 4 A 251

## Report on the Census of Production 1963

41 Agriculural madinery (ereep t tractors)

Report on the Census of Production 1963

41 Asticulural mactiney yeceep tractors)

## Notes

These notes give the main information needed for interpreting the figures in the industry repor
More detailed informat ion about the Census is given in a separate booklet - Introductory Notes': Part 1 of the Report on the Census of
Production for 1963.)

GENERAL INFORMATION
Changes in the 1963 census
There were few changes resulting from amendments
o the Standard Industrial Classification and
nly minor changes in the scope of certain only minor changes in the scope of certain
industey reports compared with 1958. Any such hanges are explained in the introduct ions to the industry re
to the tables.
Industrial Classification
Establishments were classified to industries on
the basis of major activity in conformity with he second edition of the Standard Industrial lassification (Consolidated Edition 1963, incorporat ing Amendment 1). Each industry was
basically defined in terms of its principal products, these being of a similar nature or commonly associated in production. Normally,
an establishment was classified to an industry a
f its sales of the principal products of that industry accounted for a greater proportion of
its total sales than did its sales of the principal products of any other industry. However, where the application of this rule would have resulted in a change of classificat ion
between 1958 and 1963 , the establishment was etwen 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 nore than one third greater than the sales of
rincipal products of the previously predominater principal products of the previously predomina
industry. This modification of the general ule was introduced for 1958 to avoid discontinuities which would result from marginal
changes in sales between successive censuses. The principle of classifficat ion by major
output was also normally followed in compiling output was also normally followed in compiling
the analysis by sub-divisions of an industry. In certain industr ies, classification was dealt with in a different way. Details of any non-standard treatment are given in the int
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
persons on the payroll (i.e. whose National
Insurance cards were held by them) on the
Insurance cards were held by them) on the
average during the year of return, whether fullaverage during the year of return, whether full-
time or part-time employees. Separate figures
were required for (a) administrative, technical were required for (a) administrative, technical and clerical employees and (b) operatives (se
below). Averages could be calculated from ee iow). Averages could be calculated from
figures relating to the last week of each calendar month; figures shown in respect of the verage number employed relate to the sum of
hese averages. Firms were also required to Firms were also required to
state the number of working proprietors (see below) where appropriate and these are included
in total employment $f$ igures. Outworkers are ex luded.

The figures include persons engaged in merchanting or factoring and canteen workers here particulars in respect of these
could not be excluded from the return.
Working Proprietors
These include all persons regarded as 'self-
employed' for National Insurance purposes, and employed' for National Insurance purposes, and members of the ir 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. the normal number of working hours are exclude
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, but are excluded for 1958 For Northern Ireland, directors of limited
companies, other than those paid by fee only, ompanies, other than those paid by fee only,
are included for both years. (Directors paid by only are not included in any of the
employment figures for either year.)
Employees
(i) Administrative, technical and clerical employees include managers, super intendents and works foremen; research, experimental,
development, technical and design employees (other than operatives); draughtsmen and tracers; editorial staff, staff reporters, canvassers, competition and advertising
staff; travellers; and office (including staff; travellers; and office (including
works office) employees. For Great works ofte but not for Northern Ireland, they
Britaind
include also managing and other directors include also managing and other directors in rece ipt
commission.
(ii) Operatives include all other classes of employes, that is, broadly speaking, all
manual wage earners. They include those manual wage earners. They include thos
employed in and about the factory or employed in and houses, transport work, stores, warehouses, shops and canteens; inspectors, viewers
and similar workers; maintenance workers; and cleaners. Operatives engaged in out-
side work of erection, fitting, etc. are side work of erection, fitting, etc. are
also included, but outworkers (i.e. persons employed by the $f$ irm who worked in their own homes, etc., on materials
supplied by the firm) are excluded.
supplied by the firm) are excluded.
Information about the numbers of outworkers inployed was collected only for the gloves
industry. ind
Capital Expenditure
(i) New building work.
the year of new buildin incurred during onstructional work (including of fice onstructional work (including of fice
buildings, canteens and the like used in connect ion with the business covered by the
return but not dwelling houses for return but not dwelling houses f
employees). The value is that employees). The value is that charged to
capital account during the year of return apital account during the year of return;
t includes expenditure on new buildings or on the extension or reconstruction of old buildings, the value of work of a capital
nature carried out by firms' own staff, and nature carried out by firms own staif, and
he cost of any newly constructed buildings purchased. The figures shown include any egal charges, stamp duties, agents
ommissions, etc.

41 Agricultural machinery (except tractors)

This Report on the Agricultural Machinery (except Tractors) Industry relates to establishments engaged wholly or mainly in manufacturing agricultural machinery and implements (including self-propelled agricultural machinery) such as ploughs, arrows, reapers, binders, threshers, elevators, etc. Milking machines are ncluded, buch machinery and appliances, tractors and hand tools such a spades, are excluded.

This industry corresponds to minimum list heading 331 in the Standard Industrial Classification (Consolidated edition, 1963).

## TREATMENT OF PARTS

In reports for this and other mechanical engineering industries, a distinction is made between parts sold in association with the sale of complete machines, and other parts sold. The only parts shown in Table 5 are those included on returns agricultural machinery; where the return was classified to another industry, these parts are al so shown, together with the complete machines, in Table 6 .

Parts of agricultural machinery included in returns which showed no sales of the omplete machines are treated as principal products of the General Mechanical pecialist manufacturers of other types of machinery

Sales of all parts of aynicultanal
Sales of all parts of agricultural machinery (i.e. whether or not sold in解 in this report.

