

# Report on the Census of Production 1963 

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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 rep
(More detailed information about the Census (More detailed information about the Census
is given in a separate booklet - Introductor Notes' ${ }^{\prime}$ Part of of the Report on the Census of
Production for 1963.) Production for 1963.)
general information
Changes in the 1963 census
There were few changes resulting from amendment
to the Standard Industrial Classification and
only minor changes in the scope of certain only minor changes in the scope of certain
industry reports compared with 1958. Any such industry reports compared with 1958 . Any such
changes are explained in the introductions to changes are explained in the introductions to
the industry reports concerned or by footnotes to the tables.
Industrial Classification
Establishments were classified to industries on the basis of major activity in conformity with
the second edition of the Standard Industrial Ciassification (Consolidated Edition 1963, Clas
incorporat ing Amendment 1). Each industry was
basically def ined in terms of its principal basically defined in terms of its principal products, these being of a similar nature or
commonly associated in production. Normally an establishment was classif ied to an industry if its sales of the principal products of that
industry accounted for a greater proportion of industry accounted for a greater proport
its total sales than did its sales of the principal products of any other industry. How
ever, where the application of this rule would have resulted in a change of classification between 1958 and 1963, the establishment was reclassified only if the sales of principal
products of the newly predominant industry was products of the newly predominant industry was
more than one third greater than the sales of principal products of the previously predominan industry. This modification of the gener
rule was introduced for 1958 to avoid disrule was int roduced for 1958 to avoid dis-
cont inuit ies which would result from marginal changes in sales between successive censuses
The principal 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 In ceattain in a different ways. Details of any non-standard treatment are given in the intro

TERMS USED IN THE CENSUS REPOR
Average number employed
Firms were required to state the number of Insurance cards were held by them) on the
Ine
average during the year average during the year of return, whether fulltime or part-time employees. Separate figures
were required for (a) administrative, technical and clerical employees and (b) operatives (see
below). Averages could be calculated from below). Averages could be calculated from figures relating to the last week of each
calendar month; figures shown in respect of the average number employed relate to the sum of these averages. Firms were also required to
state the number of working proprietors (see below) where appropriate and these are included
in total employment figures. Outworkers are

The figures inc lude persons engaged in merchanting or factoring and canteen workers could not be excluded from the return.
Working Proprietors
These include all persons regarded as selfThese include at persons regarded as self-
employed for Nat ional Insurance purposes, and members of the ir families who worked in the
meceiving a fixed wage or business without receiving a fixed wage or
salary; but persons who worked less than half salary; but persons who worked less than half
the normal number of working hours are excluded ther Great Britain, directors working in the business but not in receipt of a definite wage,
salary or comission are included under this salary or commission are included under this 1963 , but are excluded for 1958 . For Northern Ireland, directors of imimited
companies, other than those paid by fee only, companies, other than these paid by fee only,
are included for both years. (Directors paid by fee only are not included in any of the Employees
(i) Administrative, technical and clerical employees include managers, superintendents
and works foremen; research, experimental development, technical and design employees (other than operatives); draughtsmen and canvassers, competition and advertising staff; travel lers; and off ice (including
works of fice) employes. For Great works off ice) employees. For Great
Britain, but not for Northern Ireland, the Britain, but not for Northern reland, the in receipt of a definite wage, salary o
commissio
(ii) Operatives include all other classes of employees, that is, broadly speaking, all moloy wage earners. They incluye those works; operatives employed in power works; operatives emp oyed in power
houses, transport work, stores, warehouses, shops and canteens; inspectors, viewers
and similar workers maintenance workers; and similar workers; maintenance workers;
and cleaners. Operatives engaged in outand cleaners. Operatives engaged in out-
side work of erection, fitting, etc. are also included, but outworkers (i.e.
per rons employed by the firm who worked in
their their own homes, etc. on materials
supplied by the firm) are excluded Information about the numbers of outworkers employed was collected only for the gloves

Capital Expenditure
(i) New building work.

This represents the cost incurred during
the year of new building and the year of new building and other new
constructional work (including of fice buildings, canteens and the like used in
connect ion with the busines lived connect tion with the business covered by the
return but not employees). The value is that char capital account during the year of return; it includes expenditure on new buildings or on the extension or reconstruct ion of old
buildings, the value of work of a capital nature carried out by firms' own staff, and the cost of any newly constructed build ings
purchased. The figures shown ind purchased. The figures shown include any
legal charges, stamp duties. agents. legal charges, stamp duties, agents'

This Report on the Tobacco Industry relates to establishments engaged wholly or
mainly in manufacturing tobacco, cigars, cigarettes and snuff.
This industry corresponds to minimum list heading 240 in the Standard Industria Classification (Consolidated edition, 1963).

