

## Business Monitor



C4 Chalk, clay, sand and gravel extraction

## Special Note for Purchasers

Commencing with the 1970 Census, the Census of Production reports will in future be published annually as part of the Business Monitor series. They will
continue to be available on standing order from HMSO,
but they are not included in the global subscriptio
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Departmens. Stablications and futher information nd advice on them can be obtained from the
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## Business Monitor

DEPARTMENT OF TRADE AND INDUSTRY BUSINESS STATISTICS OFFICE

## Report on the Census of Production 1970

C4 Chalk, clay, sand and gravel extraction

Presented by the Department of Trade and Industry
to Parliament in pursuance of the Statistics of Trade Act 1947 ( $10 \& 11$ Geo. 6 Cha. 39 sec 7 )

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domestic use 
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domestic use
Miscellaneous electrical goods
Miscellaneous electrical goods
Miscelianeous electrical goods
Miscelianeous electrical goods
Wheled tractor manufacturing
Wheled tractor manufacturing
Moter vehicle manufactururing
Moter vehicle manufactururing
Motor cycle, tricycle and pedal cy
Motor cycle, tricycle and pedal cy
Aerospacee equipment manufacturin
Aerospacee equipment manufacturin
and repairing Locomotives and railway track equipment
and repairing Locomotives and railway track equipment
Locomotives and railway track equip
Locomotives and railway track equip
Enginers'small tools and gauges
Enginers'small tools and gauges
Hand tools and implements (plated tableware, etc.
Hand tools and implements (plated tableware, etc.
Bots, nuts, screws, rivets, e
Bots, nuts, screws, rivets, e
Cans and metal boxes
Cans and metal boxes
ans and metal boxes
ans and metal boxes
Mewellery and preci
Mewellery and preci
Drop forgings, etc.
Drop forgings, etc.
Miscellaneous metal goods
Miscellaneous metal goods
Production or man-made fibres
Production or man-made fibres
Weaving of cotton, linen and man-made fibres
Weaving of cotton, linen and man-made fibres
Weaving of cotton, lin
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\#de-up fobrics hohold textiles and handkerchiefs
anvas goods and sacks, etc.
anvas goods and sacks, etc.
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Axtile fonishing
Miscellaneous textiles
Miscellaneous textiles
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Leather (tannin
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Men's, and boys'tailored outerwea
Men's, and boys'tailored outerwea
Women's and girls'tailored outerwear
Women's and girls'tailored outerwear
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D Dersses, lind meni, inflintts, underweaa,
Gorsets and miscellaneous dress industries
Gorsets and miscellaneous dress industries
Glove
Glove
Bricks, fireclay and refrar,
Bricks, fireclay and refrar,
Cament
Cament
Miscellaneous building materials and mineral
Miscellaneous building materials and mineral
M products
M products
Furniture and upholstery
Furniture and upholstery
Bedding and soft furnishi
Bedding and soft furnishi
S
S
Miscellaneous wood and cork manufacture
Miscellaneous wood and cork manufacture
Maper and board Cardon and fibre-board
Maper and board Cardon and fibre-board
M packing cases sducts of paper and associated
M packing cases sducts of paper and associated
Materials (other than boar()
Materials (other than boar()
C141 Wallcovering statione
C141 Wallcovering statione
Cl42 Misceveringous manufactures of paper and board
Cl42 Misceveringous manufactures of paper and board
C142 Printing, publishing of newspapers
C142 Printing, publishing of newspapers
C143 General
C143 General
C145 Linoleum, plastics floc
C145 Linoleum, plastics floc
C146 leathercloth, tc.
C146 leathercloth, tc.
Sy, games and children's carriages
Sy, games and children's carriages
C148
C148
C149 Plastics prousuctsti
C149 Plastics prousuctsti
Cl51 Miscellaneous manufacturing industries
Cl51 Miscellaneous manufacturing industries
C151 Gas
C151 Gas
C153