## METHOD OF CLASSIFICATION

n classifying returns to this industry sales of machinery parts and work done (other than structural and installation work), including repair work, were not eturn (in which case the return was classified to General Mechanical Eng ineering (Part 52)). Exceptionally, however, machinery parts were taken into account where the return would otherwise have been classified outside the mechanical engineering group of industries. The standard classification procedure was further modified here a return would have been classified to one of the mechanical engineering nclusive), but the sales of the principal products of the industry concerned accounted for less than 20 per cent. of the total output: in such cases the return was classified to the residual sub-division of the Miscellaneous (Non-electrical) lachinery Industry (Part 49).

For 1963, but not for earlier censuses, the amount charged for erect ing and installing machinery and plant (other than air conditioning, heating and ventilating plant) was treated as part of the selling

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

| $\begin{aligned} & \text { Table } \\ & \text { No. } \end{aligned}$ | Title | Page |
| :---: | :---: | :---: |
| 1 | Industry summary: United Kingdom. Estimates for all firms, 1958 and 1963 | 41/3 |
| 2 | Summary of returns received from larger firms, 1958 and 1983 | 41/4 |
| 3 | Analys is of larger firms by size of enterprise within the industry, 1963 | 41/5 |
| 4 | Percentage analysis of employees, by age and sex, all firms, 1963: United Kingdom | 41/6 |
| 5 | Sales of principal products of the industry by larger firms, including sales by establishments classified to other industries, 1958 and 1963 | 41/7 |
| 6 | Sales of principal products of the industry by establishments classified to other industries, 1958 and 1963 | 41/9 |
| 7 | Sales of other than principal products by larger firms in the industry, 1958 and 1963 | 41/10 |
| 8 | Production of certain principal products of the industry by larger firms, including production by establishments classified to other industries, 1958 and 1963 | $\begin{aligned} & \text { DoEs } \\ & \text { NOT } \\ & \text { APPLY } \end{aligned}$ |
| 9 | Purchases of selected principal products of the industry by larger firms, 1963 | $\begin{aligned} & \text { DoEs } \\ & \text { NPTL } \\ & \text { APPLY } \end{aligned}$ |
| 10 | Purchases by larger firms in the industry, 1954 and 1963 | 41/11 |
| 11 | Transport costs and employment of larger firms, 1963 | 41/14 |
| 12 | Payments for certain services, etc. by larger firms, 1963 | 41/14 |
| 13 | Percentage analysis of twelve-month periods covered by returns from larger firms, 1963 | 41/15 |
| 14 | Sales of all parts of agricultural machinery (except tractors) by larger firms, including sales by establishments classified to other industries, 1958 and 1963 | 41/16 |

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

|  | Unit | 1958 | 1963 |
| :---: | :---: | :---: | :---: |
| Number of enterprises | No. | 300 | 306 |
| Number of establishments | * | 318 | 323 |
| Gross output | £ 000 | 55, 146 | 72, 266 |
| Net output | - | 22,774 | 32,388 |
| Net output per head | $\varepsilon$ | 1,145 | 1.571 |
| Sales and work $\quad\{$ goods produced and work done | \& 000 | 51,585 | 61,014 (b) |
| Sales and work done $\quad\left\{\begin{array}{l}\text { gerchanted goods and canteen takings }\end{array}\right.$ | , | 3,156 | 12,679 |
| Purchases $\quad\left\{\begin{array}{l}\text { materials for processing and } \\ \text { packaging, and fuel }\end{array}\right.$ | * | 29,409 | 29,460 |
| goods for merchanting and anteen purchases | " |  | 8,159 |
| Payments to other $\quad\left\{\begin{array}{l}\text { for work done on materials given out }\end{array}\right.$ | - | 1,041 | 976 |
| organisations $\{$ for transport | - | 1,179 | 907 |
| Stocks and work in progress |  |  |  |
| $\begin{aligned} & \text { Total stocks and work in } \\ & \text { progress } \end{aligned}\left\{\begin{array}{l} \text { change during year } \\ \text { at end of year } \end{array}\right.$ | " | $\begin{array}{r} 318 \\ -\quad 17,167 \end{array}$ | $\begin{array}{r} -\quad 1,803 \\ 22,465 \end{array}$ |
| Goods on hand for sale $\quad$ change dur ing year | - | + 453 | - 1,461 |
| Goods on hand for sale $\left\{\begin{array}{l}\text { at end of year }\end{array}\right.$ | * | 5,890 | 9,284 |
| Work in progress $\quad\left\{\begin{array}{l}\text { change during year } \\ \text { at end of year }\end{array}\right.$ | - | - 28 | 34 |
|  | - | 3,676 | 4,012 |
|  | * | - 743 | - 377 |
| terials, stores and fuel $\{$ at end of year | * | 7,801 | 9,169 |
| (total, including working proprietors | Th. | 19.9 | 20.6 |
| Average number employed $\quad$ operatives | - | 14.5 | 14.8 |
| other employees (c) |  | 5.4 | 5.5 |
| Weres and $\quad$ of operatives | \&'000 | 8,047 | 10,367 |
| Wages and salaries $\quad\left\{\begin{array}{l}\text { of other employees (c) }\end{array}\right.$ | . | 3,434 | 4,531 |
| Employers' contributions to National Insurance and private pension schemes, etc. (d) | * |  | 1,016 |
| Capital expenditure (e) |  |  |  |
| Total | * | .. | 1,763 |
| New building work |  | 280 | 526 |
| Land and existing buildings (f) | , | . | - 84 |
| Plant and machinery ( $f$ ) |  | 601 | 1,145 |
| Vehicles ( f ) | * | 169 | 176 |

(a) For 1963 , estimates for small firms and for firms not making satisfactory returns accounted for about 12 per cent. of the total figures in which they were incorporated. (For 1958 the
comparable figure was 10 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 transpor
c) Administrative, technical and cersions and gratuities paid other than from pension funds
(e) Excluding expenditure for establishments not yet in production.
(f) Acquisitions less disposals.