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).

|  | Title | Page |
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| 1 | Industry summary: United Kingdom. <br> Estimates for all firms, 1958 and 1963 | 21/3 |
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| 7 | Sales of other than principal products by larger firms in the industry, 1958 and 1963 | 21/9 |
| 8 | Production of certain principal products of the industry by larger firms, including production by establishments classified to other industries, 1958 and 1963 | $\begin{gathered} \text { DoEs } \\ \text { ADPLY } \\ \text { APRLY } \end{gathered}$ |
| 9 | Purchases of selected principal products of the industry by larger firms, 1963 | $\begin{gathered} \text { DoEs } \\ \text { APT } \end{gathered}$ |
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| 14 | Sales of all parts of machinery and plant by larger firms, including sales by establishments classified to other industries, 1958 and 1963 | $\begin{gathered} \text { DoEs } \\ \text { APOLY } \\ \text { APLL } \end{gathered}$ |

TABLE 1 Industry summary: United Kingdom
Estimates for all firms, 1958 and 1963 (a)

|  | Unit | 1958 | 1963 |
| :---: | :---: | :---: | :---: |
| Number of enterprises | No. | 43 | 29 |
| Number of establishments | " | 80 | 60 |
| Gross output | * 000 | 984,538 | 1,224,400 |
| Net output | " | 84,690 | 109,6 |
| Net output per head | \& | 1,910 | 2,534 |
| Sales and work done $\quad\{$ goods produced and work done | \&'000 | 952,193 | 1,172,384(b) |
| ( merchanted goods and canteen takings | n | 30,310 | 55,932 |
| Customs and Excise duty (net) | ${ }^{\prime}$ | .. | 919,813 |
| Purchases $\quad\left\{\begin{array}{l}\text { materials for processing and } \\ \text { packaging, and fuel }\end{array}\right.$ | " |  | 129,499 |
| Purchases $\left\{\begin{array}{l}\text { goods for merchanting and } \\ \text { canteen purchases }\end{array}\right.$ | " | 895,265(c) | 61,065 |
| Payments to other organisations $\quad\left\{\begin{array}{l}\text { for work done on materials given out } \\ \text { for }\end{array}\right.$ | " | ${ }^{6}$ | \} 2,925 |
| Stocks and work in progress |  | 2,467 |  |
| Total stocks and work in progress | * | - 75 | -5,358 |
| progress at end of year |  | 139,122 | 146,577 |
| Goods on hand for sale $\quad$ change during year | * | + 2.100 | - 2,566 |
| at end of year | * | 24,682 | 23,684 |
| Work in progress $\quad\left\{\begin{array}{l}\text { change during year }\end{array}\right.$ |  | 65 | - 1,350 |
| at end of year | " | 20,801 | 25,384 |
| Materials, stores and fuel $\{$ change during year | " | - 2,110 | - 1.442 |
| at end of year |  | 93,639 | 97,508 |
| total, including working proprietors | Th. | 44.3 | 43.3 |
| Average number employed $\quad$ operatives | " | 35.2 | 33.7 |
| other employees (d) |  | 9.1 | 9.6 |
| Wages and salaries $\quad\{$ of operatives | \& 000 | 15,720 | 20,399 |
| Of other employees (d) |  | 7,566 | 9,926 |
| Employers' contributions to National Insurance and private pension schemes, etc. (e) | " | .. | 2,635 |
| Capital expenditure (f) |  |  |  |
| Total | " | .. | 7.297 |
| New building work |  | 1,105 | 532 |
| Land and existing buildings (g) | " | .. | 39 |
| Plant and machinery (g) |  | 4,554 | 6,540 |
| Vehicles (g) | " | 163 | 185 |

[^0]TABLE 2 Summary of returns received from larger firms, 1958 and 1963 Firms employing 25 or more persons: United Kingdom (a)