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C153
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C4 Chalk, clay, sand and gravel extraction
This report on Chalk, Clay, Sand and Gravel Extraction Industry relates to establishments engaged wholly or
mainly in extracting chalk, clay, sand and gravel from pits or quarries and in such ancillary activities as mainly in extracting chalk, clay, sand and gravel from pittu or quarries and in such ancillary activities as
cleaning, washing, grading, etc. normally carried out at pits and quarries.
The industry corresponds to minimum 1 ist heading 103 in the Standard Industrial Classification (revised 1968) which was used for the first time as a basis of classification in the 1968 census, when it was reported as
part 4 . The definition of this industry is the same for 1963 , 1968 and 1970 censuses.
Pits and quarries operated by firms in industries corresponding to other minimum list headings are not included Pits and quarries operated by firms in industries corresponding to other minimum 1 ist headings are not included
unless they kept separate accounts.
These industries include pottery; bricks, fireclay and refractory goods; unless
cement.

In this industry establishments employing less than 25 persons account for a relatively large proportion of employment and output and therefore
ments employing 11 or more persons.
Mining and Quarrying industries were excluded from the censuses for 1963, 1968 and 1970 taken in Norther Ireland, and this report relates, therefore, only to Great Britain.

In interpreting the data in the tables it is essential to bear
in mind the notes and definitions which commence on page (iii).

C4. 2
Table Title
Section I - Estimates for all Great Britain establishments in the industry Net output, 1963, 1968 and 1970 - Establishments classified to the industryC4. 3
$2 \begin{aligned} & \text { Capital expenditure and stocks, 1963, } 1968 \text { and } 1970 \text { - Establishments classified } \\ & \text { to the industry }\end{aligned}$ to the industry
3 Analysis of establishments by size, 1970-Establishments classified to the industry
4 Percentage analysis of employees by age and sex, 1970 - Establ ishments classified to the industry
5 Regional distribution of employment, net capital expenditure and net output, 1970 Establishmentsclassified to the industry
Section II - Analysis of returns received
6 Analysis of net output of returns received from establishments employing 11 or more persons, 1963, 1968 and 1970
7 Percentage analysis of twelve-month periods covered by returns from establishments
table 1
Net output, 1963, 1968 and 1970
All Great Britain establishments classified to the industry (a)

|  | Unit | 1963 | 1968 | 1970 |
| :---: | :---: | :---: | :---: | :---: |
| Enterprises | Number | 699 | 570 | 689 |
| Establishments (b) | " | 1,128 | 1,128 | 1,188 |
| Sales of goods produced and work done (c) | £'000 |  |  | 140,431 |
| Services rendered to other organisations (d) | " | 59,431 | 99,211 | 798 |
| Goods merchanted or factored | " |  |  |  |
| Canteen takings | " | 2,776 | 3,833 | 2,252 |
| Total sales and work done | " | 62,207 | 103,044 | 143,481 |
| Value of outward transport carried out by establishments' own staff on goods sold (e) | " | 4,979 | 5,156 | 6,091 |
| Change during year, goods on hand for sale | " | + 81 | + 631 | + 290 |
| Gross output (f) | " | 76,947 | 129,660 | 178,130 |
| Cost of purchases | " | 16,714 | 25,681 | 31,020 |
| Change during the year in stocks of materials, stores and fuel | " | + 93 | 499 | + 876 |
| Payments to other organisations |  |  |  |  |
| for work done on materials given out | " |  |  |  |
| for transport | " | 210 | 374 | 3,550 |
| inwards on materials and fuel purchased by road | " |  |  | 200 |
| by rail and other means | " | 366 | 295 | 34 |
| outwards on goods sold by road | " |  | 18,645 | 25,617 |
| by rail and other means (g) | " | 9,680 | 2,182 | 2,650 |
| Total costs | " | 26,877 | 46,678 | 62,195 |
| Net output | " | 50,070 | 82,979 | 115,934 |
| Total employment (including working proprietors) (h) | Thousands | 21.5 | 21.3 | 23.0 |
| Net output per head | £ | 2,331 | 3,888 | 5,043 |