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


[^0]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 he enterpe industry (a) | $\begin{aligned} & \text { Enter- } \\ & \text { prises } \end{aligned}$ | Estab-lishments | Average employed (a) | $\begin{gathered} \text { Gross } \\ \text { output } \end{gathered}$ | $\begin{gathered} \text { Net } \\ \text { output } \end{gathered}$ | Net output per head | Capital ture (b) | Total <br> value of stocks and progress at end of year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Number | Number | \&'000 | £ 000 | \& | \& 000 | \&.000 |
| 25-49 | 19 | 19 | 710 | 1,415 | 704 | 991 | 39 | 361 |
| 50-99 | 25 | 28 | 1,801 | 6,081 | 2,546 | 1,413 | 203 | 933 |
| 100-199 | 15 | 19 | 2,142 | 7,808 | 3,079 | 1,437 | 163 | 1,688 |
| 200-299 | 3 | 3 | 656 | 1,866 | 937 | 1,428 | 84 | 700 |
| 300-399 | 7 | 9 | 2,398 | 8,387 | 3,560 | 1,486 | 120 | 2,653 |
| 400 and over | 8 | 10 | 10,494 | 38,234 | 17,765 | 1,693 | 947 | 13,495 |
| Total | 77 | 88 | 18, 199 | 63,790 | 28,589 | 1,571 | 1,556 | 19,830 |

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

| Average number employed by the enterprisein the industry (a) | Employees |  | Wages and salaries |  | Employers ${ }^{\circ}$ contributions |  | Wages and salaries per head |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Oper- } \\ & \text { atives } \end{aligned}$ | $\begin{aligned} & \text { Others } \\ & \text { (c) } \end{aligned}$ | $\begin{aligned} & \text { Oper- } \\ & \text { atives } \end{aligned}$ | Others (c) | National Insurance (d) | Private <br> pension <br> schemes schemes;etc. (e)! | Oper- <br> atives | Others (c) |
|  | Number | Number | \& 000 | \& ${ }^{\prime} 000$ | \&.000 | \& 000 | $\varepsilon$ | $\varepsilon$ |
| 25-49 | 544 | 156 | 298 | 106 | 19 | 2 | 548 | 678 |
| 50-89 | 1,391 | 384 | 844 | 303 | 48 | 15 | 607 | 790 |
| 100-199 | 1,511 | 625 | 962 | 501 | 67 | 22 | 637 | 802 |
| 200-299 | 548 | 108 | 360 | 81 | 15 | 7 | 656 | 752 |
| 300-399 | 1,488 | 907 | 1,065 | 766 | 68 | 53 | 716 | 845 |
| 400 and over | 7,738 | 2,752 | 5,761 | 2,302 | 334 | 261 | 744 | 836 |
| Total | 13,220 | 4,932 | 9,289 | 4,060 | 551 | 360 | 703 | 823 |

(a) Including working proprietors
(b) Acquisitions less disposals.
(c) Administrative, technical and clerical employees.
(d) Including both flat rate and graduated contributions.
(e) Including pensions and gratuities paid other than from pension funds. These amounted
in total to $\& 67,000$.
$\begin{array}{ll}\text { TABLE } 4 & \begin{array}{l}\text { Percentage analysis of employees, by age and } \\ \text { sex, all firms, 1963: United Kingdom (a) }\end{array}\end{array}$

| Ages | Males | Fenales | All employees |
| :---: | :---: | :---: | :---: |
| Under 18 | Per cent. | Per cent. | Per cent. |
|  | 7 | 2 | 9 |
|  | 81 | 10 | 91 |
|  | 88 | 12 | 100 |

Source: Ninistry of Labour
(a) The percentages relate to the numbers employed (excluding The percentages relate to the numbers enp
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. It inct
an estimate for small firms not making satisfactory an estimare for smant for 3 per cent. of the employment
returns which account
shown for 1963 and 6 per cent. for 1958 .

> Number of firms
> Average number employed:
$1958 \quad 19$
$\left.\begin{array}{l}\text { Working proprietors } \\ \text { Other persons employed }\end{array}\right\} 1,814\left\{\begin{array}{r}309 \\ 1,590\end{array}\right.$
(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
This is
(c) This is the ratio of total sales of principal products by
the industry to total sales of goods produced and work done.
(d) Administrative, technical and clerical employees
(e) Including both flat rate and graduated contributions.
(f) Including pensions and gratuities paid other than from
pension funds.
(g) Excluding expenditure for establishments not yet in production.

