

BOARD OF TRADE

## Report on the Census of Production 1963

85
Household textiles and handkerchiefs

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Presented by the Board of Trade to Parliament in pursuance of the Statistics of Trade Act 1947 (10 \& 11 Geo. 6 Cha. 39 Sec. 7)

## Notes

These notes give the main information needed for interpreting the figures in the industry repo
(More detailed information about the Census is given in a separate booklet - Introductory
Notes': Part 1 of the Report on the Census of Notes'. Part 1 of the Report on the Census of

GENERAL INFORMATION
Changes in the 1963 census
There were few changes result ing from amendments only minor changes in the scope of certain industry reports compared with 1958 . Any tain hanges are explained in the introduct ions to the industry re
to the tables.
Industrial Classification
Establishments were classified to industries on the second edition of the Standard Industrial lassification (Consolidated Edition 1963 incorporat ing Amendment 1). Each industry was
basically def ined in terms of its principal products, these being of a similar nature or commonly associated in product ion. Normally,
an establ ishment was classified to an industry an establishment was classified to an industry
if its sales of the principal products of that
induutry industry accounted for a greater proportion of
its total sales than did its sales of the rincipal products of any other industry. ever, where the application of this rule would ave resulted in a change of classificat ion
etween 1958 and 1963 , the establishment was reclassified only if the sales of principal products of the newly predominant industry was
more than one third greater than the sales of more than one third greater than the sales of
principal products of the previously predominant industry. This modification of the greneral
rule was introduced for 1958 gen rule was introduced for 1958 to avoid dis-
continuities which would result from margina changes in sales between successive censuses.
The principle of classification by The principle of classification by major output was also normally followed in compiling
the analysis by sub-divisions of an industry. the analysis by sub-divisions of an industry
In certain industries, classification was dealt with in a different way. Details of any
non-standard treatment are given in the intro-non-standard trearment are given in the in
ductions to the relevant industry reports.

TERMS USED IN THE CENSUS REPORT
Average number employed
Firms were required to state the number of persons on the payroll (i.e. whose Nat ional
Insurance cards were held by them) on the average during the year of return, whether full
$t$ ime or part-time employees. Separate figures $t$ ime or part-time employees. Separate figures
were required for (a) administrative, technical Were required for (a) administrative, technical
and clerical employees and (b) operatives (see and cherical employees and (b) operatives (s
below). Averages could be calculated from
figures figures relating to the last week of each Calendar month; figures shown in respect of the
average number employed relate to the sum of avere
these averages. employed relate to the sum ore
state the number of working also required to state the number of working propr ietors (see
below) where appropriate and these are included in total employment figures. Outworkers are
ind
excluded. ii


The figures include persons engaged in erchanting or factoring and canteen workers here particulars in respect of these activities
could not be excluded from the return.
Working Proprietors
These include all persons regarded as selfemployed for Nat ional Insurance purposes, and
members of their famili ies wo worked in the embers of their families who worked in the business without receiving a fixed wage or
salary; but persons who worked less than half the normal number of working hours are excluded.
For Great Britain, directors working in the For Great Britain, directors working in the
business but not in receipt of a definite wage salary or commission are included under this
heading for 1963 is heading for 1963 , but are excluded for 1958 . For Northern Ireland, directors of 1 imited
companies, other than those paid by fee only, are included for both years. (Directors paid by fee only are not included in any of ther
employment figures for either year.)
Employees
Administrative, technical and clerical employees include managers, super intendents
and works foremen; research, exper imental and
deve lopment, technical and design employees (other than operatives), drauhtsmen and
tracers; editorial staff, staff reporters, Canvassers, compet ition and advertising
staff; travellers: and off ice (including staff; travellers; and office (including
works office) employees. For Great Britain, but not for Nor thern Ireland, they include also managing and other directors in receipt of a definite wage, salary or
(ii) Operative
include all other classes of employees, that is, broadly speaking, all
manual wage earners. They include those manual wage earners. They include th
employed in and about the factory or employed in and
works; operatives employed in power
houses, transport houses, transport work, stores, warehouses
shops and canteens; inspectors, viewers shops and canteens; inspectors, viewers
and similar workers;
maintenance workers; and cleaners. Operat ives engaged in out-
side work of erect side work of erection, fitting, etc. are persons employed by the firm who worked in their own homes, etc. on materials
supplied by the firm) are excluded supplied by the firm) are excluded
Information about Information about the numbers of outworkers
employed was collected only for the gloves
industry.
Capital Expenditure
(i) New building work.

This represents the cost incurred during the year of new building and other new
constructional work (including of fice constructional work (including of fice
buildings, canteens and the like used in connection with the business covered by the
return but not dwelling houses for return but not dwe busing houses for employees). The value is that charged to
capital account during the year of return capital account during the year of return;
it includes expenditure on new buildings or
on on the extension or reconstruct ion of old
buildings, the value of work of a capital buildings, the value of work of a capital
nature carried out by firms' own staff, and ne cost of any newly constructed buildings
the purchased. The figures shown inc lude any legal charges, stamp duties, agents

Notes - continued on pages iii and iv

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Fiis Report on the Household Textiles and Handkerchiefs Industry relates to establishments engaged wholly or mainly in cutting stitching, heming embroidering, etc., quilts, counterpanes, sheets, pillowslips, towels, tablec loths, duchess sets, cleaning and pol ishing cloths, etc., and handkerchiefs and nursery

This industry corresponds to minimum list heading $422(1)$ in the Standard Industrial Classification (Consolidated edition, 1963).
Table 5 Supplement included in this report records the total sales of household extiles, by larger firms, from all sources within the scope of this Census; and Inquiry into the Distributive and Service Trades for 1963.