(a) Including estimates for establishments not making satisfactory returns and for establishmente employing less than 11 persons.
(b) See definition of establishments in notes on page (iii)
(c) Sales of products are valued at ex-quarry or ex-works prices, the cost of transport being shown separately.
(d) Amounts charged for hiring out plant, machinery or other goods, for providing transport, or for any technical or other services rendered
(e) See transport payments in notes commencing on page (iii)
(f) Includes costs of outward transport; see note on page (iv).
(g) For 1963 and 1968, payments for postal services are excluded
(h) Average number of persons employed during the year.

TABLE 2
Capital expenditure and stocks, 1963, 1968 and 1970
All Great Britain establishments classified to the industry (a)

|  | 1963 | 1968 | 1970 (b) |
| :---: | :---: | :---: | :---: |
| Capital expenditure | £'000 | £'000 | £'000 |
| New building work | 988 | 1,656 | 3,215 |
| Land and existing buildings |  |  |  |
| Acquisitions | 4,095 | 3,375 | 2,464 |
| Disposals | 509 | 1,033 | 337 |
| Plant and machinery |  |  |  |
| Acquisitions | 5,722 | 11,464 | 12,732 |
| Disposals | 384 | 683 | 734 |
| Vehicles |  |  |  |
| Acquisitions | 1,585 | 2,082 | 1,888 |
| Disposals | 326 | 340 | 452 |
| Total net capital expenditure (c) | 11,171 | 16,521 | 18,776 |
| Stocks and work in progress at end of year |  |  |  |
| Materials, stores and fuel | 2,052 | 3,566 | 5,103 |
| Goods on hand for sale | 1,917 | 4,180 | 5,524 |
| Total stocks | 3,969 | 7,746 | 10,627 |

(a) Including estimates for establishments not making satisfactory returns and for establishments employing less than 11 persons.
(b) Capital expenditure in respect of manufacturing establishments where production had not commenced before the end of the year, is included for 1970.
(c) Acquisitions less disposals.

## TABLE 3

Analysis of establishment by size, 1970
All Great Britain establishments classified to the industry (a)

| Size group (b) | Enterprises <br> (c) | Establishments (d) | Total employment (b) | Employees |  | Wages and salaries |  | Wages and salaries per head |  | Total sales and work done (f) | Gross output | Net output | Net output per head | $\qquad$ | Total stocks and work in progress at end of year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Operatives | 0thers (e) | Operatives | 0thers (e) | Operatives | 0thers (e) |  |  |  |  |  |  |
|  | Number | Number | Number | Number | Number | £'000 | £'000 | £ | £ | $£^{\prime} 000$ | £'000 | $£^{\prime} 000$ | £ | £'000 | £'000 |
| 1-10 | 572 | 822 | 4,450 | 6,599 | 1,618 | 9,123 | 2,322 | 1,382 | 1,435 | 61,341 | 81,355 | 52,308 | 6,267 | 5,361 | 4,830 |
| 11-24 | 137 | 239 | 3,897 |  |  |  |  |  |  |  |  |  |  |  |  |
| 25-49 | 76 | 86 | 2,888 | 2,266 | 555 | 2,909 | 777 | 1,284 | 1,400 | 17,592 | 22,545 | 12,991 | 4,498 | 1,876 | 1,218 |
| 50-99 | 25 | 28 | 1,908 | 1,559 | 343 | 2,164 | 556 | 1,388 | 1,620 | 13,174 | 16,408 | 9,824 | 5,149 | 1,810 | 391 |
| 100-199 | 3 | 6 | 959 | 776 | 183 | 1,009 | 246 | 1,300 | 1,344 | 4,334 | 6,999 | 3,835 | 3,999 | 878 | 438 |
| 200 and over | 6 | 7 | 8,889 | 6,792 | 2,097 | 8,517 | 3,121 | 1,254 | 1,448 | 47,040 | 50,822 | 36,976 | 4,160 | 8,851 | 3,751 |
| Total | 689 | 1,188 | 22,991 | 17,992 | 4,796 | 23,722 | 7,022 | 1,318 | 1,464 | 143,481 | 178,130 | 115,934 | 5,043 | 18,776 | 10,627 |