|  | Unit | 1958 | 1963 |
| :---: | :---: | :---: | :---: |
| Number of enterprises | No. | 26 | 16 |
| Number of establishments | " | 62 | 47 |
| Gross output | £ 000 | 981,142 | 1,220,099 |
| Net output | " | 84,398 | 109,270 |
| Net output per head | \& | 1,910 | 2,534 |
| $\int$ goods produced and work done | £ 000 | 948,908 | 1,168,265(b) |
| Sales and work done $\quad\left\{\begin{array}{l}\text { merchanted goods and canteen takings }\end{array}\right.$ | " | 30, 206 | 55,735 |
| Index of specialisation (c) | Per cent. | 100 | 100 |
| Customs and Excise duty (net) (d) | £ 000 |  | 916,582 |
| Purchases $\quad\left\{\begin{array}{l}\text { materials for processing and } \\ \text { packaging, and fuel }\end{array}\right.$ | " | 892,177(e) | 129,044 |
| Purchases $\quad\left\{\begin{array}{l}\text { goods for merchanting and canteen } \\ \text { gurchases }\end{array}\right.$ | " | $\}^{892,177(e)}$ | 60,851 |
| Payments to other organisations $\quad\left\{\begin{array}{l}\text { for work done on materials given out } \\ \text { for transport }\end{array}\right.$ | " | 6 2,459 | $\} 2,915$ |
| Stocks and work in progress |  |  |  |
| (change during year | " | + 2.093 | - 2,557 |
| Goods on hand for sale $\{$ at end of year | " | 24,596 | 23,601 |
| change dur ing year | " | - 65 | - 1,345 |
| Work in progress $\quad\{$ at end of year | " | 20,729 | 25,295 |
| Materials, stores and $\quad$ change dur ing year | " | - 2,103 | - 1.437 |
| fuel at end of year | " | 93,316 | 97, 166 |
| [total, including working proprietors | No. | 44, 188 | 43,118 |
| Average number employed $\{$ operatives | n | 35,093 | 33,590 |
| other employees ( $f$ ) |  | 9,092 | 9,525 |
| [ of operatives | £'000 | 15,668 | 20,334 |
| Wages and salaries $\quad\left\{\begin{array}{l}\text { of other employees (f) }\end{array}\right.$ | " | 7,541 | 9,894 |
| 隹 operatives | \& | 446 | 605 |
| Wages and salaries per head | " | 829 | 1,039 |
| Employers' contributions to National Insurance (g) | £'000 | . | 1,123 |
| Employers' contributions to private pension schemes, etc. (h) | " | .. | 1,503 |
| Capital expenditure (i) |  |  |  |
| New building work | ${ }^{\prime \prime}$ | 1,101 | 530 |
| Land and existing buildings $\quad\left\{\begin{array}{l}\text { acquisitions } \\ \text { disposals }\end{array}\right.$ |  | .. | \} 39 |
| acquisitions |  | 4,926 | 7,163 |
| Plant and machinery $\left\{\begin{array}{l}\text { disposals }\end{array}\right.$ | " | 387 | 646 |
| [acquisitions | " | 259 | 372 |
| Vehicles $\quad$ disposals | " | 96 | 187 |

TABLE 3 Analys is 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 enterprise industry (a) | Enterprises | Estab- lishments | Average number employed (a) | Gross output | Net output | Net output per head | Capital expenditure (b) | Total <br> value of stocks and work in progress at end of year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Number | Number | £'000 | £'000 | \& | £'000 | £'000 |
| 25-49 | 6 | 7 | 197 | 1,351 | 281 | 1,427 | 9 | 432 |
| 50-199 | 4 | 5 | 420 | 5,794 | 672 | 1,599 | 10 | 1,380 |
| 200 and over | 6 | 35 | 42,501 | 1,212,954 | 108,317 | 2,549 | 7,252 | 144.250 |
| Total | 16 | 47 | 43,118 | 1,220,099 | 109,270 | 2,534 | 7,271 | 146,062 |

(ii) Employees, wages and salaries, and employers' contributions Firms employing 25 or more persons: United Kingdom

| Average number employed by he enterprise in the industry (a) | Employees |  | Wages and salaries |  | Employers ${ }^{\text {. }}$ contributions |  | Wages and salaries per head |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Oper- } \\ & \text { atives } \end{aligned}$ | $\begin{aligned} & \text { Others } \\ & \text { (c) } \end{aligned}$ | $\begin{aligned} & \text { Oper- } \\ & \text { atives } \end{aligned}$ | $\begin{aligned} & \text { Others } \\ & \text { (c) } \end{aligned}$ | Nat ional <br> Insurance <br> (d) | Private pension etc.(e) $\qquad$ | $\begin{aligned} & \text { Oper- } \\ & \text { atives } \end{aligned}$ | Others (c) |
|  | Number | Number | £ 000 | £ 000 | £ 000 | £'000 | \& | $\varepsilon$ |
| 25-49 | 141 | 56 | 66 | 72 | 5 | 6 | 468 | 1,281 |
| 50-199 | 273 | 147 | 132 | 113 | 11 | 6 | 482 | 770 |
| 200 and over | 33,176 | 9,322 | 20,137 | 9,709 | 1,108 | 1,491 | 607 | 1,042 |
| Total | 33,590 | 9,525 | 20,334 | 9,894 | 1,123 | 1,503 | 605 | 1,039 |

(a) Including working proprietors.
(b) Acquisitions less disposals
(b) Acquisitions Less disposals
(c) Administrative, technical and clerical employees.
(d) Including both flat rate and graduated contributions.

Including pensions and gratuities paid other than from pension funds. These amounted
in total to $£ 250,000$.

| Table 4 | Percentage analysis of employees, by age and <br> sex, all firms, 1963: United Kingdom (a) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Ages | Males | Females | All employees |  |
| Under 18 <br> 18 and over | Per cent. | 1 | Per cent. |  |
|  | 39 | 8 | Per cent. |  |
|  | 40 | 52 | 9 |  |
|  | Source: Ministry of Labour |  |  |  |  |

(a) The percentages relate to the numbers employed (excluding

The percentages relate to the numbers em.
working proprietors) at mid-June, 1963 .

