## The Report on the

## Census of Production

$$
\text { for } 1954
$$

## Volume 7: Industry B



Presented by the Board of Tradeindo elyliament in pursuance of the Statistics of Trade Act, 1947 ( 10 \& 11 Geo. 6 Ch. 39, Sec. 7)

The Report on the Census of Production for 1954

VOLUME 7 INDUSTRY B

FLOCK AND RAC

THIS REPORT on the Flock and Rag Industry relates to establishments engaged wholly or mainly in the manufacture of flocks for bedding and upholstery, and the sorting, cleaming, etc. of textile waste and rags.

This industry corresponds to minimum list heading $129(2)$ in the Standard Industrial Classification.

| LIST of tables |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Table No. | Title | Page | Table No. | Title | Page |
| 1 | Industry summary: estimates for the industry as a whole | 7/B/3 | 6 | Sales of principal products of the industry by establishments classsified to other industries | 7/B/5 |
| 2 | Summary of returns received | 7/B/3 | 7 | Sales in the industry of other than principal products | 7/B/6 |
|  | sis by size, 195 |  |  |  |  |
| 3 | Analysis according to specialisation within the industry, 1954 | 7/8/4 | 8 | Total make of intermedia products | Does not apply |
| 4 |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  | 9 | Purchases of materials and fuel, 1954 | 7/B/6 |
| 5 | Sales of principal products of the industry, including establishments classifiedto other industries | 7/B/5 | 10 | Average number of employees and wages, salaries and superamnuation payments | 7/B/7 |
|  |  |  | 11 | Employment in a specified week | 7/B/7 |

IMPORTANT NOTES and definitions appear on the next page. In interpreting the data in the tables, it is essential to bear these in mind.

The following notes describe terms in general use
Mn the tetale of the report. tions of the terms used and a description of the scope
and method of taking the censua are given in the separ-
 Industrial Classification: Establishments are classiff
ied to industries according to the nature of their out-
 Sutandad Induar trial Classification. Certain products
are identified as the principal products of individual are identified as the principal products of individual
industries. the principal products foc a given industry
being of asimilar nature or commont associated in poo
 duction. The principle of classification normally
followed is that an establishment is classified to an
industry if its output of the principal products of that industry if its output of the principal products of that
industry accounted for a queater proportion of the value
of its output than did its output of the principal proindustry accounted or a qreater proportion of the value
of its output than did it itput of the principal pro-
ducts of any other industry. Specialist producers normally comprise those establish-
ments 50 per cent. or more of whose total outut by value is accounted for by the characteristic products of
the specialist group. Intermediate products: For some industries figures are
given shoming the total
gquan itites made during the yar of intermediate products, i.e.i. products which may be
further processed in the estabis re produced.
Larger establishments:
port relates mainly to in formation given in the re-


 other ancillary places of business situated apart from
the proucing works are not regarded as aparate estab-
lishments and are included in the return for the works. Small 11 firms
fever persons
,
The estimates for the industry as a whole given in Thems shown in the same proportion as total employment. Gross output (production) is the total value of goods
made and other work done during the year: it is obtained by adjusting the value of sales and work one during
the year for changes in the value of stocks of products the year for changes in the value of
on hand for sale and work in progress.
Net output is the amount left after deducting from the
value of gross output the aggregate of the cost of mat value of gross output the aggregate of the cost of mat
erinals and fuel used. the mount paid for work
and and. for 1951 and 1954 , any transport payments made
This represents the value added to materials by the pro This represents the value added to materials by the pro-
cese of production, and constitutes the fund fom which
nages. saliaries, rents; rates and taxes, advertising and nather selling, expenses and all other similar charges
other se be met. as well as depreciation and profits.
have to ber Sales means sales during the year of goods made in the
establishment covered by the yeturn or made on commission for it, whether produced in the gear or not. The
value of sales is the net selling value, i. the
amount charged to customers. Whether on an ex-vorks or

 Materials and fuel: The total cost of materials and
fuel purchased includes all purchases during the year
of materials for use in production, and of fuel (includ-
ing oil. gas and electricity) for all purposes: packing when firs incurchased: workshop and office materinals:
water charges: materials for repairs to buildings.

