## Business Statistics Office

## PA109

## 1978

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# Report on the Census of Production 

## Miscellaneous mining and quarrying



## PA 109

## Business Monitor

A publication of the Government Statistical Service

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Commencing with the 1971 Census, the Census of Production reports are being numbered in a uniform series embracing all industrial inquiries in the Business Monitor series. Business Monitors have a code $P$ (for
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Report on the Census of Production 1978

## Miscellaneous mining and quarrying

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

Department of Industry
Business Statistics Office

| List of Industry Reports, etc. |  |
| :--- | :--- |
| Lis. |  |
| PA1001 | Introductory notes |
| PA1 |  |


ne information in this report relates to establishments classified to the Miscellaneous mining and quarrying industry, minimum list heading 09 in the Standard Industrial Classification (revised 1968). The activities of the industry include: -

Mining or quarrying iron ore and ironstone, lead, tin and other non-ferrous metals or metalliferous ores, and alum, barytes, graphite, ypsum, fluorspar, etc. and such ancillary activities as cleaning, washing, grading, etc., normally carried out at pits and quarries; extracting and refining salt and salt processing and packing (at mine or pit).

In interpreting the data in the tables it is ossential to bear
In interpreting the data in the tables it is assenta on page (iii).

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Gross output
Purchases of materials for use in pro
duction, and packaging and fuel
Purchases of goods for merchanting or
factoring
Increase during the year, stocks of
materials, stores and fuel
Cost of industrial services received
Net output
Total employment (g)
Net output per head
Payments for non-industrial services
Hire of venicles, plant and
machinery
machnery
Rents of industrial and commercial
buildings
,
Commercial insurance premiums
Bank charges
Other non-industrial services
Licensing of motor vehicles
Rates, excluding water rates
Gross value added at factor cost
Gross value added at factor cost
11,842
(a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census.

Satisfactory returns accounted for 88 per cent of employment within the industr
Sales of products are valued at ex-quarry or ex-works prices, the cost of transport being shown separately.
Included in sales of goods produced.
(d) Included in Capital goods produced for establishments' own use.
(e) Details of manufacturers' sales of certain principal products are published regularly in Business Monitors PO109.2 and 109.3.
(f)
f) Included in Purchases of materials for use in production, and packaging and fue.
(g) Average number employed, including full and part-time employees (see table 7 ) and working proprietors.
(h) For 1974 and 1975 rents of industrial and commercial buildings were not recorded separately, but included in hire of vehicles, plant

Capital expenditure, $1974-1978$
All United Kingdom establishments classified to the industry (a) (b)

(a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census.
b) Capital expenditure in respect of manufacturing establishments where production had not commenced before the end of the year, is
c) Included in Land and existing buildings acquisitions.
table 3
Stocks 1974-1978
Stocks 1974 - 1978
All United Kingdom establishments classified to the industry (a)

|  | 1974 | 1975 | 1976 | 1977 |  | 1978 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Increase |  |  | Value at end of year |
| Materials, stores and fuel | 1.014 | 1,364 | 648 |  | 728 | 1,184 | 7.170 |
| Goods on hand for sale | -246 | 995 | 1,437 | -510 | -444 | 3,342 |
| Total | 768 | 2,359 | 2,085 | 219 | 740 | 10,512 |

## table 4

Analysis of establishments by size, 1978
All United Kingd om establ ishments classified to the industry (a)

| $\begin{aligned} & \text { Size } \\ & \text { group } \\ & \text { (b) } \end{aligned}$ | Estab- <br> lish- <br> ments | Enter- <br> prises <br> (c) | Employment |  |  | Wages and salaries (f) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total <br> (d) | Opera-tives | $\begin{aligned} & \text { Others } \\ & \text { (e) } \end{aligned}$ | Operatives |  | Others (e) |  |
|  |  |  |  |  |  | Total | $\begin{aligned} & \text { oer } \\ & \text { head } \end{aligned}$ | Total | per <br> head |
|  | Number | Number | Number | Number | Number | £ thousand | £ | £ thousand | £ |
| 1-10 | 44 | 40 | 179) |  |  |  |  |  |  |
| 11-19 | 16 | 16 | 218) | 891 | 168 | 4,413 | 4,953 | 818 | 4.869 |
| 20-99 | 14 | 10 | 687 ! |  |  |  |  |  |  |
| 100-299 | 6 | 5 | 948 | 754 | 193 | 3,564 | 4.727 | 1,046 | 5,420 |
| 300-499 | 3 | 3 | 1,135 | 886 | 249 | 4,326 | 4.883 | 1.291 | 5.185 |
| 500 and over | 3 | 3 | 2,638 | 2,144 | 494 | 12,011 | 5.602 | 3.455 | 6.994 |