Footnotes to Table 2.
(a) The following information relates to small firms (employing
fewer than 25 persons) in this industry.

$$
\begin{array}{rr}
1958 & 1963 \\
18 & 13
\end{array}
$$

Number of firms
Average persons employed:
$\left.\begin{array}{l}\text { Working proprietors } \\ \text { Other persons employed }\end{array}\right\} 153\left\{\begin{array}{r}14 \\ 138\end{array}\right.$
(b) Including services rendered to other organisations
(amounts charged for hiring out plant, machinery (amounts charged for hiring out plant, machinery and
other goods. for providing transport or for technical other goods, for providing tren
or other services rendered).
(c) This is the ratio of total sales of principal products
the industry to total sales of goods produced and work
done.
done.
(d) Duty paid on unmanufactured tobacco and on clearances fo home consumpt ion of tobacco manufactured in bond was £1,113,081,000 for 1963 ; similar informat ion in not available for 1958. The value of drawback receivable o
tobacco and of fals exported, deposited, abandoned to tobacco and of al s. exported, deposited, abandoned to
H.M. Customs and Excise, etc. Was $£ 197,419,000$ for 1958
and $£ 196,499,000$ for 1963 . and $£ 196,499,000$ for 1963 .
(e) Including duty paid, less drawbacks, rebates, etc
(f) Administrative, technical and clerical employees.
(g) Including both flat rate and, graduated contributions.
(h) Including pensions and gratuities paid other than from
pension funds.
Excluding expenditure for establishments not yet in production.

TABLE 5 (cont inued)

|  | 1958 |  | 1963 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | Value | $\begin{aligned} & \text { Enter- } \\ & \text { prises } \end{aligned}$ | Entries |
| Snuff for human use | Th. lb . | $£^{\prime} 000$ | Th.1b. | £'000 | Number | Number |
| Sold duty-paid | 651 | 2, 240 | 504 | 1,937 | 6 | 7 |
| Sold duty-free | 38 | 18 | 62 | 34 | 6 | 7 |
| Other manufactured tobacco |  |  |  |  |  |  |
| Sold duty-paid |  |  |  |  |  |  |
| Loose cut tobacco | 1,134 | 3,598 | 3.024 | 11,243 | 9 | 10 |
| Bulk roll and hard tobaccos | 1,831 | 5,411 | 294 | 985 | 6 | 6 |
| Proprietary shags, honeydews, mixtures, etc. | 18,020 | 54,376 | 19,564 | 69,060 | 7 | 9 |
| Proprietary flakes, cut plugs, navy cuts, cut bars, spun cuts, etc. | 9,370 | 29,799 | 9,292 | 35,998 | 8 | 9 |
| Proprietary roll, pigtail, plug and bar | 2.573 | 7,382 | 1.721 | 5,878 | 7 | 7 |
| Sold duty-free | 5,614 | 2,582 | 2,402 | 1,514 | 8 | 10 |
| Total other manufactured tobacco | 38,542 | 103, 148 | 36.297 | 124,678 |  |  |
| Stalks, shorts and other refuse of tobacco (including offal snuff) sold (c) | 16,040 | r $\begin{array}{r}550 \\ 1.530\end{array}$ | \} 5,945 | 60 | * | 6 |
| offals abandoned to H.M. Customs and Excise on drawback (d) | 7,472 | - | 24,243 | - | 14 | 22 |
| Other products | .. | 35 | .. | 492 | * | * |
| Waste products | .. | .. | .. | 28 | 6 | 8 |
| Work done on commission, subcontract work, etc. | .. | 5 | .. | 648 | * | * |
| Total |  | 948,738 |  | 1,167,874 | .. | . |
| Sales in other industries (see Table 6) |  | - |  | - | - | - |
| Principal products of this industry sold by establishments in the industry |  | 948,738 |  | 1,167,874 | 16 | 25(e) |

(a) The weight of cigarette tissues, filter tips, etc. is excluded from the recorded weight of
cigarettes.
(b) Definitions of classes as at 10th Apri1, 1962:

Class $A$ - Retall selling price at or below 1/9d. for 10 .
Class $B$ - Retail Class B - Retail selling price above $1 / 9 \mathrm{~d}$. but not exc
Class C - Retail selling price exceeding $2 / 3 \mathrm{~d}$. for 10 .
(c) The value of drawback receivable was $£ 47,548,000$ for 1958 and $£ 19,253,000$ for 1963
(d) The value of drawback receivable was $£ 22,769,000$ for 1958 and $£ 85,489,000$ for 1963.
(e) This figure represents the tot al 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 combined returns is less than the total number of estab
covering more than one establ ishment.

TABLE 6 Sales of principal products of the industry by establishments classified to other industries, 1958 and 1963
Firms employing 25 or more persons: United Kingdom
No sales of principal products of this industry were recorded by establishments
No sales of principal products
classified to other industries.

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

|  | 1958 | 1963 |
| :---: | :---: | :---: |
|  | £ 000 | £'000 |
| Other than principal products | 170 | 352 |
| Services rendered to other organisations (a) | . | 39 |
| Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored) | 29,752 | 55,058 |
| Canteen takings | 454 | 678 |
| Total | 30,376(b) | 56,127 |

(a) Amounts charged for hiring out plant, machinery or other goods, for providing transport, (b) Excluding amounts charged for services rendered to other organisation

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

This table is not applicable to this industry.