(a) Including estimates for establishments not making satisfactory returns and for establishments employing less than 11 persons.
(b) Average number employed during the year (including working proprietors) by the establishment.
(c) The sum of the figures for the size groups exceeds the total for the industry to the extent that enterprises made returns for establishments in more than one size group
(d) See definition of establishments in notes on page (iii).
(e) Administrative, technical and clerical employees.
(f) Including sales of goods merchanted or factored and canteen takings Also includes services rendered to other organisations (amounts charged for hiring out plant, machinery or other goods, for providing transport or for technical or other services rendered).
(g) Acquisitions less disposals
table 4
Percentage analysis of employees, by age and sex, 1970 (a) All Great Britain establishments classified to the industry

| Ages | Males | Females | All employees |
| :--- | :---: | :---: | :---: |
| Under 18 <br> 18 and over <br> All ages | per cent | per cent | per cent |

(a) The percentages relate to the numbers employed (excluding working proprietors) at mid-June, 1970
table 5
Regional distribution of employment, net capital expenditure and net output, 1970
All Great Britain establishments classified to the industry

| Area | Average number employed (a) |  | Net capital expenditure (b) |  | Net output and employment in the region of establishments with more than 80 per cent of their employment in the region (c) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Estimated net output | Average number employed as a percentage of total average number employed in the industry in the region | Net output as percentage of total of the industry in Great Britain |
|  | Thousands | $\begin{aligned} & \text { per cent } \\ & \text { of } \\ & \text { Great } \\ & \text { Britain } \end{aligned}$ | £ ${ }^{\prime} 00$ | $\begin{gathered} \text { per cent } \\ \text { of } \\ \text { Great } \\ \text { Britain } \end{gathered}$ | $£^{\prime} 000$ | asab ithor huta | Teto |
| North | 0.8 | 3.4 | 653 | 3.5 | 2,401 | 54.7 | 2.1 |
| Yorkshire and Humberside | 0.9 | 4.1 | 406 | 2.1 | 1,651 | 47.7 | 1.4 |
| East Midlands | 1.0 | 4.5 | 357 | 1.9 | 3,663 | 70.4 | 3.2 |
| East Anglia | 1.2 | 5.4 | 764 | 4.1 | 3,108 | 47.7 | 2.7 |
| South East | 5.0 | 21.6 | 3,199 | 17.0 | 17,047 | 46.1 | 14.7 |
| South West | 8.6 | 37.5 | 9,511 | 50.7 | 29,922 | 92.7 | 25.8 |
| West Midl ands | 1.9 | 8.4 | 1,457 | 7.8 | 5,757 | 60.2 | 5.0 |
| North West | 1.4 | 5.7 | 597 | 3.1 | 3,730 | 71.9 | 3.2 |
| England | 20.8 | 90.6 | 16,944 | 90.2 | 67,279 | 73.3 | 58.1 |
| Wales | 0.5 | 2.1 | 96 | 0.5 | 1,143 | 42.6 | 1.0 |
| Scotland | 1.7 | 7.3 | 1,736 | 9.3 | 2,766 | 44.5 | 2.4 |
| Unallocated (d) | - | $\bigcirc$ | - | - | 44,746 | - | 38.5 |
| Great Britain | 23.0 | 100.0 | 18,776 | 100.0 | 115,934 | , | 100.0 |