METHOD OF CLASSIFICATION
In classifying returns to industry the standard procedure was adopted except that those showing sales of made-up household textiles of linen and union cloth as their major output were classified, as in 1958, to the Weaving of Cotton, Linen and Manmade Fibres Industry (Part 77) when made in the making-up department of a weaving establishment. Sales of these products are, however, treated as principal products of this industry in 1963 and shown in Table 5, a change from 1958 when
they were included as principal products of the Weaving of Cotton, Linen, and Man made Fibres Industry.
The classification of returns to the sub-divisions of the industry, shown in Table 2, followed the standard procedure.

In interpreting the data in the tables it is essential to bear in mind the notes and definitions which appear on pages (ii), (iii) and (iv).
list of tables

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| 9 | Purchases of selected principal products of the industry by larger firms, 1963 | $\begin{gathered} \text { DoEs } \\ \text { ADOT } \\ \text { APLLY } \end{gathered}$ |
| 10 | Purchases by larger firms in the industry, 1954 and 1963 | 85/14 |
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TABLE 1 Industry summary: United Kingdom
Estimates for all firms, 1958 and 1963 (a)

|  | Unit | 1958 | 1963 |
| :---: | :---: | :---: | :---: |
| Number of enterprises | No. | 432 | 440 |
| Number of establishments | , | 483 | 492 |
| Gross output | £.000 | 37,636 | 45,749 |
| Net output | . | 11,801 | 14,368 |
| Net output per head | \& | 532 | 679 |
| Sales and work done $\quad\{$ goods produced and work done | £ 000 | 35,932 | 43, 271(b) |
| Serchanted goods and canteen takings |  | 1,368 | 2,306 |
| Purchases $\quad\left\{\begin{array}{l}\text { materials for processing and } \\ \text { packaging, and fuel }\end{array}\right.$ | * | 23,404 | 25,785 |
| goods for merchanting and canteen purchases | * |  | 2,065 |
| Payments to other $\quad\left\{\begin{array}{l}\text { for work done on materials given out }\end{array}\right.$ | . | 1,790 | 3,108 |
| organisations for transport | * | 394 | 474 |
| Stocks and work in progress |  |  |  |
| $\begin{aligned} & \text { Total stocks and work in } \\ & \text { progress } \end{aligned}\left\{\begin{array}{l} \text { change during year } \\ \text { at end of year } \end{array}\right.$ | " | $+\quad 89$ 6,887 | $\begin{array}{r} 223 \\ +\quad 10,133 \end{array}$ |
| Goods on hand for sale $\quad\{$ change during year | . | + 152 | + 189 |
| Goods on hand for sale $\{$ at end of year | - | 3,374 | 4,751 |
| Work in progress $\quad\{$ change during year | , | + 184 | - 17 |
| Work in progress $\quad$ at end of year |  | 827 | 2,467 |
| Materials, stores and fuel $\{$ change during year | - | - 247 | + 51 |
| Materials, stores and fuel $\{$ at end of year |  | 2,686 | 2,914 |
| $\int$ total, including working proprietors | Th. | 22.2 | 21.2 |
| Average number employed $\quad\left\{\begin{array}{l}\text { operatives }\end{array}\right.$ | . | 19.5 | 17.8 |
| other employees (c) |  | 2.5 | 2.8 |
| Wages and salaries $\quad\left\{\begin{array}{l}\text { of operatives }\end{array}\right.$ | \&.000 | 5,599 | 6,043 |
| Wages $\quad$ of other employees (c) |  | 1,448 | 2,073 |
| Employers' contributions to National Insurance and private pension schemes, etc. (d) |  | .. | 553 |
| Capital expenditure (e) |  |  |  |
| Total |  | . | 568 |
| New building work |  | 105 | 169 |
| Land and existing buildings (f) | - | .. | - 19 |
| Plant and machinery (f) |  | 364 | 331 |
| Vehicles (f) |  | 72 | 87 |

[^0]TABLE 2 Analysis of larger firms by sub-divisions within the industry, 1958 and 1963 Firms employing 25 or more persons: United Kingdom (a)

| C\|r|r|r|r|r|r|r |
| :--- |

TABLE 3 Analysis of larger firms by size of enterprise within the industry, 1963 i) Output, employment, capital expenditure and stocks Firms employing 25 or more persons: United Kingdom

| Average number employed by the enterpr ise in the industry (a) | Enter- prises | $\begin{aligned} & \text { Estab- } \\ & \text { lish- } \end{aligned}$ ments | Average employed (a) | Gross output | $\begin{gathered} \text { Net } \\ \text { Nutput } \end{gathered}$ | Net output per head | Capital ture (b) | $\begin{gathered} \text { Total } \\ \text { ralue of } \\ \text { stocks and } \\ \text { pork in } \\ \text { progress at } \\ \text { end of year } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Number | Number | $\varepsilon^{\prime} 000$ | \&'000 | $\varepsilon$ | \&'000 | £'000 |
| 25-49 | 62 | 64 | 2,276 | 4,917 | 1.699 | 746 | 72 | 809 |
| 50-99 | 69 | 76 | 4,810 | 8,976 | 2,962 | 616 | 140 | 1,949 |
| 100-199 | 33 | 44 | 4,562 | 7.695 | 3,219 | 706 | 121 | 1,500 |
| 200-299 | 10 | 13 | 2,327 | 5,292 | 1,464 | 629 | 94 | 1,400 |
| 300-399 | 4 | 8 | 1,345 | 3,028 | 963 | 716 | 38 | 683 |
| 400 and over | 4 | 18 | 2,584 | 8,797 | 1,850 | 716 | 16 | 2,231 |
| Total | 182 | 223 | 17,904 | 38,706 | 12,156 | 679 | 480 | 8,573 |