$\begin{array}{llllllllll}\text { Total } & 86 & 72 & 5,805 & 4,675 & 1,104 & 24,314 & 5,201 & 6,609 & 5,987\end{array}$
(a) Includ ing estimates for establishments not mak ing satisfactory returns, non-response and establishments not selected for the Census.
(b) Average number employed, including full and part-time employees (see table 7 ) and working proorietors.
(c) The sum of the figures for the size groups may exceed the total for the industry because some enterorises control establishments in more than one size group.
(d) Including working proprietors.
(e) Administrative, technical and clerical employees.

| Total sales and work done (g) | Gross output | Net output |  | Gross value added at factor cost |  | Net capital expenditure (h) | Total stocks progress at end of year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | per head | Total | per |  |  |
| £ thousand | £ thousand | f thousand | £ | £ thousand | £ | £ thousand | f thousand |
| 21,277 | 24,539 | 17.156 | 15.827 | (j) | (j) | 3,370 | 1.788 |
| 20,371 | 22,290 | 14.248 | 15.030 | 24,473(j) | 12,044(j) | 6,113 | 1,597 |
| 16,338 | 16.452 | 8,988 | 7,919 | 7.727 | 6.808 | 1.554 | 1.533 |
| 71,805 | 78.814 | 48,476 | 18,376 | 36,543 | 13.853 | 10,592 | 5,595 |


| 129,790 | 142,094 | 88,868 | 15,309 | 68,744 | 11,842 | 21,629 | 10,512 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

(f) The cost of employers' contributions to national insurance, pensions and welfare schemes and the running costs of canteens, is estimated for the industry at $£ 5,586$ thousand
(g) Sales of goods produced, capital goods manufactured and build ings constructed by establishments for their own use, work done, industrial and non-industrial services rendered and merchanted goods.
(h) New building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery.
(i) Gross value added data relate to establishments employing 1-299.
table 5
Regional distribution of employment, net capital expenditure, net output and gross value added at factor cost, 1978
All United Kingdom establishments classified to the industry (a) All United Kingdom establishments classified to the industry (a)

| Area | Total employment (b) |  | Net capital expenditure (c) |  | Net <br> output (d) | Gross value added at factor cost (d) | Gross value added at factor cost returned by establishments with 80 per cent or more of their employment in the region as a proportion of total gross value added at factor cost in the region |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Thousands | per cent of United Kingdom | £ thousand | per cent of <br> United <br> Kingdom | £ thousand | £ thousand | percentage |


| Standard regions of England |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| North | 1.6 | 27.4 | 7.752 | 35.8 | * | * | * |
| Yorkshire and Humberside | 0.3 | 4.9 | 2.545 | 11.8 | 2,001 | 1,476 | 46.3 |
| East Midlands | 0.8 | 13.0 | 1.518 | 7.0 | 8,056 | 6,703 | 59.4 |
| East Anglia | * | * | * | * | * | * | * |
| South East | * | * | * | * | * | * | * |
| South West | 1.5 | 26.0 | 1.912 | 8.8 | 14.895 | 13,315 | 93.4 |
| West Midlands | 0.1 | 2.1 | 285 | 1.3 | 1,702 | 1,420 | 52.3 |
| North West | 1.3 | 23.2 | 6,662 | 30.8 | * | * | * |
| England | 5.7 | 98.0 | 21,000 | 97.1 | 83,791 | 65,353 |  |
| Wales | - | 0.6 | 123 | 0.6 | 227 | 187 | - |
| Scotland | * | * | * | * | * | * | * |
| Great Britain | * | * | * | * | * | * |  |
| Northern Ireland | * | * | * | * | * | * | * |
| United Kingdom | 5.8 | 100.0 | 21,629 | 100.0 | 88,868 | 68.744 |  |

(a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census,
(b) Average number employed, including full and part-time employees (see table 7 ) and working proprietors.
(c) New building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery.
(d) Where a census return covered addresses in two or more regions, an estimate of the net output attributable to each address was made
by assuming that net output was proportionate to employment. An estimate for each region was obtained by aggregating estimates of by assuming that net output was proportionate to employment. An estimate for each revion was ontained by aggregating estimates of
net output for addresses located in that region. Gross value added at factor cost is treated similarly.