 Purchases of goods for merchanting are excluded. The
oost of materials and fuel used, given in Table 2. is btained by adjusting purchases for changes during the Stods: Firms were required to give stocks of materials
and fuel. productson hand for sale. and work in pro-
gress, at income tax values. Customs and Excise Duty paid on materials purchased is goods are included in the cost of materials. Finished valued as they were sold. duty-paid
ord dut or duty-free. The net amount of any duty paid is deEmployment: Total employment includes working proprietand operatives, but excludes outworkers, canteen employees ond porsonn engaged in merchanting, or any other ac-
tivity not covered by ofirm's return. Tho are shown separately as excluded employees. Employees are persons on the pay-roll (i.e. persons whose National In-
surance cards were held by employers). Whe ther employed
full-time or part Working proprietors are proprietors of businesses other than ilimited companies. together with members of their
cmilies who worked in the business without receiving
ixed ixed wages or salaries. Any persons working less than
half the normal hours are excluded. For Northern
her Ireland directors of limited companies (other than those
paid by fee only) are also included.
Administrative, technical and clerical
directors other than those pad by fee only ones include
(except in
Northern Ireland): managers. superintendents Northern Ireland): managers. superintendents and works
foremen: research, experimental, devel opment. technical
 men and tracers; tra
works office) employee
Operatives include all other classes of employees, i.e..
broadly speaking, all manual workers.
Outworkers are persons employed by the firm who work on
materials supplied by the firm in their own homes. Hages and salaries include all overtime payments, bonus
es and comissions without any deductions for incone tax
for es and commissions without any deductions for income tax,
insurances. Contributory pens ions etc. They exclude
nayments to morking proprietors. Capital expenditure includes expenditure on new building
work. and on plant, machinery and vehicles. charged to capital account during the year. including any transport
and installation cost tinvolved. It includes expendiand installation costs involved. It includes expendi
ture in respect of estahishments in Great Britan which
had not begun production he fore the end of the year
 Production re
Symbols used:
for not available
for nil or negligible (less than half the final
digit shown).
Where figures are rounded, e.g.. given to the near-
$\varepsilon$ thousand. there may be apparent $s$ sight discrepanest $\varepsilon$ thousand, there may be apparent slight discrepan-
cies between' the sums of constituent items and the to als shown. In some cases, figures have been combined
ith others of a similar nature where publication of an individual undertaking.

|  | United Kingdom |  |  | $\begin{aligned} & \text { Scotland } \\ & 1954 \end{aligned}$ | $\begin{gathered} \text { Wales } \\ 19.9)^{2} \\ (9)^{2} \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1948 | 1951 | 1954 |  |  |
|  | E million | £ million | £ million | £ million | ¢ million |
| Gross output (production) | 22.4 | 51.0 | 38.2 | 0.79 | .. |
| Net output | 5.3 | 8.9 | 7.5 | 0.21 | .. |
| Total stocks and work in progress At beginning of year Change during year | $\begin{array}{r} 2.5 \\ -\quad 0.1 \end{array}$ | 4.4 $-\quad 0.4$ | 4.1 $+\quad 0.2$ | 0.06 | .. |
| Capital expenditure less disposals (b) | 0.3 | 0.7 | 0.5 | 0.01 | .. |
| Wages and salaries | 2.4 | 3.4 | 3.8 | 0.11 | .. |
| Total employment (including | Thousands | Thousands $10.3$ | Thousands 10.4 | Thousands | Thousands |

(a) Owing to the risk of disclosure of information relating to individual firms. particulars for wales cannot
be given separately.
(b) Capital expenditure on new building work, plant, machinery and vehicles (including (except in 1948) that Capitar expenditure on new building mork, plant, machinery and vehicles (including (except in 1948) that
incured in Great Britain for establi shments not yet in production). less amounts received for plant. machinery and vehicles disposed of.

Summary of returns received
TABLE 2

(a) For the year 1948 gross out tput excludes payments for transport services outwrards on finished goods sol
For subsequent years gross output includes payments to other firms and undertakings and to firms
separate transport organisations for transport services.
(b) Payments to ther firms and undertaking and to firms own searate transport organisations. For the
year 1948 payments cover onnly transport outwards of finished goods sold for for subsequent years they


(d) Excluding outworkers and including working proprietors.
(e) Excluding expendi ture for establishments not yet in production.
(f) Excluding Northern Ireland. No information about small firms was collected in Northern Ireland
(f) Excluding $\begin{aligned} & \text { for } 1951 \text {. } \\ & (83289)\end{aligned}$