(ii) Employees, wages and salaries, and employers' contribution

Firms employing 25 or more persons: United Kingdom

| Average number employed by the enterprise in the industry (a) a) | Employees |  | Wages and salaries |  | Employers ${ }^{\prime}$ contributions |  | Wages and salaries per head |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Oper- } \\ & \text { atives } \end{aligned}$ | Others <br> (c) | Oper - | Others (c) | National Insurance <br> (d) | $\begin{aligned} & \text { Private } \\ & \text { pension } \\ & \text { schemes } \\ & \text { etc. (e) } \end{aligned}$ | $\begin{aligned} & \text { Oper - } \\ & \text { atives } \end{aligned}$ | Others <br> (c) |
|  | Number | Number | \& 000 | \& 000 | £ 000 | \& 000 | \& |  |
| 25-49 | 1,929 | 274 | 652 | 221 | 49 | 6 | 338 | 806 |
| 50-99 | 4,171 | 564 | 1,389 | 416 | 108 | 17 | 333 | 738 |
| 100-199 | 4,015 | 501 | 1,302 | 402 | 96 | 18 | 324 | 803 |
| 200-299 | 1,883 | 429 | 638 | 268 | 44 | 14 | 339 | 625 |
| 300-399 | 1,228 | 112 | 462 | 100 | 28 | 7 | 376 | 890 |
| 400 and over | 2,066 | 510 | 737 | 370 | 59 | 29 | 357 | 726 |
| Total | 15,292 | 2,390 | 5,181 | 1,778 | 383 | 91 | 339 | 744 |

(a) Inclucing working proprietors
(b) Acquisitions less disposals.
(c) Administrative, technical and clerical employe
(d) Including both flat rate and graduated contributions.
(d) Including both flat rate and graduated contributions.
(e) Including pensions and gratuities paid other than from pension funds. These amounted

TABLE 4 Percentage analysis of employees, by age an sex, all firms, 1963: United Kingdom (a)

| Ages | Males | Females | All employees |
| :---: | :---: | :---: | :---: |
| Under 18 <br> 18 and over | Per cent. | Per cent. | Per cent. |
|  | 26 | 9 | 12 |
|  | 29 | 62 | 88 |
|  | Source: Ministry of Labour |  |  |  |

(a) The percentages relate to the numbers employed (excluding working proprietors) at mid-June, 1963 , in the Made-up
Textiles Industry - Minimum List Heading 422 .

Footnotes to Table 2.
(a) The following information relates to small firms (employing
fewer than 25 persons) in this industry. estimate for small firms not making satisfactory returns. which account for 2 per cent. of the employment shown for 1963 and 3 per cent. for 1958.
Number of firms
Average number employed:
Average number employed $1958 \quad 1963$
Working proprietors Other persons employed b) The method of classifying returns to sub-divisions of the products of each sub-division are the characteristic
The sum of the suble
c) The sum of the figures for the sub-divisions exceeds the
total for the industry to the extent that enterprises made returns for more than one sub-division
(d) Including services rendered to other organisations (amounts charged for hiring out plant, machinery and other
goods, for providing transport, or for technical or other goods, for provid
services rendered)
(e) Characteristic products relate only to sub-divisions of
the industry.
the industry
(f) For sub-divisions of the industry, this is the ratio of sales of characteristic products and value of work done to
total sales of goods produced and work done. For the industry as a whole, this is the ratio of total sales of principal product by the industry to total sales of goods produced and work done.
(g) Administrative, technical and clerical employees.
(h) Including both flat rate and graduated contributions.
(i) Including pensions and gratuities paid other than from
(j) Excluding expenditure for establishments not yet in

TABLE 5 Sales of principal products of the industry by larger firms, includin sales by establishments classified to other industries, 1958 and 1963 (a)
Firms employing 25 or more persons: United Kingdom



[^1]TABLE 5 SUPPLEMENT Sales of household textiles and handkerchiefs by larger firms in the Census, including sales by establishments
classified to other industries, and by merchant converters in the United Kingdom: 1958 and 1963 (a


Continued on next page

TABLE 5 SUPPLEMENT (cont inued)

| TABLE 5 SUPPLEMENT (cont inued) |
| :--- |

(a) For 1958, sales by merchant converters were collected in the 1958 Census of Production and
included in the report on the Textile Converting Industry: for 1963 , sales by merchant included in the report on the Textile converting Industry: for 1963 , sales
converters were collected in the Inquiry into the Distributive and Service Trades. For both years the coverage relates to establishments delivering more than 500,000 sq.yds. of
finished cloth during the year.
(b) For 1958 , a number of firms classified to the Weaving of Cot ton, Linen and Man-made Fibres
Industry (Part 77) did not separately dist inguish between sales of loom-state cloth and Industry (Part 77) did not separately distinguish between sales of loom-state cloth and
sales of made-up household textiles. In 1963, such a distinction was made and although the firms remained classified to the Weaving of Cotton, Linen and Man-made Fibres Industry, sales of made-up household textiles have been included in this table. For this reason the
1958 data are not strictly compare Includia are not strictly comparable with the 1963 data.
(d) May ing some sheets of cotton for 1958 .
(d) May include some handkerchiefs of other materials for 1958.