TABLE 9 Purchases of selected principal products of the industry by larger Purchases of
firms, 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

| 1 | 1954 |  | 1963 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quant ity | Cost | Quant ity | Cost |
|  | Th. lb . | £'000 | Th. lb . | £ 000 |
| Materials for processing |  |  |  |  |
| Unmanufactured tobacco | 276,321 | 68,977 | 299,771 | 90,958 |
| Duty-paid cut tobacco purchased |  |  | 65.1 | 216 |
| Stalks, shorts or other refuse of tobacco | 1, | , | 138 | 491 |
| Cigarette paper | . | 1,485 | . | 1,920 |
| Filter tips and materials for making them, including cork tipping or other paper used to join the tip to the tobacco portion |  |  |  | 5,031 |
| Lubricating oils and greases | .. |  | 16.4 | ${ }_{2}^{6}$ |
| Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement | .. | 655 |  | 1.575 |
| All other materials for processing | .. | 2,344 |  | 2,676 |
| Packaging materials |  |  |  |  |
| Paper and board |  |  |  |  |
| Boxes, cartons, packing cases, and drums and canisters (with or without metal ends) of paper, cardboard and fibreboard | .. | 9, 107 | .. | 12,222 |
| 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) |  | 1,016 | . | 4,339 |
| Metal |  |  |  |  |
| Cans and boxes | . | 1,395 |  | 1,515 |
| Aluminium foil and any laminates incorporating aluminium foil (a) | . | 1,524 |  | 3,346 |
| Timber |  |  |  |  |
| Containers wholly or mainly of wood, including plywood boxes and drums, baskets and wickerwork crates | .. | 565 | . | 100 |
| Timber (sawn of planed) for manufacture into packing cases, etc. | . | .. |  | 2 |
| Plywood for manufacture into packing cases | .. | . | . |  |
| Transparent cellulose film (including bags) | .. | 767 | .. | 2,830 |
| All other packaging materials |  | 700 |  | 611 |

TABLE 10 (cont inued)

|  | 1954 |  | 1963 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Cost | Quantity | Cost |
|  | Th.tons | £ 000 | Th.tons | £ 000 |
| Fuel and electricity (b) |  |  |  |  |
| Coal | 18.4 | 79 | 3.3 | 21 |
| Coke (including screenings) and manufactured fuel | 3.9 | 22 | 0.9 | 8 |
|  | Th.gal. |  | Th.gal. |  |
| Derv fuel and motor spirit for use in road vehicles | 739 | 154 | 491 | 107 |
| Other liquid fuels (including creosote/pitch mixtures, etc., and liquefied petroleum gases) | 6,793 | 265 | 10,312 | 387 |
| Gas | Th.therms 631 | 39 | Th. therms | 47 |
| Electricity | $\begin{gathered} \text { Th. } \mathrm{kWh} \\ 50,226 \end{gathered}$ | 297 | $\begin{gathered} \text { Th. } \mathrm{kWh} \\ 100,427 \end{gathered}$ | 633 |
| Total cost of materials and fuel |  | 92,390 |  | 129,044 |
| Goods purchased for merchanting |  | .. |  | 60,357 |
| Canteen purchases |  | .. |  | 494 |
| Total cost of purchases |  | . |  | 189,894 |

(a) Described in 1954 as 'Foil (including backing papers)'.
(b) Owing to the risk of disclosure of informat ion relating to individual firms the quantity of

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. | 530 |
| Transport costs |  |  |
| Wages and salaries | £'000 | 436 |
| Derv fuel and motor spirit | " | 107 |
| Payments to other organisations for transport | * | 2,573 |
| Costs of operating road goods vehicles |  |  |
| Insurance | " | 9 |
| Vehicle licences | " | 12 |
| Depreciation | " | 62 |
| Payments to other organisations for repairs and maintenance | " | 35 |
| Total |  | 3,236 |

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 | 380 |
| Road goods vehicles | 35 |
| Plant, machinery, and other capital equipment | 747 |
| Insurance, licensing and depreciation of road | 84 |
| goods vehicles (b) | 604 |
| Rates, excluding water rates | 604 |
| Hire of plant and machinery | 118 |
| Postage, telephone, telegrams and cables | 342 |
| 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 periods covered by returns from larger firms, 1963 Firms employing 25 or more persons:
United Kingdom

| Year ended | Percentage of <br> total nimber <br> employed | Year ended | Percentage of <br> total number <br> employed |
| :--- | :---: | :---: | :---: |
| 1963 | Per cent. | 1963 <br> (contd.) | Per cent. |
| April (a) | 0.0 | November | 0.0 |
| May | 0.0 | December | 42.7 |
| June | 1.5 | 1964 |  |
| July | 0.0 | 196 |  |
| August | 0.4 | January | 0.9 |
| September | 0.0 | February <br> October | 54.1 |

(a) Including returns made for twelve-month periods ended

Including returns made
1st to 5 th April, 1964.

