ended September 22, 1951. September 30, 1950, September 24, 1949, September 25, 1948, October $16, ~$ (f) Working proprietors. In addition working proprietors, shown in Table 13 (iv) below, were engaged in
this trade in larger establi shments. The 1937 and 1935 figures include working proprietors.


Average employment
Larger establishments (a)

|  | United Kingdom |  |  | Great Britain |  | United Kingdom |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1951 | 1950 | 1949 | 1949 (b) | 1948 | 1937 | 1935 |
| Operatives <br> Administrative, technical and clerical employees | 16.121 | 17.278 | 17,214 | .. | 17.481 | 21,282 | 21.320 |
|  | 2.793 | 2.802 | 2.801 | .. | 2,695(c) | 4.263(c) | 4. 267 (c) |
| Total | 18.914 | 20,080 | 20.015 | .. | 20.176 | 25.545 25.587 |  |
| (a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory returns see Table 2. <br> (b) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given. <br> (c) In week ended September 25, 1948, October 16, 1937, and October 12, 1935. The 1937 and 1935 figures include working proprietors. <br> Outworkers. In addition to the employees shown above the firms in this trade employed outworkers whose numbers are shown below. |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | United Kingdom |  |  | Great Britain |  | United Kingdom |  |
|  | 1951 | 1950 | 1949 | 1949 | 1948 | 1937 | 1935 |
| Males Females | $\begin{aligned} & 493 \\ & 989 \\ & 98 \end{aligned}$ | $\begin{array}{r} 491 \\ 1,104 \end{array}$ | ${ }_{970}^{427}$ | .. | $\begin{aligned} & 344 \\ & 597 \end{aligned}$ | $\begin{aligned} & 354 \\ & 153 \end{aligned}$ | ${ }_{96}^{377}$ |
|  | 1,482 | 1,595 | . 397 |  | 94 | 507 | 473 |

[^2]TABLE 15 - Shift working, 1951: Larger establishments in Great Britain
Owing to the risk of disclosure of information relating to individucl firms,
Wages and salaries and employers' National Insurance contributions paid during the year Larger establishments

(a) Owing to the risk of disclosure of information relating to individual firms in Northem Ireland separate
(b) Including bonus and commission payments, butex. excluding payments to outworkers shown below.

| United Kingdom |  |  | Great Britain |  |
| :---: | :---: | :---: | :---: | :---: |
| 1951 | 1950 | 1949 | 1949 | 1948 |
| 217 | 177 | 174 | .. | 150 |

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

| TABLE 17 |
| :--- | (19109-1)

Larger establishments
TABLE 18

|  | England | Wales | Sootland (a) | Great Britain | Northern Ireland (a) | United Kingdom |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\varepsilon^{\prime} 000$ | $£^{\prime} 000$ | $£^{\prime} 000$ | £ 000 | £'000 | $£^{\prime} 000$ |
| Gross output (production) | 22. 197 | 292 | 110 | . | . | 22. 599 |
| Cost of materials and fuel used | 10.641 | 134 | 45 | . | . | 10.821 |
| Payment for work done on materials given out | 503 | - | 1 | . | . | 503 |
| Excise duty | 2 | - | - | . | . . | 2 |
| Transport payments | 89 | 1 | - | .. | . | 91 |
| Net output Wages and salaries of persons employed | $\begin{array}{r} 10.962 \\ 6.036 \end{array}$ | $\begin{aligned} & 157 \\ & 109 \end{aligned}$ | $\begin{aligned} & 64 \\ & 56 \end{aligned}$ | .. | .. | $\begin{array}{r} 11.182 \\ 6.201 \end{array}$ |
| Average number of persons employed (b) | $\begin{aligned} & \text { No. } \\ & 18,268 \end{aligned}$ | No. 504 | No. 233 | No. | No. | $\begin{gathered} \text { No. } \\ 19.005 \end{gathered}$ |
| Net output per person employed (b) | $\mathcal{E}_{600}$ | $\underset{311}{\underset{E}{1}}$ | $\begin{aligned} & \underset{273}{£} \end{aligned}$ | £ | $\varepsilon$ | $\begin{aligned} & £ \\ & 588 \end{aligned}$ |
|  | $£^{\prime} 000$ | £. 000 | £. 000 | E. 000 | £. 000 | £.000 |
| Stocks at end of year |  |  |  |  |  |  |
| Products on hand for sale and work in progress <br> Materials and fuel | $\begin{aligned} & 3.046 \\ & 2.730 \end{aligned}$ | $\begin{aligned} & 16 \\ & 30 \end{aligned}$ | 12 2 | .. | $\ldots$ | $\begin{aligned} & 3.074 \\ & 2.763 \end{aligned}$ |
| Number of establishments | No. $350$ | No. 3 | No. 3 | No. | No. | No. 356 |