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

|  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |

TABLE 5 (cont inued)

|  | 1958 |  | 1963 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | Value |  | Entries |
|  |  | £'000 |  | \&'000 | Number | Number |
| WORK done |  |  |  |  |  |  |
| Agricultural machinery and plant erected and installed |  |  |  | 964 | 13 | 13 |
| Research and development work done for customers (including Government Departments) | , | $45(\mathrm{j})$ |  | - | - | - |
| Total |  | 48,395 |  | 51,888 | . | .. |
| Sales in other industries (see Table 6) |  | 10,407 |  | 9,878 | . | $\cdots$ |
| Principal products of this industry sold by establishments in the industry |  | 37,988 |  | 42,010 | 77 | $82(\mathrm{k})$ |

(a) Described as mechanical draft ploughs in 1958
(b) Described as cultivators and grubbers in 1958.
(c) Described as planters, drills and seeders in 1958.
(d) Described as reapers and binders in 1958.
(e) Described as combine harvester-threshers and threshers in 1958.
(f) Described as potato and sugar beet lifters in 1958.
(g) Described as hay and corn elevators in 1958.
(h) This figure includes some parts in association with the sale of complete machines
(i) For details of these parts see Table 14.
(j) So far as recorded separately.
(k) 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 combined return covering more than one establishment.

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

|  | 1958 |  | 1963 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - unatay | Quantity | Value | Quantity | Value | Entries | Principal industries in which produced (a) |
| Agricultural machinery, other than tractors | Number | \& 000 | Number | \& 000 | Number |  |
| Tractor ploughs, and cultivators, harrows other than disc harrows, and tractor hoes |  |  |  |  |  |  |
| Complete $\{$ | 7,894 | $\left.\begin{array}{l} 356 \\ 101 \end{array}\right\}$ |  | 478 | 26 | 44, 49, 62, 74 |
| Parts | . | 52 |  |  |  |  |
| Seed drills, planters, fertilizer distributors and broadcasters |  |  |  |  |  |  |
| Complete | - | - | 5,271 | 234 | 7 | 44,46,49 |
| Parts | - | - |  | 7 | 6 | (b) |
| Spraying machines for insecticides and herbicides |  |  |  |  |  |  |
| Complete |  |  |  | 182 | 10 | 44,47,64,74 |
| Parts |  | 85 | .. | 53 | 6 | 44,47 |
| Hay and grass mowers Complete and parts | - | - | .. | 8 | 7 | (b) |
| Potato, sugar beet harvesters, <br> diggers (all types), lifters, <br> spinners and ploughs |  |  |  |  |  |  |
| Complete | - | - |  | 39 | 6 | 49 |
| Parts | - | - |  | 10 | 6 | (b) |
| General purpose (agricultural) elevators, grain augers and conveyors |  |  |  |  |  |  |
| Complete and parts | . | 234 | . | 685 | 18 | 44,46, 49,50 |
| Grain and grass driers |  |  |  |  |  |  |
| Complete $\{$ | 555 | 115 61 | 980 | $\begin{aligned} & 518 \\ & 116 \end{aligned}$ | $\}{ }^{13}$ | 39,44,49,50 |
| Parts | .. | 48 |  | 16 | 7 | (b) |
| Combined harvester-threshers |  |  |  |  |  |  |
| Complete and parts | .. | 563 |  |  |  |  |
| Other agricultural machinery |  |  |  |  |  |  |
| Complete |  | 5,138 |  | 6,277(c) | 46 | 44,46,49,62 |
| Parts |  | 581 |  | 576 (d) | 34 | 44,46,49,50 |
| Unclassified |  |  |  |  |  |  |
| Complete and parts | .. | 2,873 | , |  |  |  |
| Agricultural machinery and plant erected and installed |  | - |  | 680 | 9 | 47, 49, 50, 62 |
| Total |  | 10,407 |  | 9,878 | . |  |

[^1]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

Iron castings in the rough or machined, and patterns of
wood and metal wood and metal
Contra
parts
Metal-working machine tools complete and parts
Other miscellaneous non-electrical industrial machinery Complete and parts
Industrial plant and steelwork other than boilers and
boilerhouse plant boilerhouse plant
Wheeled and half-track tractors
Complete
Parts
Industrial and works trucks and tractors, motor bodies, trailers (motor drawn) and caravans
Other metal manufactures
Other products
General mechanical engineering
Repair and jobbing work
Other work done on commission
Other miscellaneous mechanical engineering
Services rendered to other organisations (a)
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored) Canteen takings

\begin{tabular}{|c|c|c|c|}
\hline \multicolumn{2}{|c|}{1958} \& \multicolumn{2}{|c|}{1963} <br>
\hline Quantity \& Value \& Quantity \& Value <br>
\hline \multirow{17}{*}{Number
2,116
$\ldots$
.

.
$\cdots$

.} \& £ 000 \& \& \& 000 <br>
\hline \& 53 \& .. \& 110 <br>
\hline \& 1,481 \& .. \& 3,199 <br>
\hline \& \& .. \& 289 <br>
\hline \& \& .. \& 1,794 <br>
\hline \& 548 \& .. \& 555 <br>
\hline \& \& \& <br>

\hline \& $$
\left.\begin{array}{r}
1,090 \\
422
\end{array}\right\}
$$ \& \& 448 <br>

\hline \& 631 \& .. \& 1,370 <br>
\hline \& \& . \& 208 <br>
\hline \& \& .. \& 2,235 <br>
\hline \& 353 \& \& 285 <br>
\hline \& 189 \& \& 920 <br>
\hline \& 408 \& \& 440 <br>
\hline \& .. \& \& 16 <br>
\hline \& 2,783 \& .. \& 11,134 <br>
\hline \& 54 \& \& 57 <br>
\hline \& 11,203(b) \& \& 23,039 <br>
\hline
\end{tabular}

(a) Amounts charged for hiring out plant, machinery or other goods for providing transport or b) Exclun