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

This table is not applicable to this industry.

Notes - continued from page ii

Capital Expenditure (continued)
(ii) Land and existing buildings.

The items shown are the capital cost of
freeholds purchased and the capital cost premium payable for leaseholds acquired
pren
(excluding late (excluding the value of any assets acquired
in taking over an existing business) and in taking over an existing business), and
the amounts receivable for any freeholds or the amounts rece ivable for any freeholds or
leaseholds disposed of. The value is that
charged to capital
charged to capital account during the year
.
Plant, machinery and vehicles.
The items shown are the value of plant and
machinery and of vehicles acquired mach inery and of vehicles acquired,
new and second-hand, and the amount received for items disposed of during the year. The value of plant and machinery
acquired includes plant, etc. which firms produced for the ir ownt, use in connection with the business covered by the return. The value of plant, etc. acquired is the
expenditure charged to capital account expeng the year of return less any dis-
during the
counts received, but including the counts received, but including the cost of
transport and installation. No deduct ion is made for depreciation, amortisation or obsolescence. The procaeds of it ems
disposed of during the disposed of during the year exclude amounts
written off for items scrapped. Capital expenditure during the year in respec of manufacturing establishments where pro-
duction 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 i defined. They are products commonly associa
ted in production and are usually similar in nature or manner of production. In most cases the characterist ic products of each sub-
division are indicated in Table 5 of division are indicated in Table 5 of the
industry reports. For those industries Which an analysis by sub-divisions has been nade, Table 2 shows the total sales of such
characterist ic products for each sub-division The totals include. besides the products which def ine the sub-division, other items of output assumed to be closely related to them, e.g.

Enterprise
The term enterprise is used in this report to ontrol. An enterprise normally consists either of a single firm, or of a parent company ether with its subsidiary companies
Entries
The number of entries shown in Tables 5, 6 and 8 against a particular output or production eading is the number of returns on which
igures were recorded for that item.
Establishment
The census was based on the establishment comprising in most cases the whole of the premises under the same ownership or manageme mine): but firms were asked to exclude fro all sections of their returns particulars elating to any department not engaged in proccounts. Where separate accounts were of kept, they were asked to include merchanting o
ancillary activities such as bottling, packing and the manufacture of containers for packing
their own products, whether or not these their own products, whether or not these
activities are carried on at as the works. Building and engineering
Bare 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 fied to the industry. It is derived by subtracting 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
Larger Firms
These are firms in which twenty-five or more persons were employed on the average during the Net Outpu
The net output of an industry represents the value added to materials by the process of pro-
duction. It includes the ress margin duction. It includes the gross margin on any
merchanted or factored goods sold: it constitutes the fund from which wages, salaries,
insurance, pensions, hire of plant and stitutes the fund from wich wages, salar
insurance, pensions, hire of plant and machinery, payments for repairs and mainten-
ance, costs of operating road vehicles, rents, ance, costs of operating road vehicles, rents, expenses and ali other similar charges have to be met, as well as depreciation and profits.
There is no appreciable duplication in net out put. Net output has been obtained by deduct-
ing from the gross output the cost of purchases ing from the gross output the cost of purchases
adjusted for stock changes, payments for work adjusted for stock changes, payments for wor
given out to other firms, and payments for given out
transport.
Normally any customs or excise duty
materials purchased is or excise duty on materials purchased is included in the cost of
materials.
Similarly, finished goods sold
have been valued as they have been valued as they were sold, duty paid o
duty free. The amounts of duty, subsidies. duty free. The amounts of duty, subsidies,
all where of subst ant ial importance in the industry
were required to be stated separately and thes were required to be stated separately, and thes
items were taken into account when calculat items were
net output.
Net output per person employed
The figures for net output per person employed average number of persons employed ( and part-time) on all activities covered time returns, including operatives, administrative technical and clerical employees and working Principal Products
in principal products of an industry are those in terms of which the industry is def ined. They are products commonly associated in pro-
duction, and are usually similar in nature or manner of production.
Production
This means the total quantity of a product made during the year, whether sold in the year, added to stock, transferred to another department of
the same firm, or used in the manufacture of the same firm, or used in the manupacture of
other products within the business covered b the return. It includes goods produced from
materials supplied by other firms. materials supplied by other firms.