(a) Including working proprietors.
(b) New building work plus acquisitions less disposals of land and existing buildings, plant and machinery and vehicles: including capital expenditure at establishments not yet in production,
(c) Where a census return covered addresses in two or more regions an estimate was made of the net output
attributable to the region only where more than 80 per cent of the establishment s employees were locat attributable to the region only where more than 80 per. cent of the establishment, s employees were located
in the region. The estimate was made by assuming that net output at each address covered by return was proportionate to employment at the address. The establishment's residual net output was included in unallocated net output
(d) Includes estimates of net output for establishments not making satisfactory returns and establishments employing less than 11 employees, and unallocated net output of establishnents covering addresses in tw

Analysis of net output of returns received from Great Britain establishments employing 11 or more persons, 1963, 1968 and 1970


Percentage analysis of twelve-month periods covered by returns received from Great Britain establishments
Percentage analysis of twelve-month
employing 11 or more persons, 1970 .

| Account ing year ended | Percentage of total returns <br> received | Percentage of total <br> numbers employed |  |
| :--- | :--- | :---: | :---: |
| 1970 | April (a) | per cent | per cent |
|  | May | 2.4 | 1.0 |
|  | June | 1.4 | 1.0 |
|  | July | 5.8 | 3.2 |
|  | August | 1.4 | 0.5 |
|  | September | 1.7 | 0.8 |
|  | October | 5.8 | 42.3 |
|  | November | 2.4 | 1.0 |
|  | December | 1.7 | 0.9 |
| 1971 | January | 49.1 | 28.6 |
|  | February | 0.7 | 0.2 |
|  | March (b) | 1.0 | 0.4 |

(a) From 6th April
(b) Including returns made for twelve-month period ending 1st to 5th April 1971

## Notes

These notes give the main information needed for
interpreting the figures in the induatry report interpreting the
(more detailed information about the census is
in given
, (more detailed information about the census is given
in a separate booklet " Introductory Notes $n$, Part
of the Report on the Census of Production for 1970. general information
Changes compared with 1968
The questions asked in the 1970 census were similar to
those in the 1968 census with certain exceptions. In those in the 1968 census with certain exceptions. particular
details of
(i) purchases or sales by commodities
(ii) payments of rates
(iii) payments for resairs and
(iv) costs of operating road goods vehicles

The amounts payable to other organisations for trans
port of goods however, did include the cost of the
Post Office parcel services.
ther changes concern the treatment of firms employing
ess than 25 persons and the rules used for classifying establ ishments to industry. Any such changes are
explained in the following paragraphs, or in the explained in the fortions to the industry reports, or by footnotes
introduction
to the tables.

Industrial classification
Establ ishments were classified to industries on the edition of the Standard Industrial Clath the thir edition of the Standard Industrial Classif
(Revised 1968). Normally an establ ishment was classified to an industry if its sales of the principa
products of that industry accounted for a greater products of that industry accounted for a greater
proportion of its total sales than in its sales of the principal products of any other industry. Classif ication of an establishment in this census was based
in establ ishment's return to the Census of on the establ ishme
Production, 1968 .
Establishments added to the register subsequent to the 1968 census were.classified on the basi is of the
description of the business given by the respondent

Coverage
Detailed census returns were generally sought only from but in industries where firms employing less than 25 persons account for a relatively high proportion of otal employment and output the exemption 1 imit was
lowered to 11 . Census returns were also sent to establishments whose employment was not known to the Susiness Statistics Office at the time of despatch; if
the ir employment was below the exe ndustry establishments were asked to supply figures y of total employment and total sales.
terms used in the census report
Average number employed
Estebl ishments were required to state the number of persons on the payzoll (i.e. whose national insurance
cards were held by them) on the average during the yea of return, whether full time or part time employees. Separate figures were required for (a) administrati
technical and clerical employees and (b) all other employees (operatives). Averages could be calculated from figures relating to the last week of each
calendar month. Establishments were also required to
state the number of working proprietors where appropriate and these are included in total employby establishments who worked in their own hones etc on materials supplied by the establishments) are

The figures include persons engaged on merchanting
or factoring and canteen workers where particulars respect of these activities 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 bus iness
without rece iving fixed without receiving a fixed wage or salary; but such
persons who worked less than half the normal number persons who worked less than half the normal number
of working hours are excluded. Directors working
in the business but not in the business but not in receipt of a definite
wage, salary or commission are included under this heading: directors paid by fee only are not
included.