TABLE 6 Sales of principal products of the industry by establishments classified to other industries, 1958 and 1963 (a) Firns employing 25 or more persons: United Kingdom

|  | 1958 |  | 1963 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | Value | Entries | Principal industries in which (b) |
| Made-up household textiles of cotton (c) | Th. doz. | \& 000 | Th. doz. | £.000 | Number |  |
| Hand and bath towels, including roller towels |  |  |  |  |  |  |
| Terry | .. | 267 | 2,114 | 4,216 | 23 | 77 |
| Non-terry |  | 137 | 19.0 | 29 | 6 | 77 |
| Tea towels, glass cloths and the like | 97.4 | 90 | 197 | 175 | 13 | 77 |
| Sheets | $\begin{gathered} \text { Th.prs. } \\ 294 \end{gathered}$ | 350 | $\begin{gathered} \text { Th.prs. } \\ 4,565 \end{gathered}$ | 6,847 | 25 | 77 |
| Pillow and bolster cases | Th.doz. 113 | 309 | Th.doz. | 504 | 20 | 77 |
| Blankets, full size (single or double) | - | - | Th.prs. $277$ | $\begin{aligned} & 525 \\ & 595 \end{aligned}$ | \} 6 | 77,78,87 |
| Table cloths of all kinds, other than lace |  |  | Th.doz. 40.0 | 160 | 14 | 77 |
| Cleaning cloths, dusters and the like | . | 649 | $\left\{\begin{array}{r}1,515 \\ \cdots\end{array}\right.$ | 470 145 | $\} 17$ | 74,77, 100 |
| Bedspreads and other bed coverings other than quilts |  |  |  | 140 | 8 | 77,109 |
| Other and unclassified made-up household textiles of cotton, including filled quilts | .. | 449 | . | 991 | 39 | 77,82,109,110 |
| Total made-up household textiles of cotton |  | 2,251 |  | 14,797 | .. |  |
| Made-up household textiles of linen and union cloth (c) |  |  |  |  |  |  |
| Tea towels, glass cloths and the like | 1,365 | 1,825 | 503 | 799 | 16 | 77,84 |
| Hand and bath towels, inciuding roller towels | 179 | 372 | 99.4 | 239 | 15 | 77 |
| Sheets | 17.2 | 289 | 6.2 | 118 | 9 | 77 |
| Table linen | 522 | 1,882 | 189 | 815 | 13 | 77,82 |
| Other made-up household goods of linen and union cloth |  | 851 | . | 276 | 10 | 26,77 |
| Total made-up household textiles of linen and union cloth |  | 5,219 |  | 2,248 | . |  |

TABLE 6 (cont inued)

|  | 1958 |  | 1963 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | Value | Entries | Principal industries in |
|  | Th.doz. | \&'000 | Th. doz. | £'000 | Number |  |
| Made-up household textiles of manmade fibres other than glass fibre (rayon, nylon, etc.), or of manmade fibres mixed with materials other than silk (c) |  |  |  |  |  |  |
| Table cloths of all kinds. other than lace | 316 | 892 | 129 | 485 | 9 | 77,110 |
| Filled quilts |  | (d) |  |  |  |  |
| Bedspreads and other bed coverings other than quilts | 2.9 | 24 |  |  |  |  |
| Other made-up household textiles of man-made fibres other than glass fibre (rayon, nylon, etc.), or of man-made fibres mixed with materials other than silk | .. | 293 | . | 990 | 18 | 77, 82,94,110 |
| Total made-up household textiles of man-made fibres, etc. |  | 1,209 |  | 1,475 | .. |  |
| Made-up household textiles of unspecified fibres |  | 842 | - | - |  |  |
| Handkerchiefs |  |  |  |  |  |  |
| of cotton | 1,065 | 398 |  |  |  |  |
| of 1 in nen | 624 | 449 (e) |  | 711 | 11 | 77, 82, 113 |
| Nursery squares, terry and muslin; cerements, shrouds, etc. |  | 104 |  |  |  |  |
| Making-up of household textiles, handkerchiefs, nursery squares, and cerements, shrouds, etc. (hemming, etc.) |  | 301 |  | 383 | 13 |  |
| Total |  | 10,772 |  | 19,614 | . |  |

(a) Excluding sales by firms classified to the Textile Converting Industry. For 1958 the figures have been revised to exclude the sales by merchant co
and 1963 such sales are included in the supplement to Table 5
(b) The references given are to the list of industries at the back of this report.
(c) For 1958, a number of firms classified to the Weaving of Cotton, Linen and Man-made
Fibres Industry (Part 77) did not separately distinguish between sales of loom-state Fibres Industry (Part 77) did not separately dist inguish bet ween sales of loom-state cloth and sales of made-up household textiles. In 1963, such a distinction was made
and although the firms remained classified to the Weaving of Cotton, Linen and Man-made Fibres Industry, sales of made-up household textiles have been included in this table. For this reason the 1958 data is not strictly comparable with the 1963 data
(d) Not recorded separately.
(e) May include some handkerchiefs of other materials for 1958

TABLE 7 Sales of other than principal products by larger firms in the industry, 1958 and 1963
Firms employing 25 or more persons: United Kingdom

| Firms employing 25 or more persons: United Kingdom |
| :--- |

(a) Described as 'Upholstery and bedding, cushions and curtains' for 1958.
(b) Amounts charged for hiring out plant, machinery or other goods, for providing transport,
c) Excluding amounts charged forvices rendered to other organisations.
(d) Revised figure. Made-up household articles of linen and union cloth included in this table
in the 1958 report on this industry are now shown in Table 5 of this report.

TABLE 8 Production of certain principal products of the industry by larger firms, including production by establishments classif ied to other industries, 1958 and 1963

This table is not applicable to this industry.