Purchases Purchases include the cost of materials and Pomponents bought for use in production; of
fuel and electricity for all purposes; of pack
aging materials. including the full cost of reaging materials, including the full cost of
turnable cases and containers when first urnable cases and containers when first
purchased; of workshop materials, of fice purchased; of workshop materials, office own buildings, plant and vehicles when carried ut by the ir own workpeople included in the
eturn; of consumable tools; and of parts fo nachinery purchased during the year as replace-
nents. Water charges are also included. In ments. Water charges are also included. In actor ing and canteen supplies are included.
laterials supplied by customers for processing aterials supplied by customers for processing are excluded.
The values shown include any duty paid (less
rebate, etc.) but exclude trade discounts ebate, etc.) but exclude trade discounts
allowed. The cost of transport is included Howed. The cost of transport is included
only if included in the cost of materials as invoiced; amounts paid to transport or ganisaions, including firms' own separate transport
organisations, for delivery of materials and organisations, for del ivery of materials and
fuel are, therefore, excluded. Materials 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 the ir full delivered cost
if invoiced 'carriage paid home'. Materials Invoiced 'carriage paid home'. Materials
nd 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 estimated selling value recorded 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 outworkers or by other firms from aterials given out to them (somet imes described
a goods made on commission) and waste products. Any machinery or other capital items produced or use in the business covered by the return the firm's capital asset account. Goods sold
without being subjected to any manufacturing without being subjected to any manufactur ing
process (merchanted or factored) and canteen takings are included as in 1958 .
The value shown for sales is the net selling alue, def ined as the amount charged to customers whet her on an ex-works or delivered
basis, net of any trade discounts, agent $s^{\text {. }}$ comis, niot of allowances for returnable cases, purchase tax, etc.:. the net amount charged for
packing materials is included. Goods charged packing materials is included. Goods charged
on a dellivered bas is to customers overseas are included at the f.o.b. value. For work done on
commission or for the trade the value shown is ommission or for the
the net amount charged
Where goods produced in one department were
transferred to another department of the same
transferred to another department of the same
firm not covered by the return, these transfers 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 purchaser. hat been solld to an independent purchaser. Coods transferred to wholesale or retail sell-
ing organisations for which separate accounts ing organisations for which separate acc
were kept were valued on the same basis.
Est imations of a similar kind were also some-
imes necessary in valuing transfers between ifferent firms belong ing to the same enter prise. To the extent that the sales of
finished products of one establishment finished products of one establishment may
constitute the materials purchased by another onstitute the materials purchased by another
total figures of the value of sales (and of naterials and fuel purchased) include an
element of duplication.
Services rendered
This represents the amounts charged for hirirg
out plant, machinery and other goods, providing out plant, machinery and other goods, prov
transport, or for any technical or other
, or for any technical goods,
services rendered to other organisations. It
includes amounts credited for similar services rendered to bthe return.
Small Firms
These are firms in which fewer than twenty-five persons were employed on the average during the

Stocks and Work in Progress Stocks and Mork in Progress
Values are given of stocks of goods on hand for
sale, and of materials and fuel, at the beginning and end of the year of return, including any stocks of goods held for merchanting or
factoring. The values include duty in the case actoring. The values include duty in the case
of dutiable goods held out of bond. The value work in progress at the two dates is also usually shown. This excl ludes any progress payments made to sub-contractors, and no de-
duction is made on account of progress payments eceived
Transport Payments
These represent the total amount paid or
credited during the year for both outwards reditep during the year for both outwards
ransport of finished goods sold and inward transport of finished goods sold and inwards
transport of materials and fuel-purchased. They include payments to other firms, and to
thy separate transport organisation of the same ny separate transport organisation of the same
irm, not covered by the return, but exclude irm, not covered by the return, but excluse business covered by the return. The items included are payments for hired cartage and for
inwards and outwards carriage by all forms of inwards and outwards carralage by all orms of canals, coast-wise shipping, air, etc. payments made for sea freight on goods sold to to
customers overseas and on materials and fuel 1 customers overseas and on materials and excluded.
Wages and Salaries
These are the amounts paid during the year to operatives and to administrative, technical
and cler 1 al nd clerical employees. Payments to working proprietors, whether called salaries or no
are excluded; in Northern Ireland this are excluded; in Northern Ireland this
exclusion extends also to payments to directors of 1 imited companies. The values shown include all overtime payments, bonuses
and comnissions, whether paid regularly or not nd no deduction is made for income tax. insurances, contributory pensions, etc.
value of any payments in kind, travelling expenses, 10 dg ing allowances, etc. and employers' contributions to National Insuranc nd pension schemes is excluded.
Work given out
The figures shown represent the total amount paid for work done by other firms on materials
supplied to them, and also by firms' own supplied to them, and alshon feparate returns were made. They do not include payments to and other services.

## Symbols used

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

## Rounding of Figures

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

```
Part No. and title
Introductory Note
Stone and Slate Quarrying and Mining
4
5 Metalliferous Mining and Quarrying
Mining and Quarrying
Mining and Qua
& Bread and Flour Confectionery
| Bacon Curing, Meat and Fish Products
l
Sugar Chocolate and Sugar Confectionery
l
li
6 Margarine and Poultry Foods
4 Margar ine
Starch and Miscellaneous Foods
lol
lol
Cobe Ovens and Manufactured Fuel
\2. Coke Ovens and Manufactured F
24 Lubricat i
26 Fertilizers and Chemicals for Pest Control
28 Pharmaceutical Preparations
28 Pharmaceutical Prepa
#. Explosives and Fireworks
l
33 Soap, Detergents, Candles and Glycer in
34 Synthet ic Resins and Plastics Materials
l}\begin{array}{l}{35\mathrm{ Polishes }}\\{36}\\{Gelat ine.}
Adhesives, etc.
37. Iron and Steel (General)
l
l
42 Metal-working Machine Tools
lol
45 Textile Machinery and Accessories
*)
48 Office Machinery
49 Miscellaneous (Non-electrical) Machinery 
50 Industrial Plant and Steelwork
52.General Nechanical Engineer ing
M Instruments, etc.
54 Hatches and, Clocks
55 Electrical Machinery 
57 Telegraph and Telephone Apparatus 
lol
lol
60 Miscellaneous Electrical Goods
l
Cycle Manufacturing
65 Locomot Manufactur ing and Repairing
66 Railway Carriages and Wagons and Trams
68 Perambulators, Hand-trucks, etc.
```