Emp loyees
Administrative, technical and clerical employees
include managing and other directors in receipt include managing and other directors in receipt of a
definite wage, salary or commission, managers, definite wage, salary or comnission, managers,
superintendents and works foremen; research, superintendents and works foremen; research, exper
mental development, technical and design employees
(other than operatives); draughtsmen and tracers: (other than operatives); draughtsmen and tracers;
editorial staff, staff reporters, canvassers, competition and advertising staff, travellers; and
office (including works office) employes.
peratios inctar ant ore
Operatives include all other classes of employees,
that is, broadly speaking that is, broadly speaking, all manual wage earners.
They include those employed in and about the factory or works; operatives employed in power houses. transport work (including roundsmen) stores, wa houses, shops and canteens; inspectors, viewers and
similar workers; maintenance workers, and cleaners. 8 imilar workers; maintenance workers, and cleaners
Operators engaged in outside work of erecting, fitting etc. are also included, but outworkers are
excluded.

Capital expenditur
(a) New building work

This represents the cost incurred during the year of
new building and other constructional work (includi new buice buildings, canteens and the like (including connection with the business covered by the ret but not dwelling houses for employees). The value
is that charged to capital account during the val of return; it includes expenditure on new building or on the extension or reconstruction of old buildings, the value of works of a capital nature
carried out by the establishment's own staff and the carried out by the establishment's own staff and the
cost of any newly constructed buildings purchased. Figures shown include any legal charges, stemp duties commissions, etc.
(b) Land and existing buildings

The items shown are the capital cost of freeholds leaseholds acqued capital cost of premium payable for acquired in taking (excluding the value of any asset
the amounts receiveable for any freeholds or leaseholds disposed of. The value is that ch
account during the year of return.
(c) Plant, machinery and vehicles

The items shown are the value of plant and mach inery
and of vehicles accuir red, both new and second-hand, and and of vehicles acquired, both new and second-hand, and
the amount reeee ived for items disposed of curing year.
The value of plant and machinery acquired includes plant etc., which firms produced for the ir own use in con-
nection with the business covered by the return. The nection with the business covered by the return.
value of plant, etc., acquired is the expenditure
charged to aapital account dur is the charged to capital account during the year of return
less any discounts received, but including the cost of less any discounts received, but including the cost of
transport and installation. No deduction is made for
depreciation, amortization or obsolescence. depreciation, amortization or obsolescence. ${ }^{\text {and }}$ The
proceeds of items disposed of dur ing the year exclude
amounis written off for items scrapped.

Capital expenditure during the year in respect of man-
ufacturing establishments where production had not started before the end of the year is excluded from the figures for both 1963 and 1968 but is included in the Enterprise
The term enterprise is used in this report to mean one
or more establishments under common ownership or or more
control.
est enterpr ise normally cons ists of ar an single control. An enterprise normally consists of a single
establishment, more than one establisment owned by the
same firm, or a number of estatlishments owned by a parent company and its subsidiary companies. Information
about the relat ionship between constituent companies of enterprises was obtained mainly from publ ished sources such as the Stock Exchange Year Book supplemented by
informat ion fram company reports and information supplie by establishments. The information available is not complete but covers the largest and most important
groups of industrial establ ishments and is beli ieved groups of industrial establishments and is bel ieved
sufficient to provide a worth-while basis for analysis. Establishment
The definition of the establishment differed between the
Censuses for 1963,1968 and 1970 . The definitions Censuses for as follows
1963: the establishment was normally the premises under
the same ownership or management at a particular the same