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 firms, 1963

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 |
|  |  | £.000 |  | \& 000 |
| Materials for processing (continued) |  |  |  |  |
| Paint and varnish (including lacquers and stains) | .. | 420 | .. | 394 |
| Synthetic resins and plastics materials (excluding leathercloth and reinforced plastics) | .. | (h) | . | 38 |
| Refractory materials | .. | 6 | .. | 17 |
| Rubber, including hard rubber, balata, gutta-percha and synthetic rubber in all forms, including finished parts | .. | 1,011 | .. | 1,112 |
| Timber |  |  |  |  |
| Sof twood, sawn or planed, but not further prepared or manufactured |  | 284 |  | 114 |
| Hardwood, sawn or planed, but not further prepared or manufactured |  |  |  | 130 |
| Plywood, including blockboard, laminboard and battenboard | Th. sq.ft. 138 | 16 | Th.sq.ft. | 28 |
| Asbestos in all forms, including finished parts | . | 7 |  | 4 |
| Other thermal insulating materials |  | 14 | .. | 1 |
| Insulated wires, cables, strips and strands (i) | .. | 17 |  | 21 |
| Bolts, rivets, nuts and washers, screws, nails, tacks, etc. |  | 588 | . | 670 |
| Machinery bought for installation |  | (h) | .. | 265 |
| Purchased components for incorporation in firms' own products |  |  |  |  |
| Ball and roller bearings and parts thereof | .. | 281 |  | 793 |
| Electric motors |  |  |  |  |
| of less than $1 \mathrm{~h} . \mathrm{p}$. |  |  | .. | 92 |
| of $1 \mathrm{~h} . \mathrm{p}$. and over |  |  | .. | 425 |
|  | Number |  | Number |  |
| Internal combustion engines | 49,800 | 2,139 | 53,354 | 1,489 |
| Industrial valves | .. | 5 | .. | 449 |
| Gear and gear wheels of metal | .. | 150 |  | 223 |
| Pumps |  | 198 | .. | 143 |
| Measuring instruments and gauges and parts |  |  |  |  |
| Industrial process measuring and control instruments and equipment | \} | 9 |  | 113 |
|  |  |  | .. | 24 |
| Plastic goods moulded and fabricated | .. | 13 | .. | 88 |
| Other components not elsewhere specified except those of rubber and asbestos ( j ) | . | 7,073 | .. | 6,880 |
|  | Th.gal. |  | Th.gal. |  |
| Lubricating oils and greases (including cutting oils and emulsions) | 97.6 | ${ }_{35}^{17}$ | 196 | 55 15 |
| Replacement parts for firm's own machinery, plant and vehicles, and accessories and consumable tools bought as replacement |  | 1,032 | .. | 508 |
| All other materials for processing | . | 4,859 | . | 1,584 |

TABLE 10 (continued)

|  | 1954 |  | 1963 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Cost | Quantity | Cost |
|  |  | $\varepsilon^{\prime} 000$ |  | \&'000 |
| Packaging materials |  |  |  |  |
| Paper and board |  |  |  |  |
| Boxes, cartons, packing cases, and drums and canisters (with or without metal ends) of paper, cardboard and fibreboard |  |  |  | 83 |
| 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) |  | 162 \{ |  | 36 |
| Timber |  |  |  |  |
| Containers wholly or mainly of wood, including plywood boxes and drums, baskets and wickerwork crates |  |  | .. | 189 |
| Timber (sawn or planed) for manufacture into packing cases, etc. |  | 447 |  | 63 |
| Plywood for manufacture into packing cases |  |  |  |  |
| All other packaging materials | .. | 48 | .. | 11 |
| Fuel and electricity (k) | Th.tons |  | Th. tons |  |
| Coal | 18.3 | 64 | 11.0 | 68 |
| Coke (including screenings) and manufactured fuel | 16.5 | 108 | 6.8 | 71 |
|  | Th.gal. |  | Th.gal. |  |
| Derv fuel and motor spirit for use in road vehicles \{ | 557 | 109 11 | 475 | 89 19 |
| Other liquid fuels (including creosote/pitch mixtures, etc., and liquefied petroleum gases | 706 | 34 39 | \} 2,601 | 116 |
|  | Th. therms |  | Th. therms |  |
| Gas \{ | 1,841 | $\begin{aligned} & 93 \\ & 56 \end{aligned}$ | \} 2,472 | 175 |
|  | Th. kWh |  | Th. kWh |  |
| Electricity \{ | 28,909 | ${ }^{172}$ | $\begin{array}{r}47,836 \\ \hline .\end{array}$ | 318 41 |
| Total cost of materials and fuel |  | 27,158 |  | 26,004 |
| Goods purchased for merchanting |  | .. |  | 7,134 |
| Canteen purchases |  | .. |  | 68 |
| Total cost of purchases |  |  |  | 33,208 |

(a) Described in 1954 as 'Pig iron, except refined pig iron'.
(b) 'Rolled pillars (not fabricated) including tube rounds and squares' not included in 1954
(c) Owing to the risk of disclosure of information relating toindividual firms separate particulars
cannot be given and are included in 'All other materials for processing'.
(d) Described in 1954 as 'Drop forgings of iron and steel'
(e) 1954 heading covered iron only
(e) Including 'Iron and steel' in 1954.
(g) 'Blister' was not specifically excluded in 1954.
(h) Not recorded separately
(i) 'Strips and strands' were not specifically excluded in 1954.
(i) 'Iron and steel' excluded in 1954. The 1963 figures exclude 'rubber and asbestos'
(k) The total quantity of electricity generated in firms' own establishments in this industry was (k) The total quantity of electricity generated in firms' own establishments in this industry was
407 Th.kWh in 1954; owing to the risk of disclosure of information relating to individual firms
separate particulars cannot be given for 1963 .

