# The Report on the <br> <br> Census of Production <br> <br> Census of Production <br> $$
\text { for } 1954
$$ 

Volume 5: Industry J
JEWELLER Y H ND PLATE


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



Estimates for the industry as a whole

The following notes describe terms in goneral use
in the tables of the report. More detailled explana
tions of the terms used and a descript tons of the termi used and a description of the scope
and method of taking the census are given in the separ
ate booklet entitled ate booklet entitled The heport on the Census of Pro
duction for 1954 - Introductory Notes ${ }^{\circ}$ (price 18. 6d
net). Industrial Classi fication: Establishments are classif-
ied to industries according to the nature of their out-

 industries. the principal products for a given industry
bining of asinilar nature or commonly associated in pro
duction. The principle of classification no
 industry if its output of the principal producte of that
industry accounted for a qreater proportion of the value
of its output than did its output of the principal proSectin ony other industry
Specialist producers normally comprise those establish-
ments
so per cent. mealue is accounted for by the characteristic products of
the specialist group. Intermediate products: For some industries figures are
given showing the total
of quan itities mode during the year of intermediate products. is e. in productarinich may be
further processed in the estabi ishments in which they
are produced. are produced
 establishents of firns employing on the average more


 Small fi ims ar
ferer persong.
 Gross output (production) is the total, value of goods od by adjusting the value of sales and oork done during
the year for changes in the value of stocks of products
to hand for sale ind
 orials and fuel used, the amount paid for work given out.
and, for 1951 and 1954 any transport

 have to be met, as woil as depreciation and profits. Sales means sties during the year of goods made in the
estabishment covored by the return or made on comisiss.
ion for


 Materials and fuel. The total cost of materials and
fuel purchased Inciudes ari purchases during the yearr
of materials for use in production, and of fuel (includ-
ing oil. gas and alectricity) for all purposes: packing
atericis. including the full cost of returnable case when first inurchased the full cost of returnable case and office materials:
ater charges; materials for repairs to building


 tocks:
 Customs and Excise Duty paid on materials purchased is
no rmally included in the cost of materials. Finishe normally included in the cost of materials. Finished
goods are similarly valued as heoy were sold. dutypaid
orduty free goods are similarly valued as they were sold, duty-paid
ort duty-free. The net amount or any duty paid is de-
ducted in arriving at net output. ducted in arriving at net outpu

 es and persons ongaged in merchanting or any other ac-
iivity not covered by firm's return. hho are shown
searater oparately as excluded employees. Employees are per-
ons on the payy-rol (i..... persons whos National In surance cards were hel li by employers). whether employe
full-time or part-time.
Morking proprietors are proprietors of businesses other
than limited companies, toget ther with members of the ir

 paid by fee onty) are also included.
dministrative, tectnical and clerical enployees include
irrectors. other than those paid by fee only (except in
 foremen, research, experimental, development, technical
and design employese (other than operatives):
draugh ts men and tracers: travellers: and office (including
orks office) employees. Operatives include all other classes.
broady spoaking. all manual workers. of employees, i.e. Outworkers are persons employed by the firm who work on
naterials supplied by the firm in their own homes. Wages and salaries include all overtime paymonts, bonus.
es and comiss ions vithout any deductions for income taz es and comissions nithout any deductions for income tax
insurances. contributory pensions etc. They exclude Capital expenditure includes oxpenditure on neer building
 capital account during the year. including any transport
and installation costs involved. It includes expendi-
 had not be gun production be fore the end of the year
(which has not previlously been included in the Census of Production reports for individual industries
Symbols used.
Symbols used
for not avallable
for nill or negligible (less than half the final
digit shown).
 cies betweon the sume of constituent items and the tot-
als shown. In some canes, five
 soparate details might dig
an individual undortaking
table 1