1968: the establ ishment was def ined, in accordence with Standard Industral Classification (Revised 1968)
as be ing the smallest unit which could provide as be ing the smallest unit required for an economic census, for example, employment, expenses, turnover and capital formation. Sometimes activities
which are conducted as a single business are which are conducted as a single business are
carried on at a number of addresses. In 1968 where the activities of such a business were
closely integrated and the addresses, termed closely integrated and the addresses, termed
local units, were in close proximity the establocal units, were in close proximity the estab
lishment was def ined to cover the combined
activities and a single return was accepted. activities and a single return was accepted.
When the activities were closely integrated but When the activities were closely integrated but
the addresses were not in close proximity a combined return was accepted but the individual
addresses were treated - in the count of estabaddresses were treated - in the count of estab-
lishments in an industry, for instance - as lishments in an industry,
separate establ ishments.
1970: the practice of treating as multi-unit establishments those businesses with closely integrated
activities at a number of addresses in close activities at a number of addresses in close
proximity was extended to all those businesse proximity was extended to all those businesses
where the local units were at more than one geographical location and detailed census infor-
mation was not available for each unit. Separat mation was not available for each unit. Separate
figures were obtained, however, of employment and
capital expenditure at each unit. The effect of
this change is to reduce somewhat the number
of establ ishments as compared with 1968 . ross output
Gross output measures the total value of productio (including work done) by establishments during the is calculated as follows:-
Plus/Less: $\begin{aligned} & \text { Value of sales and work done } \\ & \text { Incease/decrease in value of stocks of }\end{aligned}$ Plus $=\begin{aligned} & \text { Cost of outward transport } \\ & \text { Gross output }\end{aligned}$

Net output
Net output represents the value added to materials by the process of production (including the margin
on sell ing any merchanted or factored goods). It
it d as follows

Gross output
Less: Purchases adjusted for change in value of
Less: Payments for work given to other establish-
Less: meayme.
Less: Payments for transport
Net output per person employed
The figures of 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 return incluon ing operatives, administrative, tethnical and
clerical employees and working proprietors, but excluding outworkers.

Purchases
Purchases include the cost of materials and com-
ponents bought for use in production; of fuel and electricity for all purposes; of packaging material including the cost of returnable cases and con-
tainers when first purchased; of workshop materials office materials and materials for repairs to
establishment's own buildings, establishment's own buildings, plants and vehicles
when carried out by their own work people included when the returns; of consumable tools; and of parts
in
for for machinery, purchased during the year as
replacements. Water charges are al so included. rep lacements. Water charges are also included.
In general, purchases of goods for merchanting or factoring and canteen supplies are included. Materials supplied by customers for processing are
excluded, as are all purchases charged to capital account.
The values shown include any duty paid (less rebate
etc.) but exclude trade discounts allowed. The cost of transport is included only included in the cost of materials as invoiced; amounts paid to
transport organisations, including an establishment's own separate transport organ isations for
delivery of materials and fuel are therefore delivery of materials and fuel are therefore,
excluded. Materials purchased overseas are excluded. Mater the ir c.i.f. cost plus any duty payable
included at
if the cost of transort from the dot if the cost of transport from the docks was not included in the invoiced price, but at the ir full
delivery cost if invoiced "carriage paid home". Material sand fuel transferred from another depart
ment of the establishment not covered by the same ment of the establishment not covered by the same
return are included at the estimated selling value return are inchuded ar the estima.
recorded by the other department.
Sales
Sales are in respect of minerals raised or goods
produced by the business covered by the return produced by the business covered by the return,
and waste products. Any machinery or other capital
items items produced for use in the business covered by
the rether the return are included, the value being that adop-
ted in the establ ishment's asset accounts. Goods
sold without be ing subjected to any manufacturing
process (i.e. merchanted or factored) and canteen process (1.e. mercha
The value shown for sales is the net selling value defined, in the case of mine or quarry products, as
the amount charged to customers whether at ex-mine or ex-quarry prices or, in the case of other goods,
at ex-works prices, excluding any trade discounts,
agents. at ex-works prices, excluding any trade discounts
agents commissions, allowances for returnable
cases. purchase tax, etc; the net amount charged cases, purchase tax, etc; the net amount charged
for packaging materials is inctuded. Goods
char charged on a del ivered basis to
are included at the f.o.b. value
Goods produced in one establishment and transferre to another establ ishment of the same firm not
covered by the return were treated as sales by the
producing establishment producing establishment and valued as far as
possible as if they had been sold to an independen purchaser. Goods transferred to wholesale or retail selling organisations for which separate
accounts were kept were valued on the same basis
To the extent that sales of minerals raised and
finished products of one establishment constitute the materials purchased by another, total figures of the value of sules (and of materials and fuel
purchased) include an element of duplication. In purchased) include an element of duplication. In
some industries e.g. motor vehicle manufactur ing,
and woollen and worsted, this dupl ication is suband woollen and worsted, this dupl ication is sub-
stantial; and aggregates of the figures for a number of industries contain significantly greater dunts of duplication.
For work done on commission, sub-contract work, etc
the value shown is the total amount charged for the the value shown is the total amount charged for the
work, including the value of any materials bought
and used in such work.