TABLE 6
Percentage analvsis of twelve-month periods covered by returns received from United Kingdom establishments, 1978

## Accounting year ended

$\underline{\longrightarrow}$
Percentage of total returns received
Perce

May
May
June
July
August
September 5.0 0.5
October
November
December
January
February
March (b)
55.0
37.1

## (a) From 6th April.

(b) Including returns made for twelve-month period ended 1st to 5th April 1979.
table 7
Percentage analysis of employees, by full and part-time employment and sex, 1977(a)
Sex
Male
$\frac{\text { Full-time }}{\text { per cent }}$


Female
$\frac{\text { Part-time }}{\text { per cent }}$

| All employees |
| :--- |
| per cent |
| 95 |
| 5 |

95
5
a) The percentages relate to the numbers employed (excluding working proprietors) in the United Kingdom at mid-June, 1977

Operating ratios, 1977-1978
All United Kingdom establ ishn

|  | Unit | 1977 | 1978 |
| :---: | :---: | :---: | :---: |
| Gross output per head | £ | 22,729 | 24.478 |
| Net output per head | £ | 14,619 | 15,309 |
| Gross value added per head | £ | 11,014 | 11,842 |
| Gross value added as a percentage of gross output | \% | 48 | 48 |
| Ratio of gross output to stocks |  | 14.4 | 13.5 |
| Wages and salaries as a percentage of gross value added | \% | 40 | 45 |
| Ratio of operatives to administrative, technical and clerical employees |  | 3.8 | 4.2 |
| Wages and salaries per administrative, technical and clerical employee | £ | 4.837 | 5.987 |
| Wages and salaries per operative | £ | 4,270 | 5.201 |
| Net capital expenditure per head | £ | 2,929 | 3.726 |
| Net capital expenditure as a percentage of gross value added | \% | 27 | 31 |

(a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census.


Notes
These notes give the main information needed for interpreting the figures in the industry Business
Monitors: more detailed information about the census is given in a separate Business Monitor Census of Production, 1978.
GENERAL INFORMATION
Changes made for 1978
The Census for 1978
The Census for 1978 is in line with similar inquiries being conducted in other member countries
of the European Economic Communities. The census differed from earlier censuses in three respects.
Sampling was introduced for establishments Sampling was introduced for establishments
employing 20 to 49 and a sample of smaller units mploying 20 to 49 and a sample of smaller units as
capital assets was included for 1978 only. This
will provide register information for use in related inquiries into leasing.

Suppression of information relating to individual undertakings (b) of section $9(5)$ (b) of the Statistics of Trade Act 1947
states - "The following provisions shall have ffect with respect to any report, summary or othe communication to the publ ic of information obtained inder the foregoing provisions of this Act-
in compiling any such report summary or commun-
ication the competent authority shall so arrange it as to prevent any particulars published therein from being identified as being particu-
lars relating to any individual person or underlars relating to any individual person or under-
taking except with the previous consent in taking except with the previous consent in
writing of that person or the person carrying on
that undertaking, as the case may be; but this that undertaking, as the case may be; but this
provision shall not prevent the disclosure of the provision shall not prevent the disclosure of the
total quantity or value of any articles produced,
sold or delijvered; so, however, that betore disclosing any such total the competent authority shall have regard to any representations made to
them by any person who alleges that the disclosure thereof would enable particulars relating to him or to an undertaking carried on by him to be deduced from the total disclosed".
f a figure involved disclosure the contributor concerned was sometimes asked to give permission
for its publication. In the majority of cases for its publication. In the majority of cases
permission was given. When it was refused and permission was given. When it was refused and
where contributors were not approached the figure has been suppressed, either by combining it with
other figures, or as in the regional tables, by other figures, or as in the regional tables, by
omitting the figure altogether.