|  | United Kingdom |  |  | $\begin{aligned} & \text { Scotland } \\ & 1954 \end{aligned}$ | ${ }_{\text {Wales }}^{1954}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1948 | 1951 | 1954 |  |  |
|  | £million | £ million | £ million | Emillion | £ million |
| Gross output (production) | 23.6 | 26.9 | 28.1 | 0.20 | 0.40 |
| Net output | 12.2 | 13.3 | 14.6 | 0.15 | 0.22 |
| Total stocks and work in progress At beginning of year Change during year | 5.3 $+\quad 0.6$ | $\begin{array}{r}6.4 \\ +\quad 0.5 \\ \hline\end{array}$ | 6.5 $+\quad 0.9$ | - $\begin{array}{r}0.05 \\ -0.02\end{array}$ | + $\begin{array}{r}0.05 \\ 0.01\end{array}$ |
| Capital expenditure less disposals (a) | 0.3 | 0.2 | 0.3 | - | 0.03 |
| Wages and salaries | 7.3 | 7.4 | 8.3 | 0.10 | 0.16 |
| Total employment (including | Thousands | Thousands | Thousands | Thousands | Thousands |
| -orking proprietors) | 24.4 | 22.6 | 22.4 | 0.29 | 0.66 |

Summary of returns received

| TABLE 2 |
| :--- |



$$
\begin{aligned}
& \text { Number of returns } \\
& \text { Total employment. including working proprietors }
\end{aligned}
$$

$$
\begin{aligned}
& \text { (a) For the year } 1948 \text { gross output excludes payments for trans } \\
& \text { For ubsequent yacros goss output include payents to } \\
& \text { separate transport organisations for transport services. }
\end{aligned}
$$

(c) Payments to other firms and undertaking and to firms onn separate transport organisations, For the
year 1948 payments cover only transport outwards of finished goods sold. For subequent,
cover payments for transport of both finished goods sold and materials and fuel purchased.
(d) Number in week onder September
(e) Execluding outworkers and including vorking proprietors.
(f) Excluding expenditure for establishments not yet in production.
(g) Excluding Northern Ireland. No information about small firms was collected in Northern Ireland for
1951.

Analysis by size, 195
Larger establishments in the United Kingdom

| Average number employed ( $a$ ) | Establish. ments | $\begin{aligned} & \text { Gross } \\ & \text { output } \end{aligned}$ | $\begin{gathered} \text { Net } \\ \text { output } \end{gathered}$ | Employees |  | wages and salaries |  | Capitalexpenditure(b) | $\|$Net output <br> per person <br> employed <br> (a) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Operatives | Others | Operatives | Others |  |  |
|  | Number | £. 000 | ع ${ }^{0} 000$ | Number | Number | £.000 | £. 000 | £. 000 | $\varepsilon$ |
| 11-24 | 122 | 3.024 | 1.602 | 1.711 | 392 | 635 | 206 | 45 | 746 |
| 25-49 | 117 | 6.352 | 2,867 | 3.225 | 685 | 1.170 | 403 | 67 | 727 |
| 50-99 | 57 | 4.801 | 2.383 | 3,369 | 599 | 1.107 | 343 | 65 | 600 |
| 100-199 | 22 | 2,949 | 1.652 | 2,554 | 427 | 858 | 259 | 41 | 553 |
| 200-299 | 12 | 2.702 | 1.428 | 2.359 | 312 | 692 | 163 | 54 | 534 |
| 300-749 (c) | 7 | 3,509 | 2.203 | 2.489 | 414 | 816 | 217 | 63 | 759 |
| Total | 337 | 23.337 | 12,135 | 15.707 | 2.829 | 5.279 | 1,591 | 335 | 652 |

(a) Exclinding outworkers and including working proprietors
(b) Capital expenditure on nev building vork and on acquis ition of plant, machinery and vehicles (b) Capital expenditure on new building work and on acquisition of plant,
(c) Including expenditure for establishents not yet in production. (bures relating to the hoyal Mint (see Table 2, Note (b)).

TABLE 4 '- Analysis according to specialisation within the industry, 1954
Larger establishments in the United Kingdom
No specialisation within this industry was distinguished
Sales of the principal products of the industry, including sales of these products by establishments classified to other industries