TABLE 10 Purchases by larger firms in the industry, 1954 and 1963 Firms employing 25 or more persons: United Kingdom

|  | 1954 |  | 1963 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Cost | Quantity | Cost |
|  | Th.sq.yds. | \& 000 | Th. sq.yds. | \& 000 |
| Materials for processing |  |  |  |  |
| Goods purchased for further processing or for hemming and stitching |  |  |  |  |
| Grey or other loom state woven cloth wholly or mainly of |  |  |  | ㄲำ |
| Cotton |  |  |  |  |
| Wholly of cotton | 43,799 | 5,369 | 62,404 | 5,357 |
| Mainly of cotton | 43,799 | 5,369 | 2,462 | 636 |
| Synthetic fibres (nylon, etc.) | \{3,084 | 297 583 | \{ 291 | 63 67 |
| 0 ther man-made fibres (rayon, etc.) |  |  | 8,698 | 1,079 |
| Finished or partly finished woven cloth wholly or mainly of |  |  |  |  |
| Cotton |  |  |  |  |
| Whally of cotton |  |  | $\left\{\begin{array}{r}12,185 \\ \\ \hline\end{array}\right.$ | 1,946 358 |
| Mainly of cotton | 33,962 | 5,038 | $\left\{\begin{array}{r}1,845 \\ \hline\end{array}\right.$ | 362 127 |
| Synthetic fibres (nylon, etc.) |  |  | $\left\{\begin{array}{r}3,981 \\ \hline\end{array}\right.$ | 776 182 |
|  | 11,665 | 1,775 | $\left\{\begin{array}{l}\text { [ } \\ 4,867\end{array}\right.$ | 796 |
| Other man-made fibres (rayon, etc.) |  |  |  | 241 |
| Linen and union | 245 | 37 | 21,586 | 4.131 |
|  |  |  | Th.lb. |  |
| Cotton yarn (including cotton waste yarn) |  | 5,097 | $\left\{\begin{array}{r}9,852 \\ \\ \cdots\end{array}\right.$ | 1,954 |
| All other materials for processing |  |  |  | 1,797 |
| Packaging materials |  |  |  |  |
| Paper and board |  |  |  |  |
| Boxes, cartons, packing cases, and drums and canisters (with or without metal ends) of paper, cardboard and fibreboard |  |  | .. | 536 |
| Wrapping paper (including paper coated with plastics and any laminates incorporating paper but not metal), moulded pulp units, labels and other packaging materials of paper, cardboard and fibreboard (except multiwall sacks) | .. | 490 | .. | 166 |
| Transparent cellulose film (including bags) |  |  | .. | 118 |
| All other packaging materials |  |  |  | 114 |
| Fuel and electricity (a) | Th.tons |  | Th.tons |  |
| Coal | 13.2 | 66 | 8.6 | 55 |
| Coke (including screenings) and manufactured fuel | 2.5 | 13 \{ | 1.3 | ${ }_{2}^{11}$ |
|  | Th.gal. |  | Th.gal. |  |
| Derv fuel and motor spirit for use in road vehicles | 123 | 26 6 | 102 | 23 6 |
| other liquid fuels (including creosote/pitch mixtures, etc. and liquefied petroleum gases) | 32.0 | $2\{$ | 1,329 | 56 13 |

TABLE 10 (continued)

|  | 1954 |  | 1983 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Cost | Quantity | Cost |
|  | Th.therms | \&'000 | Th. therms | \& 000 |
| Fuel and electricity (a) (continued) |  |  |  |  |
| Gas | 292 | $19\{$ |  | 18 5 |
|  | Th. kWh |  | Th. kWh |  |
| Electricity | 7.509 | $58\{$ | 9,912 | 79 31 |
| Total cost of materials and fuel |  | 18,877 |  | 21,816 |
| Goods purchased for merchanting |  | .. |  | 1,711 |
| Canteen purchases |  | $\cdots$ |  | 36 |
| Total cost of purchases |  | .. |  | 23,563 |

(a) The total quantity of electricity generated in firms' own establishments in this industry in 1963 was 875 Th .kWh. Firms classified to this industry did not record any electricity generated

TABLE 11 Transport costs and employment of larger firms, 1963 Firms employing 25 or more persons: United Kingdom

|  | Unit | 1963 |
| :--- | :---: | :---: |
| Average number employed mainly on transport | No. | 113 |
| Transport costs |  |  |
| Wages and salaries | $£^{\prime} 000$ | 66 |
| Derv fuel and motor spirit <br> Payments to other organisations for transport | $n$ | 29 |
| Costs of operating road goods vehicles <br> Insurance | $n$ | 401 |
| Vehicle licences <br> Depreciation | $n$ | 9 |
| Payments to other organisations for repairs <br> and maintenance | $n$ | 59 |
| $\quad$ Total |  |  |

TABLE 12 Payments for certain services, etc. by larger firms, 1963 (a)
Firms employing 25 or more persons:
United Kingdom

|  | Amounts <br> payable |
| :--- | :---: |
| Repairs and maintenance to | $£^{\prime} 000$ |
| Buildings | 59 |
| Road goods vehicles | 19 |
| Plant, machinery, and other capital equipment | 104 |
| Insurance, 1icensing and depreciation of road |  |
| goods vehicles (b) | 53 |
| Rates, excluding water rates | 125 |
| Hire of plant and machinery | 4 |
| Postage, telephone, telegrams and cables | 128 |
| Total |  |

(a) No deduction is made for these payments to arrive at the
figures of net output given in this report. (b) For details see Table 11.