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

|  | Unit | 1963 |
| :---: | :---: | :---: |
| Average number employed mainly on transport | No. | 200 |
| Transport costs |  |  |
| Wages and salaries | \& 000 | 151 |
| Derv fuel and motor spirit | * | 108 |
| Payments to other organisations for transport | " | 801 |
| Costs of operating road goods vehicles |  |  |
| Insurance | " | 18 |
| Vehicle licences | " | 18 |
| Depreciation | * | 94 |
| Payments to other organisations for repairs and maintenance | " | 53 |
| Total | " | 1,242 |

TABLE $12 \begin{aligned} & \text { Payments for certain services, etc. by larger } \\ & \text { firms, } 1963 \text { (a) }\end{aligned}$
Firms employing 25 or more persons: United Kingdom

|  | Amounts <br> payable |
| :--- | ---: |
| Repairs and maintenance to | $£^{\prime} 000$ |
| Buildings | 99 |
| Road goods vehicles | 53 |
| Plant, machinery, and other capital equipment | 81 |
| Insurance, licensing and depreciation of road goods <br> vehicles (b) | 128 |
| Rates, excluding water rates | 338 |
| Hire of plant and machinery |  |
| Postage, telephone, telegrams and cables | 28 |

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

TABLE 13 Percentage analysis of twelve-month periods Percentage analysis of twel ve-month periods
covered by returns from larger firms, 1963
Firms employing 25 or more persons:
United Kingdom

| Year ended | Percentage of <br> total number <br> employed | Year ended | Percentage of <br> total nubber <br> employed |
| :---: | :---: | :---: | :---: |
| 1963 | Per cent. | 1983 <br> (contd.) | Per cent. |
| April (a) | 1.1 | November | 0.0 |
| May | 0.4 | December | 35.3 |
| June | 0.7 | 1964 |  |
| July | 2.8 | 1964 |  |
| August | 0.0 | January | 17.8 |
| September | 8.1 | February | 1.6 |
| October | 21.9 | March | 10.9 |

(a) Including returns made for twelve-month periods ended 1 1st to 5 th April, 1964

TABLE 14 Sales of all parts of agricultural machinery (except tractors) by larger firms, including sales by establishments classified Firms
Firms employing 25 or more persons: United Kingdom

| (i) Parts sold in association with the sale of complete machines characteristic of this industry (a) <br> (ii) Other parts sold (b) | 1958 |  | 1963 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | (i) | (ii) | (i) | (ii) |
|  | £.000 | \&. 000 | £'000 | £ 000 |
| For tractor ploughs | 1,150 | 257 | 1,119 | 1,182 |
| For cultivators, harrows other than disc harrows, and tractor hoes | 601 | 325 | 1,342 | 197 |
| For disc harrows | 158 | 1,071 | 219 | 561 |
| For seed drills, planters, fertilizer distributors and broadcasters | 394 | $93\{$ | 291 | 195 |
| For spraying machines for insecticides and herbicides | 114 |  | 176 |  |
| For hay and grass mowers, including mowing attachments for tractors, other than rotary blade type | 683 | 157 | 172 | 227 |
| For pick-up balers | 63 | 31 | 331 | 246 |
| For combine harvesters | 506 | 340 | 608 | 125 |
| For grain and grass driers |  | 46 |  | 57 |
| For sheep shearers and clipping machines | 299 |  |  |  |
| For milking machines | 665 | 46 | 868 | (c) |
| For potato and sugar beet harvesters, diggers (all types), lifters, spinners and ploughs | 115 |  | 125 | 267 |
| For forage harvesters |  |  | 68 | 72 |
| For general purpose (agricultural) elevators, grain augers and conveyors | 3,294 | 513 | 63 | 56 |
| For other agricultural machinery (excluding dairy machinery) |  |  | 2,476 | 1,495 |
| For unclassified agricultural machinery | 3,185 | 1,525 |  | 1,090 |
| Total | 11,228 | 4,404 | 8,281 | 5,770 |

(a) Principal products of this industry
(b) Principal products of General Mechanical Engineering.
(c) Owing to the risk of disclosure of information relat ing to individual firms separate (excluding dairy machinery)

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

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

The items shown are the value of plant and
new and second-hand, and the amount
eceived for items disposed of during the
The value of plant and machinery
acquired includes plant, etc. which firms
acquired includes plant, etc. Which firms
produced for their own use in connection
with the business covered by the return.
The value of plant, etc. acquired is the
expenditure charged to capital account
during the year of return less any dis-
counts received, but including the cost of
transport and installation. No deduct ion
is made for depreciation, amortisation or
obsolescence. The proceeds of items
disposed of during the year exclude amount
disposed of during the year exclude amount
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
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 defined. They are products commonly associs ted in production and are usually similar in nature or manner of product ion. In most cases the characteristic products of each sub-
division are indicated in Table 5 of the ivision 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 made, Table 2 shows the total sales of such
Characteristic products for each sub-division
The totals include, besides the products whic Characteristic products for each sub-division.
The totals include, besides the products which
define the sub-division, other items of output define the sub-division, other items of output
assumed to be closely related to them, e.g. assumed to be closely related
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 either of a single firm, or of a parent company together with its subsidiary companien
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 heading is the number of returns on
figures 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 management
at a particular address (e.g. a factory at a part iculat address (e.g. a factory or
mine); but firms were asked to exclude fron 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
factor ing, canteens operated by them and other
ancillary activities such as bottling, packing and the manufacture of containers for packing
heir own products, whether or not these ctivities are carried on at the same address as the works. Building and engineering
naintenance departments and selling and transport departments were treated similarly.