Larger establishments in the United Kingdon
TABLE 5


5 16
JEWELLERY and plate

|  | 1951 |  | 1954 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity | value | Puan $\mathrm{s}_{\text {ty }}$ | Value | Entries |
| Stampings, findings and other semi-processed goods <br> Of precious metals |  |  |  |  |  |
| Gold | 131.3 | 1.684 | ${ }^{6.9}$ | 54 360 | 37 |
| Silver and/or plation | - 39.1 | ${ }^{28}$ | 63.1 | 33 27 | 3 12 |
| Of other metals | Th.gross |  | Th.gross |  |  |
| Blanks for spoons or forks | \{ $\begin{gathered}176.6 \\ \\ \end{gathered}$ | ${ }_{93}^{486}$ | 188.4 | 548 128 | 315 |
|  |  |  |  |  |  |
| In cupro-nicke 1 In bronze and nickel brass |  | 715 | .. | 1.329 | . |
|  |  | 453 |  | 107 | .. |
| Other and unclassified | .. | 749 | 10 | ${ }^{331}$ |  |
| Imitation pearls and imitation pearl products (necklets ear-rings etc.) (c) |  |  |  |  |  |
| Imitation or fashion jewellery (other than imitation pearls or articles made with imitation pearls) (c) | - | 22 | .. | 180 2.516 | 35 |
|  |  |  |  |  |  |
| Precious metalsOther | 391.0 | 247 63 | 308.1 | 145 218 | 105 |
|  | .. | 185 | .. | 129 | 91 |
| Total goods and waste products |  | 23,333 |  | 22,805 | .. |
| Repair work on customers' goods including remounting |  |  |  |  |  |
|  |  |  |  |  |  |
| Plating or finishing of plated goods Cutting of precious stones |  | 575 |  | 662 | 51 |
|  |  | 18 |  | , | .. |
| Total work done |  | 125 |  | 108 | 18 |
|  |  | 1.420 |  | 1.422 | .. |
|  |  | 24,753 |  | 24,228 | .. |
| Sales in other industries (see Table 6) Principal products of this industry sold by establishments in the industry |  | 3.200 |  | 2.115 |  |
|  |  | 21,553 |  | 22,113 | 326 |
| (a) Silversmiths wares. For output by other firms see the Cutlery Industry (Volume 5. Industry B). and Sheet Metal Industries (Volume 5. Industry E) and the Plastic Goods and Fancy Articles Industry (Volume 11. Industry I) <br> (c) So far as recorded separately <br> d) Amount charged |  |  |  |  |  |
|  |  |  |  |  |  |

Purchases of materials and fue1, 1954: Larger establishments in the United Kingdom

| TARIE 9 |
| :--- |

(59475)

TABLE 10

| 1951 | 1954 |
| :---: | :---: |
| Number | Number |
| $\underset{\substack{16.121 \\ 2.793}}{ }$ | $\begin{array}{r} 15.707 \\ 2.829 \end{array}$ |
| 18.914 | 18,536 |
| $\varepsilon^{\prime} 000$ | ${ }^{\text {c }} 0000$ |
| $\begin{array}{r} 4.769 \\ 1.432 \\ \hline \end{array}$ | $\begin{array}{r} 5.279 \\ 1.591 \\ \hline \end{array}$ |
| 6,201 | 6.869 |
| $\varepsilon$ | $\varepsilon$ |
| ${ }_{513}^{296}$ |  |
| . . . | $\begin{array}{r} 28 \\ \text { Number } \\ 1.288 \\ 8.000 \\ 8 . \end{array}$ |

Pension, etc. payments to former employees and dependents (b)
${ }^{\varepsilon} \cdot{ }_{15}$


|  | United Kingdom |  |
| :---: | :---: | :---: |
|  | 1951 | 1954 |
| Canteen workers | Number | Number |
| Males <br> Females | ${ }_{127}^{5}$ | $\begin{array}{r} 88 \\ 10{ }^{8} \end{array}$ |
| Total | 132 | 112 |
| Other workers Males Females | ${ }_{83}^{97}$ | 114 64 |
| Total | 180 | 178 |
| Total exc hided employees | 312 | 290 |
| Outworkers | 1.482 | 2.171 |
| Payments to outworkers | ${ }^{\text {¢ }}$ 217 ${ }_{21}$ | ${ }^{\text {¢ }} 0 \times 00$ |

(b) The figures given relate to larger establishments in Great Britain only


LIST OF INDUSTRY REPORTS


## Crown copyright reserved

Printed and published by Her Majesty's Stationery Office

To be purchased from York House, Kingsway, London w.c. 2 423 Oxford Street, London w.i 13A Castle Street, Edinburgh 2 109 St Mary Street, Cardiff
39 King Street, Manchester 2
Tower Lane, Bristol I
2 Edmund Street, Birmingham 3
80 Chichester Street, Belfast
or through any bookseller

## Printed in Great Britain