TABLE 13 Percentage analysis of twelve-month per iods Firms employing 25 or more persons:
United Kingdom

| Year ended | Percentage of <br> total <br> employmed | Year ended | Percentage of <br> total number <br> employed |
| :--- | :---: | :---: | :---: |
| 1963 | Per cent. | 1963 <br> (contd.) | Per cent. |
| April (a) | 6.9 | Norember | 6.6 |
| May | 2.8 | December | 36.5 |
| June | 8.7 | 1964 |  |
| July | 4.2 |  |  |
| August | - | January | 6.4 |
| September | 4.0 | February | 3.2 |
| October | 5.9 | March | 14.6 |
|  |  | Total | 100 |

(a) Including returns made f

TABLE 14 Sales of all parts of machinery and plant by larger firms, 1958 and 1963

Notes - cont inued from page ii

Capital Expenditure (cont inued) (ii) Land and existing buildings.

The items shown are the capital cost of
freeholdd premium payable for leaseholds acquired (excluding the value of any assets acquired in taking over an existing business), and
the amounts receivable for any freeholds or the amounts receivable for any freeholds or
leaseholds disposed of. The value is that leaseholds disposed of. The value is that
charged to capital account during the year of return
(iii) Plant, machinery and vehicles

The items shown are the value of plant and machinery and of vehicles acquired,
new and second-hand, and the amount received for it tems disposed of during the
rear. The value of plant and machi year. The value of plant and machinery
acquired includes plant, etc. which firms acquired includes plant, etc. which firms
produced for the ir own use in connect ion
with the prodh the business covered by the return.
with the value of plant etc, accuired is the The value of plant, etc. acquired is the
expenditure charged to capital account expender the year of return less any dis-
during
counts received, but including the counts received, but including the cost of
transport and installation. No deduct ion transport and installation. No deduct ion
is made for depreciation, amortisation or 1s made for deprectiation, amortisation or
obsolescence.
The proceeds of items disposed of during the year exclude amounts written off for items scrapped.
Capital expenditure during the year of manufactur ing establishments where production had not started before the end of the
year is excluded in this report for both 1958 and 1963 .
Characteristic Products
The characteristic products of a sub-division
are those in terms of which the sub-division is are those in terms of which the sub-division is defined. They are products commonly associa-
ted in production and are usually similar in ted in production and are usually similar in
nature or manner of production. In most cases the characteristic products of each sub-
division are indicated in Table 5 of the division are indicated in Table 5 of the
industry reports. For those industries for which an analysis by sub-divisions has been made, Table 2 shows the total sales of such
character ist ic products for characteristic products for each sub-division.
The totals include, besides the products which define the sub-division, other items of output assumed to be closely related to them, e.g.
waste products and work done
Enterprise
The term enterprise is used in this report to mean one or more firms under common ownership or control. An enterprise normally consists either of a single firm, or of a parent company
together with its subsidiary companies.

## Entries

The number of entries shown in Tables 5, 6 and
8 against a particular output or production
heading is the number of returns on which
$f$ igures were recorded for that item.
Establishment
The census was based on the establishment comprising in mast canes the whole of the
premises under the same ownership or managen premises under the same ownership or management
at a particular address (e.g. a factory or mine); but firms were asked to exclude from all sections of their returns particulars relating to any department not engaged in pro-
duction for which they kept a separate set of accounts. Where separate accounts were not kept, they were asked to include merchant ing or
factoring, canteens operated by them and other
ancillary activities such as bottling, packing and the manufacture of containers for packing
the ir own products, whether or not these activities are carried on at the same address
as the works. Building and engineering as the works. Building and engineering maintenance departments and selling and tran
port departments were treated similarly.

## Gross Output

The gross output of an industry is the aggregate value of goods made and other work done
dur ing the year by the establishments classified to the industry. It is derived by sub tracting from the value of sales and work done,
the value of stocks of goods on hand for sale and work in progress at the beginning of the year and adding the value at the end of the

Larger Firms
These are firms in which twenty-five or more
persons were employed on the average during the
year.
Net Output
The net output of an industry represents the value added to materials by the process of pro-
duction. It includes the gross margin on duction. It includes the gross margin on any
merchanted or factored goods sold: it situtes the fund from which wages, salaries insurance, pensions, hire of plant and machinery, payments for repairs and mainten-
ance, costs of operating road vehicles, rents raxes and taxes, advertising and other, selling expenses and all other similar charges have to
be met, as well as depreciation and profits. There is no appreciable duplication in net output. Net output has been obtained by deducting from the gross output the cost of purchases
adjusted for stock changes, payments for work given out to other firms, and payments for transport
Normall
materials purchased is or excise duted in the cost of
materials. Similarly materials. Similarly, finished goods sold
have been valued as they were sold, duty paid have been valued as they were sold, duty paid or
duty free. The amounts of duty, subsidies, allowances and levies receivable or payable,
where of substant where of substantial importance in the industry, were required to be stated separately, and thes
items were taken into account when calculat ing net output.
Net output per person employed
The figures for net output per person employed are derived by dividing the net output by the average number of persons employed (full-t ime
and part-time) on all activities covered by the returns, including operatives, administrative, technical and clerical employees and working prietors, but excluding outworker
Principal Products
The principal products of an industry are those in terms of which the industry is defined.
They are products commonly associated in pro duction, and are usually similar in nature o manner of production.

## Production

This means the total quantity of a product made dur ing the year, whe ther sold in the year, adde the same firm, or used in the manufacture of other products within the bus iness covered by
the return. It includes goods produced from materials supplied by other firms.