Gross Output
The gross output of an industry is the aggredur ing the year by the establishments classified to the industry. It is der ived by subthe value of stocks of goods on hand for sale nd work in progress at the beginning of the ear 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 alue aded
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 machinery, payments for repairs and mainten-
nce, costs of operating road vehicles, rents, fates and taxes, advertising and other selling expenses and ather simiar charges have to
be met, as well as depreciation and profits. Thet, as well as depreciat ion and prof its.
There is no apprec iable 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
ajjusted for stock changes, payments for work iven out to other firms, and payments for
Normally any customs or excise duty on materials purchased is included in the cost of materials. Similarly, finished goods sold
have been valued as they were sold, duty paid o have been valued as they mere sold, duty paid
duty free. The amounts of duty, subsidies. allowances and levies receivable or payable.
where of substantial importance in the indust where of substant ial importance in the industry, items were taken into account when calculating

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-time
and part-time) on all activities covered by the returns, including operatives, administrative, technical and clerical employees and workin
Principal Products
The principal products of an industry are those The principal products of an industry are tho
in terms of which the industry is defined. They are products commonly associated in production, 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 dur ing the year, whether sold in the year, adde the same firm, or used in the manufacture of other products within the business 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
turnable cases and containers when first purchased; of workshop mater ials, office
materials and materials for repairs to fir materials and materials for repairs to firms
own buildings, plant and vehicles when carried own buildings, plant and vehicles when carri
out by their own workpeople included in the return; of consumable tools: and of parts for machinery purchased during 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 supl ies are included.
Materials supplied by customers for processing are excluded. The values shown include any duty paid (less
rebate, etc.) but exclude trade discounts rebate, etc.) but exclude trade discounts
allowed. The cost of transport is included Thlowed. The cost of transport is included
only if included in the cost of materials as
invoiced: amounts invoiced; amounts paid to transport organisa-
$t$ ions, including firms' own separate transport tions, including firms' own separate transpor
organisations, for delivery of materials and
fuel and fuel are, therefore, excluded. Materials
purchased overseas are included at their c.i. purchased overseas are included at their c.i.
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 their full delivered cost
if invoiced 'carriage paid home'. Materials if invoiced 'carriage paid home'. Materials
and fuel transferred from another department of the firm not covered by the same return are included at the estimated selling value recorde