Larger establishments in the United Kingdom
Larger establishments in the United Kingdo

| Average number employed (a) | Estab-lishments | Grossoutput | ( $\begin{gathered}\text { Net } \\ \text { output }\end{gathered}$ | Employees |  | Wages and salaries |  | $\begin{aligned} & \text { Capital } \\ & \text { expenditure } \\ & \text { (b) } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Qperatives | Others | Operatives | Others |  |  |
|  | Number | $\varepsilon^{\prime} 000$ | £. 000 | Number | Number | £. 000 | £. 000 | \& 000 | £ |
| 11 25 ${ }^{24}$ | 95 <br> 65 | ${ }_{8}^{6.261} 8$ | 1.213 1.586 | 1.451 | 268 | 436 | 183 | 94 | ${ }_{7} 994$ |
| $25-49$ 50 | $\begin{array}{r}65 \\ 26 \\ \hline\end{array}$ | 8.839 <br> 8.192 | 1.586 1.481 | 1.914 1.554 | ${ }_{274}^{301}$ | 575 466 | ${ }_{204}^{207}$ | 104 106 | 712 809 |
| 100 and over | 19 | 7.678 | 1.811 | 2,182 | ${ }_{452}$ | 707 | ${ }_{265}$ | 161 | 887 <br> 68 |
| To tal | 205 | 30,970 | 6.090 | 7.101 | 1.295 | 2.184 | 860 | 465 | 721 |



Analysis according to specialisation within the industry, 1954
Larger establishments in the United Kingdo

|  | Unit | Specialist producers of |  |  |  |  |  |  | $\begin{gathered} \text { Re- } \\ \text { main- } \\ \text { miner } \\ \text { of the } \\ \text { indus- } \\ \text { try } \end{gathered}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Flock | $\begin{gathered} \text { Cotton } \\ \text { felt } \end{gathered}$ | Linen and cotton rags sorted. sleaned, cleane. etc. |  | $\begin{array}{\|l\|} \text { Cot ton } \\ \text { sas te } \\ \text { sorted. } \\ \text { cleaned, } \end{array}$ | Wool sorste sorted, cleaned. | $\begin{gathered} \text { Other } \\ \text { textile } \\ \text { was te } \end{gathered}$ |  |  |
| Number of establishments Total value of sales | No. | 23 | 8 | 31 | 63 | 29 | 14 | 13 | 24 | 205 |
| and work done | £. 000 | 1.780 | 1.839 | 3,558 | 9,580 | 6.232 | 4.104 | 1,711 | 2,137 | 30,942 |
| Sales of characteristic products | .. | 1.548 | 1.104 | 2.936 | 7.588 | 5,600 | 3.695 | 1,165 |  |  |
| Products on <br> hand for fat beginning <br> sale and of year | . | 28 | ${ }^{21}$ | 156 | 804 | 160 | 362 | 1.165 92 | 134 | 1.758 |
|  | " | + 9 | - 3 | + 19 | + 106 | - 20 | - 40 | - 10 | - 32 | + 29 |
| Gross output (production) | " | 1.789 | 1.837 | 3,577 | 9,685 | 6.212 | 4.064 | 1.702 | 2.105 | 30,970 |
| Purchases of materials and fuel | " | 1.124 | 1,377 | 2.618 | 7.923 | 5.209 | 3,529 | 1.171 | 1.318 | 24.268 |
|  | $\cdots$ | 12 | 144 | 118 | 309 | 378 | 251 | 228 | 77 | 1.573 |
| Cost of materials and | . | 12 |  | 31 |  | - 47 | 20 | + 16 |  | + 121 |
| fuel used ${ }_{\text {cher }}^{\text {Payment for mork done on }}$ | " | 1.112 | 1.374 | 2.586 | 7.836 | 5.256 | 3,509 | 1.154 | 1.320 | 24.147 |
| materials given out Payment for transport | ". | 2 36 5 | 31 | $\begin{array}{r}83 \\ 80 \\ 807 \\ \hline\end{array}$ | 80 125 | 15 118 | 67 21 | $\begin{array}{r}10 \\ 25 \\ \hline 15\end{array}$ | 9 31 745 |  |
| Net output |  | 639 | 431 | 827 | 1.645 | 823 | 467 | 513 | 745 | 6.090 |
| $\begin{gathered} \text { Average } \\ \text { number of } \\ \text { employees } \end{gathered}\left\{\begin{array}{l} \text { operatives } \\ \text { others } \end{array}\right.$ | $\stackrel{\text { No. }}{ }$ | 649 100 | 473 <br> 128 | 974 228 | 1,995 | ${ }_{\text {1. }}^{13} \mathbf{2 4 3}$ | 351 74 | 646 72 | 876 152 | 7.101 1.295 |
| Total employment (a) Net output per person | \% | 751 | 601 | 1.210 | 2,315 | 1.384 | 428 | 722 | 1.035 | 8.446 |
| employed (a) | $\varepsilon$ | 851 | 718 | 684 | 711 | 595 | 1.091 | 710 | 720 | 721 |
| $\begin{gathered} \text { Wages and } \\ \text { salaries } \end{gathered}\left\{\begin{array}{l} \text { of operatives } \\ \text { of others } \end{array}\right.$ | £'000 | 258 74 | 195 79 | $\begin{aligned} & 260 \\ & 143 \end{aligned}$ | $\begin{aligned} & 558 \\ & 198 \end{aligned}$ | $\begin{aligned} & 346 \\ & 145 \end{aligned}$ | ${ }_{69}^{101}$ | 207 51 | 259 100 | 2.184 860 |
| Capital expenditure New building work (b) | " | 15 | 8 | , | 26 | 15 |  | 6 | 25 | 97 |
| $\underset{\text { Plant and }}{\text { machinery }}\left\{\begin{array}{l}\text { acquisitions } \\ \text { (b) } \\ \text { disposals }\end{array}\right.$ | ". | 21 1 | 49 1 | 15 | ${ }_{2}^{21}$ | $\begin{array}{r}32 \\ 1 \\ \hline\end{array}$ | 4 | 30 | ${ }^{31}$ | 203 7 |
| Vehicles $\left\{\begin{array}{l}\text { acquisitions } \\ \text { (b) } \\ \text { disposals }\end{array}\right.$ | ." | $\begin{array}{r}10 \\ 2 \\ \hline\end{array}$ | $\begin{array}{r}22 \\ 5 \\ \hline\end{array}$ | $\begin{aligned} & 35 \\ & 11 \\ & \hline \end{aligned}$ | $\begin{aligned} & 58 \\ & 20 \end{aligned}$ | $\begin{aligned} & 21 \\ & 11 \end{aligned}$ | ${ }_{2}^{6}$ | 5 1 | 8 <br> 3 | 165 54 |