## Services rendered

This represents the amounts charged for hiring out
plant, machinery and other goods, providing transport, or for any technical or other services
rendered to other organisations. It amounts credited for similar services rendered to other establishments of the same enterprise not covered by the return.
Standard Industrial Classification Industry classification is based on the Standard
Industrial Classification (Revised 1968). It is pull ished by H M Stationery Off ice together with a
separate index in the form of an alphabetical list separate index
of industries.

Stocks
Values are given of stocks of goods on hand for sale
and of materials and fuel, at the end of the year
and of materials and fuel, at the end of the year merchanting or factoring. Values of the change
during the year are also shown duty in the case of dutiable goods held out of bond.

The value of work in progress at the end of, and the change dur ing, the year are also usually ofhown.
This excludes any progress payments made to subThis excludes any progress payments made to sub-
contractors, and no deduction is made on account of progress payments received.
Transport payments
These represent the total amount paid or credited
during the year for both outwards transport of goods sold including waste products and inwards transport
of materials and fuel purchased of materials and fuel purchased. They include pay
ment to other establ ishments, and to any separate transport organisation of the same establ ishment not
covered by the return and the cost of outward trans-
port services performed by the business covered by the
return. The cost of transport services used in eturn. The cost of transport services used in such and for the transport of employees is excluded The items included are payments for hired cartage
and for inwards and outwards carriage by all forms
of inland transport i.e. railways, road haul canals, coastwise shipping, air, etc. The estima to a public railway line or to a point of shipment or sale is also included. Payments made for sea and air freight on goods sold to customers overseas
and on materials and fuel purchased from overseas .
Wages and salaries These are amounts paid during the year to operative These are amounts paid during the year to operatives
and to administrative, technical and clerical
employees. Payments to working proprietors, whethe employees. Payments to working proprietors, whether
called salaries or not, are excluded. The values shown include all overtime payments, bonuses and commissions, whether paid regularly or not, and no
deduction is made for income tax, insurances deduction is made for income tax, insurances,
contributory pensions, etc. The value of any paycontributory pensions, etc. The value of any pay-
ments in kind travelling expenses, lodging allowances
etc, etc. and employers contributions to national
insurances and pension schemes is excluded

Work given out
The figures shown represent the total amount paid
for work done by other establishments (whether of the same enterprise to them. They do not include payments to
individual outworkers or payments for business and individual out workers or payments for business and SYMBOLS USED
The foll owing symbols are used throughout the
report:
not available
nil or negli
nil or negligible (less than half the last significant figure)
figures cannot be shown owing to risk of
disclosing information about ind ividul disclosing information about individual
enterprises.
rounding of figures
Figures in the tables have, where necessary, been
rounded to the nearest final digit; there may rounded to the nearest final digit, there may,
therefore, be apparent slight discrepancies betwee the sums of the constituent items and the totals
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