Purchases
Purchases include the cost of materials and
components bought for use in production; of fuel and electricity for all purposes; of pack
aging materials, including the full cost of re aging materials, including the full cost of re
turnable cases and containers when first purchased; of workshop mater ials, off ice
materials and materials for repairs to firms materials and materials for repairs to firms
own buildings, plant and vehicles when carried own buildings, plant and vehicles when carried
out by their own workpeople included in the return; of consumable tools; and of parts for
machinery machinery purchased dur ing the year as replace-
ments. Water charges are also included. In general purchases of goods for merchant ing or
factor ing and canteen supplies are included. factor ing and canteen suppliies are included.
Materials supplied by customers for processing Materials supplied by customers for processing
are excluded. The values shown include any duty paid (less rebate, etc.) but exclude trade discounts
allowed. The cost of transport is included only if. included in the cost of materials as inviced; amounts paid to transport organisa-
tions, including firms' own separate transport organisations, for delivery of materials and fuel are, therefore, excluced. Materials
purchased overseas are included at their purchased overseas are included at their c.i.f.
cost plus any duty payable if the cost of cost plus any duty payable if the cost of
transport from the docks was not included in the
invoiced price, but at their full delivered cost invoiced price, but at the ir full delivered cost
if invoiced car iage paid home'. Materials
and fuel transferred from another department of and fuel transferred from another department of
the firm not covered by the same return are included at the est imated selling value recorded
by the other departnent. by the other department.
Sales
Sales are in respect of goods made by the
business covered by the return, goods made for business covered by the return, goods made for
it by out workers or by other firms from it by out workers or by other firms from
mater ials given out to them (somet imes described
as goods made on commission) and waste products. as goods made on comnission) and waste products. Any machinery or other capital items produced
for use in the business covered by the return for use in the business covered by the return
are included, the value being that adopted in the firm's capital asset account. Goods sold
without being subjected to any manufacturing without being subjected to any manufacturing
process (merchanted or factored) and canteen process (merchanted or factores)
takings are included as in 1958 .
The value shown for sales is the net selling value, def ined as the amount charged to
customers whether on an ex-works or del ivered basis, net of any trade discounts, agents'
bammissions, allowances for returnable cases
comer purchase tax, etc.: the net amount charged for purchise tater etc. $i$ the net amount charged for
packing materis. is inded. Goods charged
on a delivered basis to customers overseas are on a delivered basis to customers overseas are
included at the foob. value. For work done on included at the fo.b. value. For work done o
commission or for the trade the value shown is the net amount charged. Where goods produced in department were Where goods produced in one department were
transferred to another department of the same
f firm not covered by the return, these transfers
were treated as sales by the producing departwere treated as sales by the producing depart-
ment and valued as far as possible as if they
had been sold to an independent purchair ment and valued as far as possible as if they
had been sold to an independent purchaser. Goods transferred to wholesale or retail sell
ing organisations for which separate accounts ing organisations for which separate account
were kept were valued on the same basis. were kept were valued on the same basis.
Est imations of a similar kind were also some-
times necessary in valuing transfers between $t$ imes necessary in valuing transfers between different firms belonging to the same ent
prise. To the extent that the sales of prise. To the extent that the sales of
finished products of one establishment may Minished products of one establishment may
constitute the materials purchased by another materials and fuel purchased) include an element of duplication
Services rendered
This represents the amounts charged for hiring
out plant, machinery and other goods, providing out plant, machinery and other goods, prov
transport, or for any technical or other
services rendered to other organisations. It
includes amounts credited for similar service includes amounts credited for similar services
rendered to other departments of the same firm not covered by the return.
Small Firms
These are firms in which fewer than twenty-five
persons were employed on the average during the
year.
Stocks and Work in Progress
Values are given of stocks of goods on hand for
sale, and of materials and fuel, at the be$g$ inning and end of the year of return, including any stocks of goods held for merchant ing or
factoring factoring. The values include duty in the cas
of dutiable goods held out of bond. The value of work in progress at the two dates is also
usually shown. This excludes any progress usually shown. This excludes any progress
payments made to sub-contractors, and no deduction is made on account of progress payments
received.
Transport Payments
These represent the total amount paid or
credited during the year for both outwards credited during the year for both outwards
transport of $f$ inished goods sold and inwards transport of materials and fuel purchased. They include payments to other firms, and to
any separate transport organisation of the same
firm not any separate transport or ganisation of the same
firm, not covered by the return, but exclude the value of transport services provided by the
business covered by the return. business covered by the return. The items
included are payments for hired cartage and included are payments for hired cartage and for
inwards and outwards carriage by all forms of inland transport, i.e. railways, road haulage canals, coast-wise shipping, air, etc.
Payments made for sea freight on goods sold to Payments made for sea freight on goods sold purchased from overseas suppliers are excluded. Wages and Salaries
These are the amounts paid during the year to
operatives and to administrative, technical operaives and to administrative, technical and clerical employees. Payments to working
proprietors, whether called salaries or not, are excluded; in Northern Ireland this exclusion extends also to payments to
directors of limited companies. The values directors of imited companies. The values
shown include all overtime payments, bonuses and comnissions, whether paid regularly or not
and no deduct ion is made and no deduction is madery in inces contributory pensions, etc. The ansurances, contributory pensions, etc.
value of any payments in kind, travelling
expenses, lodg ing allowances, etc, and expenses, lodg ing allowances, etc. and
employers, contributions to National Insurance employers contrion schemes is excluded.
Work given out
The figures shown represent the total amount The figures shown represent the total amount
paid for work done by other firms on materials supplied to then, and alsor by firms, own establishments for which separate returns were
made. They do not include payments to individual outworkers or payments for business and other services.

## Symbols used

The following symbols are used throughout the
.. Not available
Not available
Nil or negligible (less than half the
final digit shown)
Figures catnot be shown owing to the
risk of disclosing information about risk of disclosing inf
individual enterprises.