[^0]| TAbLe 7 | 1954 |  |
| :---: | :---: | :---: |
|  | Quantity | Value |
|  | Th. tons | $\chi^{\prime} 000$ |
| Manu factured cleaning waste | $2.8$ | 298 |
| Recovered wool (shoddy, mungo or other pulled waste) | 4.4 | ${ }^{986}$ |
|  | Th.sq.yds. |  |
| Upholstery padding of hair or fibre on a hessian base | . | 398 |
| Bedding and soft furnishings | Th.doz. |  |
| Quilts and cushions | 4.5 | 52 |
| Coir manu factures other than yarn, mats and cordage | .. | 265 |
| Other goods | . | 738 |
| Total |  | 2.838 |

TABLE 8 - Total make of intermediate products
Larger establishments in the United Kingdom
This table is not applicable to the industry.

Purchases of materials and fuel, 1954

| TABIE 9 Larger establishments in the United Kingdom |
| :--- |

TABLE 10
Average number of employees, and wages, salaries
and superannuation payents and superannuation payments (a)
Larger establishments in the United Kingdom

|  | 1951 | 1954 |
| :---: | :---: | :---: |
|  | Number | Number |
| Average number of employees |  |  |
| ( Operatives $\begin{aligned} & \text { Administrative, technical and clerical employees }\end{aligned}$ | $\begin{aligned} & 7.098 \\ & 1.196 \end{aligned}$ | 7.101 1.295 |
| Total | 8.294 | 8.396 |
| Wages and salaries paid to Operativez <br> Administrative, technical and clerical employees Total | $\varepsilon^{\prime} 000$ | ¢. 000 |
|  | 1.9899 | 2.184 |
|  | 2.784 | 3.043 |
| Wages and salaries per head | $\varepsilon$ | $\varepsilon$ |
| Operatives $\begin{aligned} & \text { Administrative, technical and clerical employees }\end{aligned}$ | 280 665 | 308 664 |
| Superannuation and other pension funds for employees and dependents (b) |  |  |
| Employers ${ }^{\text {c }}$ contributions | .. | 38 |
| Employees covered | .. | $\begin{gathered} \text { Number } \\ 866 \end{gathered}$ $£^{\prime} 000$ |
| Pension, etc. payments to former employees and dependents (b) | .. | 8 |

(a) The following persons not included above, were also employed by larger establishments in this industry

|  | 1951 | 1954 |
| :---: | :---: | :---: |
| Canteen workers | Number | Number |
| Males | 1 | 78 |
| Females | 72 | 78 |
| Total | 73 | 79 |
| Other morkers |  |  |
| Males Females | $\begin{aligned} & 213 \\ & 116 \end{aligned}$ | ${ }_{21}^{82}$ |
| Total | 329 | 103 |
| Total excluded employees | 402 | 182 |

Outworkers. No outworkers were recorded for 1951 nor for 1954 .
(b) The figures given relate to larger establishments in Great Britain only.