The values of gross output and af materials and fuel used are derived in the following way:-

| Output of firms in this trade <br> Total value of sales (see Table 20) Changes in stocks and work in progress (see Table 21) <br> Gross output (production) | £. 000 | $¢^{\prime} 000$ | $£^{\prime} 000$ | £'000 | $£^{\prime} 000$ | $£^{\prime} 000$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 22.043 | 291 | 104 | . | . | 22, 437 |
|  | + 154 | + 2 | + 6 | . | . . | + 162 |
|  | 22.197 | 292 | 110 | . | . | 22. 599 |
| Materials and fuel used by firms in this trade |  |  |  |  |  |  |
| Purchases Changes in stocks (see Table 21) | 10.923 $-\quad 282$ | 126 $+\quad 8$ | 46 | $\ldots$ | $\ldots$ | 11.095 $-\quad 274$ |
| Materials and fuel used | 10.641 | 134 | 45 | . | . | 10.821 |

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included wi th those for Sootland.
(b) Excluding outworkers but including working proprietors.

Summary
Small firms in Great Britain (a)
TABLE 19

|  | England | Wales | Scotland | Great <br> Britain |
| :--- | :---: | :---: | :---: | :---: |
| Number of returns | 675 | 7 | 25 | 707 |
| Average number of persons employed (b) <br> Males <br> Females <br> Total |  |  |  |  |

(a) Small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns.
(b) Including working proprietors.
(19109-1)

Sales in the trade
Larger establishments
TABLE 20


|  | England | ad Wales | Scot |  | Great | itain | Northern | reland | United | ngdom |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value |
|  | Th.ozs. tray | \& 000 |  | £ 000 | Th.ozs. troy | £' 000 |  | $£^{\prime} 000$ | $\begin{aligned} & \text { Th.ozs. } \\ & \text { troy } \end{aligned}$ | £. 000 |
| Waste products |  |  |  |  |  |  |  |  |  |  |
| Precious metals | 391.0 | $\begin{array}{r} 247 \\ 63 \end{array}$ | - | - | 391.0 .. | $\begin{array}{r} 247 \\ 63 \end{array}$ | - | - | 391.0 | 247 63 |
| Other | . | 170 | - | - | . . | 170 | - | - | .. | 170 |
| Repair work on customers' goods, including remounting and mounting of loose stones (d) |  | (a) |  | (a) |  | (a) |  | (a) |  | 702 |
| Work done for the trade or on commission (c) Plating or finishing of plated goods |  | 348 |  | - |  | 348 |  | - |  | 348 |
| Cutting of precious stones |  | 18 |  | - |  | 18 |  | - |  | 18 |
| Other work |  | 118 |  | - |  | 118 |  | - |  | 118 |
|  |  | 21.449 |  | 104(b) |  | (a) |  | (b) |  | 21, 553 |
| Other output |  |  |  |  |  |  |  |  |  |  |
| Cutlery and parts thereof (other than silversmiths' wares) |  | 243 | - | - | . . | 243 | - | - | $\cdots$ | 243 |
| Cases for jewellery, cutlery, etc. | . . | 91 |  | - |  | $\begin{aligned} & 91 \\ & 23 \end{aligned}$ |  | - | .. | 23 |
| Hardware and hollow-ware of metal |  |  | - |  | . . |  | - |  | . |  |
| ```Metal smallwares (buttons, buckles. needles, etc.)``` | . | 53 | - | - | .. | 53 | - | - | . | 53 |
| Other goods |  | 399 | - | - |  | 399 | - | - | . | 399 |
| Work done (c) |  | 76 |  | - |  | 76 |  | - |  | 76 |
| Total |  | 22,333 |  | 104(b) |  | (a) |  | (b) |  | 22.437 |

[^3]Stocks of products on hand for sale and work in progress, and stocks of materials and fuel