## Rounding of Figures

The figures in the tables have, where necessary,
been rounded to the nearest final digit may, therefore, be apparent slight discrepancie between the sums of the constituent items and
the totals shown.

```
Part No. and title
l}\mp@subsup{|}{2}{1}\mathrm{ Introductory Notes
Stone and Slate Quarrying and Mining
S Metalliferous Mining and Quarrying
    Salt and Miscellaneous Non-metalliferous
    Mining and Quarryi
8 Bread and Flour Confectionery
9 Biscuits
l
13 cocoa, Chocolate and Sugar Confectionery
lol
14 Animal and Poultry Foods
16 Margar ine 
18 Brew ing and Maltingeous Foods
18 Brewing and Malting
O Soft Drinks, British Wines, Cider and Perry
22 Cobe Ovens and Manufactured Fuel
23 Mineral Oil Ref Manufactured Ful
24 Lubricating Oils and Greases
26 Fertilizers and Chemicals for Pest Contro
27 General Chemicals 
28 Pharmaceutical Preparations
30 Explosives and Fireworks
31 Paint and Printing Ink
lol
35 Polishes
Gelat ine, Athesives, etc,
37 Iron and Ste
$3 Steel Tubes 
40 Non-ferrous Metals
lol
44 Industr ial Engines
46 Contractors' Plant and Quarrying Machinery 
47 Mechanical Handl ling Equipment
48 office Nachinery (Non-electrical) Machinery
51 Ordnance and Small Arms.
52 General Mechanical Engineer ing
54 Watches and Clocks
55 Electrical Machinery
56 Insulated Wires and Cables
57 Telegraph and Telephone Apparatus 
$8 Radio and Other Electronic Appat
$0, Miscellaneous Electrical Goods 
61 Shipbuilding and Marine Engineering
63 Motor Cycle, Three-wheel Vehicle and Pedal
64 Aircraft Nanufacturing and Repairing
S6 Railmay Carriages and Wagacks and Trams
67 Perambulators, Hand-trucks, etc
lol
M Metals
4 Miscell laeous Metal Manufactures
6 Spinning and Doubling of Cotton, Flax and
    Man-made Fibres
Weaving of Cotton, Linen and Man-made Fibre
Joole and Worsted
Nute, Twine and.Net 
22 Lace
34 Narrow Fabrics
Household Textiles and Handkerchief
    Canvas Goods and Sack
    8 Asbestos Finishing
Miscel laneous Textile Industries
00 Leather (Tanning and Dressing) and
    Fellmongery
    Fur
    32 Fur Weatherproof Outerwear
    Men's and Boys' Tailored Outerwear
    Women's and Girls' Tailored Outerwear
    Overalls and Men's Shirts, Underwear, et 
    Dresses, Lingerie, Infants' Wear, etc.
    lats, Caps and Millinery Mear, elc.
    Corsets and Miscellaneous Dress Industries
    Gloves
    ricks, Fireclay and Refractory Goods
    Pottery
    Glass
    Cloms
    Abrasives
    7 Miscella
    Furniture and Upholstery 
    Bedding and Soft Furnishings
    O Bedding and Soft Furnishings
    Mooden Containers and Baskets 
    Paper and Board and Cork Manufactures
    Paper and Board,
    Miscel laneous Manufactures of Paper and Board
    linting and Publishing of Newspapers and
    Meriadicals 
    Rubber
119 Rubber 
    l
    l
    Mscellaneous Stat ioners'Goods
    Miscellaneous Manufacturing Industries
    Miscellaneous
    26 Construction
    Electricity
    Water Supply
    Index of Product
    Summary Volume
132 Summary Volume
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70 bolts, Nuts, Screws, Rivets, et
1 Wire, and wire Manufactures

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[^0]:    (a) For 1963 , estimates for small firms and for firms not making satisfactory returns accounted for
    about 15 per cent. of the total figures in which they were incorporated. (For 1958 the about 15 per cent. of the total figures in which they were incorporated. (For 1958 the
    comparable figure was 11 per cent.) A summary of the detailed returns received is given in Table 2.
    (b) Including services rendered to other organisations (amounts charged for hiring out plant
    machinery and other goods, for providing transport, or for technical or other services rendered).
    (c) Administrative, technical and clerical employees.
    (d) Including pensions and gratuities paid other than from pension funds.
    (e) Excluding expenditure for establishments not yet in production.
    (f) Acquisitions less disposals.

[^1]:    (a) Excluding sales by firms classified to the Textile Converting Industry. For 1958 the figures have
    been revised to exclude the sales by merchant converters and for both 1958 and 1963 such sales are
    included in the supplement to this table.

    The number given is that of the sub-division
    sales shown are the total sales by larger firms, not merely sales by establishments classified to the
    sub-division. sub-division
    (c) For 1958, a number of firms classified to the Weaving of Cotton, Linen and Man-made Fibres Industry (Part 77) did not separately dist inguish between sales of loom-state cloth and sales of made-up house-
    hold textiles. In 1963 , such In 1963, such a distinction was made and although the firms remained classified to
    the Weaving of Cotton, Linen and Man-made Fibres Industry, sales of made-up household textiles have been included in this table. For this reason the 1958 data are not strictly comparable with the 1963 data
    (d) Sales of made-up household textiles of 1 linen and union cloth were included in the 1958 report on the Weaving of Cotton, Linen and Man-made Fibres Industry.
    (f) This figure represents the total number of returns made by larger firms in this industry, which is
    less than the total number of establishments in Table 2 , on account of
    less than the total number of establishments in Table 2, on account of combined returns covering more
    than one establishment.