Employment in a specified week (a)
Larger establishments in the United Kingdom

| TABLE 11 |  |  |  | Numbe |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1951 |  |  | 1954 |  |  |
|  | Males | Females | Total | Males | Females | Total |
| Working proprietors | 56 | 1 | 57 | 49 | 1 | 50 |
| Operatives | 3.426 | 3.380 | 6,806 | 3.654 | 3.711 | 7.365 |
| Administrative, technical and clerical employees | 768 | 423 | 1.191 | 809 | 474 | 1.283 |
| Total employees | 4.194 | 3.803 | 7.997 | 4.463 | 4.185 | 8.648 |

(a) Week ended Septerber 22, 1991, or act
volume


M. Aadio and Telecomuni cations
N. Batteries and Acuumula tors
O. Electric Lich ting Accessories and
A.
B.
B.
C.
D.
E.
F.
G.
H.
I.
I.
K.
K.
L. C. Chain. Nail. Scrov and
Miscellaneous Forgings
D. Wire Ilane


н.
R.
I.
J.
K.
L.

Scientific. Surgical and
Potograph hic Ins truments, etc
Hatch and C Clock

volume 6
A. Cotton Spinning and Doubling
B. Cotton Wearing
C.
C. Moollen and Wors ted
D. Racon. Nylon, otc. Production
E. Rayon. Ny Ion, etc. Woaving, and
E. Rayon, Nylon, etc. Weal
Silk
Frocessing
G. Linen and Soft Hemp
F. Flax Processing
G. Linen and Soft Hem
H.

S. Hosier
J. Llace
L. Carpet
M. Narrom
L. Carpets
N. Narrow Fabrics
N. Canvas Goods and
N. Can vas Goods and Sacks
O. Textile Converting
O. Wrde-u Hent
p. Nexte-up Houserting Textiles
Q. Textile Finishing
B. Textile Packing

$$
\text { vowme } 7
$$

A. Asbestos

C. Hair. Fibre and Kindred
Industries
D. Leather (Tanning and Dressing)
D. Loather Tann
E. Fellon lor r
F.
Leather Goods
E. Fellimo
F. Leathe
G. Fur
H. Tailor
G. Lur ther Goods
G. Fur
H. Tiorinq, Dres saking, etc.
I. Hats, Caps and Millinery
I. Hats, Caps and Millinery
J. G1ove
K. Umbee 11 and andiking Stick
L. Boot and Shoe
vowne 8
A. Grain Milling
B. Bread and Flour Confectionery

勆. Bacon Curing and Sausage
voume 8 (contd.)
E. Proserved Moat
E. Proserved Wo
F. Mik Producta
G. Ice Cream
G. ILe Cream
H. Sugar and Gucose
I. Cocoa, Chocolate and Sugar Con fectionery and Vegetables
J. Preserved Fruit and

## voume 9

A. Margarine
C. Fint Curing
D. Vind Poultry Foods
Vinegar and Other Condiments Vinegar
Starch
Tie

Whilesale Botlling
S. Spirit Distilling

Compounding
L. $\begin{gathered}\text { Difing } \\ \text { and Cider }\end{gathered}$
. British Wines
L. Sond Cide
M. Tobacco
volume 10
${ }^{\text {A. . Timber }}$ B. Furnitu
B. Furniture and Upholstery Shop and Office Fitting D. Shop and Office Fitting . Fooden Cont
G. Wartilpaper
H. Corbord Box Carton and
Fibre-board Packing Case

Cardboard Box. Cart ton and
Fibre-bourd Packing Case
Manu factured Stat ionery.

1. Manu factured Stat ionery. Paper
Bag andred Indus tries
J. Ners onder and Per indical
J. Nouspaper and Periodical

Printing and Pubiishing
K. Printing and Publishing,
Bookbind ing. Engraving.
volume 11

Allied Industries
Brushes and Broom
Toys and Ganes
Toss and Games


vowne 12
A. Building and Contracting
B. Local Authorities (Building and
Civil Engineering)

C. Railiways (Civil Engineering
Dramay, Trolley Bus and
D. Tramibay. Trolley Bus
Onni ius Undertakings
and
(Civil Enineer ing)
E. Cand1. Dock nand Harbou
Undertakings (Ciri)
E. Under takings (C)
F. Gas Supply Industry
G. Electricity Supply

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


[^0]:    (a) Excluding outworkers and including working proprietors.
    (b) Excluding expendi ture for establi shments not yet in production

    ## (b)