Sales Sales are in respect of goods made by the
business covered by the return, goods made for
it by out workers or by other firms from
mater ials mater ials given out to ther (somet imes described
as goods made on commission) and waste products. as goods made on commission) and waste products.
Any machinery or other capital items produced 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 sol
without being subjected to 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 customers whether on an ex-works or delivered basis, net of any trade discounts, agents'
commissions, allowances for returnate commissions, allowances for returnable cases,
purchase tax, etc.; the net amount charged for packing materials is ine neluded. Goods charged on a deli ivered basis to customers overseas are included at the f.o.b. value. For work done on
comission or for the trade the value shown is
the net amount charged.
Where goods produced in one department were
transferred to another department of the same firm not covered by the return, these transfers were treated as sales by the producing depart-
ment and valued as far as possible as if they ment and valued as far as poss ible as if they
had been sold to an independent purchaser. haods transferred to independesale purchaser. ing organisations for which separate accounts were kept were valued on the same basis.
Estimations of a similar. kind were also imes necessary in valuing transfers between different firms belonging to the same e
prise. To the extent that the sales o prise. To the extent that the sales of
finished products of one establishment may constitute the materials purchased by manother
total figures of the value of sales (and of total figures of the value of sales (and of materials and fuel purch
element of duplication.
Services rendered
This represents the amounts charged for hirirg out plant, machinery and other goods, providing
transport, or for any technical or other
services rendered to other organisations. It
includes amounts credited for similar services rendered to other departments of the same firm
not covered by the return. Small Firms
Small Firms
These are firms in which fewer than twenty-five persons were employed on the average during the
year.
Stoc
Stocks and Work 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, beluding any stocks of goods held for merchant ing or
factoring factoring. The values include duty in the case
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 depayments made to sub-contractors, and no de-
duction is made on account of progress payments
received 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 any separate transport organisation of the same
firm, not covered by the return, but exclude firm, not covered by the return, but exclude
the value of transport services provided by the business covered by the return. The items
included are payments for hired included are payments for hired cartage and for
inwards and outwards carriage by all forms of 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
customers overseas and on materials and fuel purchased from overseas suppliers are excluded.
Wages and Salaries
These are the amounts paid during the year to operatives and to administrative, technical
and clerical employees. Payments and clerical employees. Payments to working
proprietors, whether called salaries or not, proprietors, whe ther caled salaries or no
are excluded, in Northern Ireland this
exclusion extends also to payments 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 and no deduction is made for income tax. The
insurances, contributory pensions, etc. The insurances, contributory pensions, etc. The
value of any payments in kind, travelling
expenses expenses, 1opging allowances, etc. and
employers' contributions to National employers' contributions to National Insurance
and pension schemes is excluded. Work given out
The figures shown represent the total amount pald for work done by other firms on materials
supplied to them, and also by firms ${ }^{\text {o }}$ own establishments for which separate returns were
made. They do not include payments to 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
Nil or neglig
Nil or negligible (less than half the
final digit shown)
Figures cannot be shown owing to the
risk of disclosing information risk of disclosing information about
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 discrepancies between the sums of the constituent items and
the totals shown.
bet ween the sums of the constituent items and
the totals shown.
69 Cutle
FNo. and title
69 Cutlery,
1 Wire and wire Manufactures
l
4. Miscellaneous Metal Manufactures
5 Production of Nan-made Fibres
M Meav-made Fibres of Cotton, Linen and Man-made Fibres
77 Wavingof ooton, Linen and Man-made Fibres
7 Weaving of Cotton,
79 Jute
Twine and Net
82 Lace
83 Carpets
\$4 Narrow Fabrics
l
*)
l
92 Fur
2. Fur
Merherproof Outerwear
lol
\$ Momen's and Girls'. Tailored Outerwear
Overalls and Men's Shirts, Underwear, etc.
8 Hats, Caps and Millinery
OO Cloves
1 Footwear
3 Pottery
l
Abrasives
\& Abrasives
l
O Bedding and Soft Furnishings
10 Bedding and Soft Furnishings
M
l
4 Paper and Board, Cartons and Fibre-board
Packing Cases,
l/ Miscellaneous Manufactures of Paper and Board
Printing and Publishing of Newspapers and
8 General Printing, Publishing, Bookbinding.
8 General Printing
Mngravi
R0.
21 Brushes and Brooms
1 Brushes and Brooms
l22 Toys, Games and Sports Equipment
\$23 roys, Games and Sports Equipment
lol
M
G28
8
lol

```
```

```
Part No. and title
```

```
Part No. and title
l Introductory Notes
l Introductory Notes
2 Coal Mining 
2 Coal Mining 
l
l
S Metalliferous Mining and Quarrying
S Metalliferous Mining and Quarrying
M
M
8. Grain Mlling
8. Grain Mlling
$ Breail and Flour Confectionery 
$ Breail and Flour Confectionery 
Milk Products - % Sugar %
Milk Products - % Sugar %
Cocoa, Chocolate and Sugar 
Cocoa, Chocolate and Sugar 
5 Animal and Poultry Foods
5 Animal and Poultry Foods
Animal and Poultry Foods
Animal and Poultry Foods
I7 Starch and Miscellan
I7 Starch and Miscellan
% Brewing and Matting
% Brewing and Matting
Spirit Distilling and Compounding
Spirit Distilling and Compounding
2 Coke Ovens and Manufactured Fuel
2 Coke Ovens and Manufactured Fuel
Coke Ovens and Manufactured Fu
Coke Ovens and Manufactured Fu
Lubicating nils and Grease
Lubicating nils and Grease
Dyestuffs
Dyestuffs
7 General Chemicals
7 General Chemicals
M Pharmaceutical Preparations
M Pharmaceutical Preparations
    S
    S
31 Paint and Printing Ink
```

```
31 Paint and Printing Ink
```

```


```

```
33 Soa, Detergents, Candles and Glycerine 
```

```
33 Soa, Detergents, Candles and Glycerine 
35 Polishes Adhesives, ecc.
35 Polishes Adhesives, ecc.
38 Steel Tubes
38 Steel Tubes
Iron Castings, etc.
Iron Castings, etc.
lol
lol
        s. etc.
        s. etc.
42 Metal-working Mach ine Tools 
42 Metal-working Mach ine Tools 
43 Eng ineers'Small Tools and Gauges
```

```
43 Eng ineers'Small Tools and Gauges
```

```




```

```
Office Machinery 
```

```
Office Machinery 
Miscellaneous (Non-electrical)
Miscellaneous (Non-electrical)
Industrial Plant and Steelwork
Industrial Plant and Steelwork
1 Ordnarce and Small Arms Mork
1 Ordnarce and Small Arms Mork
52 General Mechanical Eng ineer ing
52 General Mechanical Eng ineer ing
M Instruments, etc.
M Instruments, etc.
$5 Electrical Machinery 
$5 Electrical Machinery 
lol
lol
58 Radio and Other Electronic Appar
58 Radio and Other Electronic Appar
\, (%)
\, (%)
lol
lol
63 Motor Cycle.Three-wheel Vehicle and P
63 Motor Cycle.Three-wheel Vehicle and P
Cycle Manufacturing
Cycle Manufacturing
65 Locomot ives and Railway Track Equipme
65 Locomot ives and Railway Track Equipme
lol
lol

```

Sugar. Chocolate and Sugar Confectionery

```
Sugar. Chocolate and Sugar Confectionery
Astile Finishing
    Leather Goods
Mottery
05 Cement
8 Timber
7 Perambulators, Hand-t
7 Perambulators, Hand-t
lug Summary Volume
```


## C Crown copyright 1968

Printed and published by
Her Majesty's Stationery Office
To be purchased from
49 High Holborn, London w.c. 1
423 Oxford Street, London w. 1
13A Castle Street, Edinburgh 2
109 St. Mary Street, Cardiff cfl luw
Brazennose Street, Manchester 2
50 Fairfax Street, Bristol 1
258-259 Broad Street, Birmingham 1
7-11 Linenhall Street, Belfast BT2 8AY
or through any bookseller
Printed in England


[^0]:    or notes to this table - see page $41 / 6$

[^1]:    (a) The references given are to the list of industries at the back of this report.
    (b) No significant production was recorded in other industries.
    (c) Comple
    (d) Parts.