Larger establishments
TABLE 21
£. 000

|  |  | England and Wales | Scotl and (a) | $\begin{aligned} & \text { Great } \\ & \text { Britain } \end{aligned}$ | Nor therm I-raland (a) | United Kingdom |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Products on hand for sale | $\left\{\begin{array}{l} \text { at beginning of year } \\ \text { at end of year } \end{array}\right.$ | $\begin{aligned} & 1.636 \\ & 1.765 \end{aligned}$ |  | $\begin{aligned} & 1.636 \\ & 1.765 \end{aligned}$ |  | $\begin{aligned} & 1.636 \\ & 1.765 \end{aligned}$ |
| Work in progress | $\left\{\begin{array}{l} \text { at beginning of year } \\ \text { at end of year } \end{array}\right.$ | $\begin{aligned} & 1.270 \\ & 1.297 \end{aligned}$ | $\begin{array}{r} 6 \\ 12 \end{array}$ | . . | $\cdots$ | $\begin{aligned} & 1.276 \\ & 1.309 \end{aligned}$ |
| Total products on hand for sale and work in progress | $\left\{\begin{array}{l}\text { at beginning of year } \\ \text { at end of year }\end{array}\right.$ | $\begin{aligned} & 2.906 \\ & 3.062 \end{aligned}$ | 6 12 | $\cdots$ | $\cdots$ | $\begin{aligned} & 2,912 \\ & 3,074 \end{aligned}$ |
| Materials and fuel | $\left\{\begin{array}{l} \text { at beginning of year } \\ \text { at end of year } \end{array}\right.$ | $\begin{aligned} & 2.487 \\ & 2.761 \end{aligned}$ | $\begin{aligned} & 2 \\ & 2 \end{aligned}$ | $\begin{aligned} & 2.489 \\ & 2.763 \end{aligned}$ | - | $\begin{aligned} & 2.489 \\ & 2.763 \end{aligned}$ |

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for Scotland.

Employment in September
Larger estab1ishments (a) (b)
TABLE 22
(i) Operatives

(a) Excluded employees. The number of persons employed at the larger establishments in this trade but not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchanting and in Northern Ireland canteen and wel fare workers) are shown in Table $22(v)$ below.
(b) Number employed in the week onded September 22. 1951.
(c) Owing. to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannet be given separately and have been included with those for Scotland.
(d) Working proprietors. In addizion working proprietors shown in Table 22 (iv) below, were engaged in this trade in larger establishments.
(19109-1)

TABLE 22 (contd.)

|  | England and Wales | Scotl and | Great Britain | Northerm Ireland | United Kingdom |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Males Females | $\begin{gathered} 83 \\ 8 \end{gathered}$ | : | $\begin{gathered} 83 \\ 8 \end{gathered}$ | . | 838 |
| Total | 91 | - | 91 | - | 91 |
| (v) Excluded employees Number |  |  |  |  |  |
|  | England and Wal es | Scotiond | Great Britain | Nor thern I rel and | Uni ted Kingdom |
| $\begin{aligned} & \text { Canteen workers } \\ & \text { Males } \\ & \text { Females } \end{aligned}$ | $\begin{array}{r} 5 \\ 127 \\ \hline 12) \end{array}$ |  | $5$ | (e) | $\begin{array}{r} 5 \\ 127 \\ \hline \end{array}$ |
| Total | 132 (e) | - | .. | (e) | 132 |
| Other workers Males Females | $\begin{aligned} & 97 \\ & 83 \end{aligned}$ | : | $\begin{aligned} & 97 \\ & 83 \end{aligned}$ | : | $\begin{aligned} & 97 \\ & 83 \end{aligned}$ |
| Total | 180 | - | 180 | - | 180 |
| Total excluded employees | 312 (e) | - | . | (e) | 312 |

(e) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern
Ireland cannot be given separately and have been included with those for England and Wales.

Average employment
Larger establishments (a)
TABLE 23

| Engl and and <br> Wal es | Scotland <br> (b) | Great <br> Britain | Northern <br> Irel and (b) | United <br> Kingdom |
| :---: | :---: | :---: | :---: | :---: |
| 15.910 | 211 | .. | . | 16.121 |
| 2.771 | 22 | . | .. | 2.793 |
| 18.681 | 233 | .. | .. | 18.914 |

Outwrers. In addition to the employees shown above the firms in this trade employed out workers whose
numbers are shown below.

| \%ra | England and | Sootlemd | ${ }_{\text {Gritain }}^{\text {Great }}$ | Northern <br> Ireland | United Kingdom |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Males | 493 | - | 493 | - | 493 |
| Femal es | 989 (c) | - | .. | (c) | 989 |
| Total | 1.482 (c) | - | . | (c) | 1.482 |

Total
(a) For employment in mall firms in Gr
(c) Irland comnot be given separately and have been included with those for scotland.
(c) Owing to the risk of disclosure of information relating to individual firms. particulars for Northerm
Ireland cannot be given separately and have been included with those for England and Wales.

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

|  | $\begin{aligned} & \text { England and } \\ & \text { Wales } \end{aligned}$ | $\operatorname{Som}_{(6)}^{(1)}$ and | $\begin{gathered} \text { Great } \\ \text { Britain } \end{gathered}$ | Northern I rel and (a) | United Kingdom |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Wages and salaries (b) of Operatives Administrative, technical and clerical employees |  | $\begin{aligned} & 45 \\ & 10 \end{aligned}$ | .. | $\cdots$ | 4.769 1.432 |
| Total | 6.145 | 56 | . | . | 6. 201 |
| Employers' contributions to all National Insurance Schemes | 172 | 2 | . | - | 174 |

(a) Owing to the risk of disclosure of information relating to individual firms. particulars for Northerm


| England and <br> Wal es | Scotland | Great <br> Britain | Northern <br> Irela and | United <br> Kingdom |
| :---: | :---: | :---: | :---: | :---: |
| 217 (c) | - | .. | (c) | 217 |

(c) Owing to the risk of disclosure of information relating to
individual firms, particulars for Northern Irelomd cannot be given separately and have been included with those for
England and Wales. England and Wales.