Part No. and title
69 Cutlery
69 Cut lery
70 Bolts.
69 Cutlery
70 Boits, Nuts, Screws, Rivers, et
71 Wire and Wire Nanufactures
72 Cans and Metal Boxes
73 竍
72 Cans and Metal Boxes
73
Jewellery, Plate and Refining of Precious
Metals
74 Miscell laneous Metal Manufactures
75 Product ion of Man-made Fibres
75 Product ion of Man-made Fibres
76 Spinning and Doubling of Cotton, Flax and
76 Spinning and Doubling of Cotton, Flax and
Man-made Fibres
77 Heaving of Cotton, Linen and Man-made Fibres
78 Hoollen and Worsted
78 Hoollen and worsted
79
70
Jope
78 Woollen
79 Jute
80 Rope, T
81 Hosiery
80 Rope, Twine and Net
81 Hosiery and other Knitted Goods
81 Hosiery
82 Lace
83
83 Carpets
84 Narrow Fabrics
85 Household Text
84 Narrow Fabrics
85 Household Textiles and Handkerchief
85 Household Text iles and
86 Canvas Goodd and Sacks
87 Textile Finishing
87 Textile Fi
88 Asbestos
88 Asbestos
9 Miscell
89 Miscellaneous Textile Industries
90 Leather (Tanning and Dressing) and
Fellmongery
Leather Goods
91 Leath
91 Leat
92
93
92 Fur
Yeatherproof Outerwear
Men's and Boys' Tailored
4 Men's and Boys' Tailored outerwear
94 Men's and Boys' Tailored Outerwear
95 Women's and Girls' Tailored Outerwear
96 Overalls and Nen's Shirts, Underwear, et
95 Women's and Girls' Tailored Outerwear
96 Overalls and Nen's Shirts, Underwear, etc.
97 Dresses, Lingerie, Infants' Wear, etc.
Dresses, Lingerie, Infants' Wear, etc.
8 Hats, Caps and Millinery
8 Hats, Caps and Millinery
99 Corsets
00 Gloves
01 Footwear
eclay and Refractory Goods
02 Bricks,
03 Potcery
Fireclay and Refractory Goods

| 03 Potery |
| :--- |

104 Golters
105 Cement
${ }^{04}$ Glass
105 Cement
06 Abrasives
107 Miscellane
7 Miscellaneous Building Materials, etc.
8 Timber
7 Miscell
09 Timber

11 Shop and off ice Furtinish
12 Hooden Containers and Basket
12 Wooden Container Fitting and Baskets
13 Miscellaneous Mood and Cork Nanuf actures
113 Miscell laneous Hood and Cork Manufactures
14 Paper and Board
13 Miscellaneous hood and Cork Manufactures
14 Paper and Board
15 Cardboard Boxes, Cartons and Fibre-board
Packing Cases
16 Miscell laneous Manufactures of Paper and Boarc
17 Print ing and Publ ishing of Newspapers and
17 Print ing and Publishing of Newspapers and
8 Periodicals $\begin{aligned} & \text { Gent Printing, Publishing, Bookbinding, }\end{aligned}$
General Printin
Engraving, etc
Engrav
19
120 Linoleum, Leathercl
121 Brushes and Brooms
122 Toys, Ganes and Spo
121 Brushes and Brooms
22 Toys, Games and Sports Equipment
23 Miscellaneous Stationers ${ }^{2}$. Coods
124 Plastics Noulding and Fabricat ing
25 Miscellaneous Manufacturing Industries
Construction
127 Gas
128 Electricity
129 Hater Supply
28 Electricity
29 Wrater Supply
30 Index of Products
31 Summary Volume
31 Summary Volume
32 Summary Volume

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[^0]:    (a) For 1963 , estimates for small firms and for firms not making satisfactory returns accounted for
    less than 1 per cent. of the total figures in which they were incorporated. (For and 1958 the comparable figure was also less than 1 per cent.) A summary of the detailed returns receive 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) Including duty paid, less drawbacks, rebates, etc.
    (d) Administrative, technical and clerical employees.
    (e) Including pensions and gratuities paid other than from pension funds,
    (f) Excluding expenditure for establishments not yet in production.
    (g) Acquisitions less disposals.