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

| ABLE 25 £'000 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Engl wand and | Scotland | Great Britain | Northern <br> Ireland | United Kingdom |
| Plant, machinery and vehicles Acquisitions <br> Plant and machinery |  |  |  |  |  |
|  |  |  |  |  |  |
| $\xrightarrow{\text { New }}$ Seond-hand | 95 12 | : | ${ }_{12}^{95}$ | : | ${ }_{12}^{96}$ |
| Vehicles |  |  |  |  |  |
| $\stackrel{\text { New }}{\text { Second-hand }}$ | 62 49 | : | 62 49 | : | 62 49 |
| Total acquisitions | 218 | - | 218 | - | 218 |
| Disposal s <br> Plant and machinery <br> Vehicles | ${ }_{32}^{11}$ | = | ${ }_{32}^{11}$ | : | ${ }_{32}^{11}$ |
| Total di sposals | 43 | - | 43 | - | 43 |
| Nem building work Capital expenditure on new building and other constructional work of o capital nature (excluding ins) development charges) | 27 | - | 27 | - | 27 |

(19109-1)

Payments for transport services for finished goods
sold and materials and fuel purchased
Larger establishments

| TABLE 26 |  |  |  |  | £.000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Engl and and | Sootland | $\underbrace{\text { Great }}_{\text {Gritat }}$ | Northern Ireland | United Kingdom |
| Amounts paid to other firms and undertaking | 86 | - | 86 | - | 86 |
| Amount paid or credited to firms own separat transport organisations | 5 | - | 5 | - | 5 |
| Total | 91 | - | 91 | - | 91 |

## replacemen purchased Murch

their own
consumable
replacemen give these at in income tax : values. were instructed Output: Sales means sales during the year of goods
 year or not. For all post-war censuses the value
of sales was the net selling value. that is. the
amount charged to customers. Whether on an ox-
morks ond delivered purchase tax. otc. For goods charged
requis to customers overseas. firms ross output of a give the f.o.b. value. firm ade and other work done during the year. this
neans the value of sales and work done during the ear adjusted for changes in the values of stocks. Net output is the amount left after deducting from the
value to gross output the aggregate of the cost
materials and fuel used and the amount paid for
 given out and, for insi, any transport payments
included in firms returns. This represents the
value added to materials by the process. of production and constitutes the fund from which wages. producrios and constitutes the fund from which wages, salaries
rents. rates and taxes. advertisisin and other selling rents, rates and taxes, advertising and other selling
expenses and all other similar charges have to b

$$
\begin{aligned}
& \text { Customs and Excise Duty paid on materials purchased } \\
& \text { is included in the cost of materials. but where it }
\end{aligned}
$$ is incluaded in the cost of materials. but where it

is especially important separate figures are shown ater reports: Reports will be published late summarising the main census results and giving in
formation about power equipment and fuel consumption Disc losure of informati parred in con formity with The report has been pre
of the Statistics of Trato the provisions
 ight disclose the operations of an individual firn Symbols used:
or negli itible $\qquad$ for "Not availabl
than half the
digit shown). to the nearest final digit. have then remanded of apparent slight discrepancy between the sums of the
constituent items and the totals shown. Tables 1 to 17 show
(or Great Britain).
Tos 18 to 26 practicable, separate de dails for England and Wales. able 6: Specialist producers refer to those estab shments 50 per cent. or more of whose total outpu
by value is accounted for by the groups of products pecified
Table 8 (or 8 (i)) shows the total sales of principal
products of the trade. and includes there fore the sales of these products returned by establishment Whether classified to the trade or. to other trades.
Those produced by establishments in other trades Those produced by est
are shown in Table 9
Table 10 shows the sales by establishments in the
trade of products other than those regarded as rade of products other than those regarded as
principal products of the trade. Table 20 (or $20(\mathrm{i})$ ) shows sales by establishments in
the trade of products. whether princi pal products o not, and brodly the aggreates here are equal to the
corresponding figures in Table 8 (or 8(i)) Mess those
in Table 9. plus those in Table 10 .

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[^0]:    (a) Administrative, technical and clerical employees.

[^1]:    (b) Excluding coinage

[^2]:    (19109-1)

[^3]:    (a) Owing to the risk of disclosure of information relating to individual firms, separate particulars camnot be given
    (b) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for Scotiand.
    (c) Amount charged.