Symbols used
The following symbols are used throughout the PA
series of Business Monitors:
$\because$ not available

* nil or less than half the final digit shown
figures cannot be shown owing to the risk of
figures cannot be shown owing to the risk of
disclosing information about individual enterprises
revised

Rounding of figures
Figures in the trables have, where necessary, been
rounded to the nearest final digit. Where figures have been so rounded, the sum of the constituent items may not always agree exactly with the total Industrial classification
The United Kingdom Standard Industrial was subsequently revised in 1958 and 1968 . it exists to promote uniformity and comparability in
the official statistics of the United Kingdom.

The general principles followed are those of the
International standard industrial classificat nternational Standard Industrial Classificatio
of all Economic Activities of the United Nation Statistical Office but the United Kingdom si
reflects the organisation and structure of indus reflects the organisation and structure of indus
try and trade as it exists in the United Kingdom try and trade as it exists in a classification by activity and is no
The sic is a
commodity classification. However, an index a commodity classification. However, an index o
all commodity headings for which sales data ar provided in the Quarterly Business Monitors,
publ ished in Business Monitor PQ 1000. Statistical units
The statistical
The statistical unit for the purpose of the Census is the establishment which is defined in the si
as the smallest unit which can provide the info mation sormally required for an economic census,
mat
for example. for example, employment, expenses, turnover
capital formation. Usually the principal activi-
ties carried on capita formation. Usually the principal activi-
ties carried on in antablishment fall within a
single heading of the classification (eg stee single heading of the classification (eg steel
making or sugar refining). Typically the on at a single address eg a mine or a factory on at a single adoress eg a mine or a factory,
including those which are ancillary to the
principal activities. Freuently distinct principal activities.
activities characteristic of entily distinct
different industries activities characteristic of different industries
are carried on at one address, but normally these
 astablishment is classified according to the main activity. If, however, the required range of data
can be provided for each activity, each is taken can be provided for each activity, each is taken
to constitute a separate establ ishment. Somet imes
activities which are conducted as activities which are conducted as a single
business are carried on at a number of addresses business are carried on at a number of addresses.
Where this is so, businesses are asked to provide the full range of information in respect of each address, whether or not the activities are
different. Their activities may, however different. Their activities may, however, b
integrated to such an extent that they constitute ingle establ ishment. In the latter case tion
single ostablishment is defined to cover the combine activities at these addresses (termed local units),
Separate figures are obtained of employment and ne Separate figures are obtained of employment and net
capital expenditure at each unit in order to compile regional tables.
Efforts are made by the
Efforts are made by the Business Statistics Offic
(BSO) to ensure, by negotiating with respondents (BSO) to ensure, by negotiating with respondents,
that the return from an establ ishment does no cover local units in more than one of the countrie of the United Kingdom
stablishments are asked to exclude from their
returns particulars relating to any department engaged in production eg merchanting, transport varehousing, for which they keep a separate set o departments are treated as sales and respondents are asked to value them as far as possible as
sold to an independent purchaser. Where separat sold to an independent purchaser. Where separat
accounts are not kept they are asked to include accounts are not kept they are asked to inclu.
details of all these activities in their return. Particulars relating to head offices main engaged in the administration of the producti
units within the scope of the census wer units within the scope of the census warn
included. Where more than one return was made information in respect of the head office was apportioned among them.
For certain purposes in the annual censuses
production (especially the enterprise analyses production (especially the enterprise analyses
Business Monitor PA 1002) related establishmen are combined. An enterprise group is defined as a business consisting of either a single establish-
ment or two or more establishments under common ownership or control. Bringing together establishments into enterprise groups is also necessary for
the purpose of ensuring that there will be the purpose of ensuring that there will be no
disclosure of the activities of any one enterprise group. Information about the relationship establishments, the changing structure of groups

## HE REGISTER

egister permits a questionnaire to be sent irect to the reporting establishment on which the
atter can include information relating to all the anufacturing (or local) units which it comprises. inquiries the register continuous keeping the register continuously up-to-date
dact as a check on its detail and structure. or the establishments on the register making or the to the quarterly inquiries, the industrial
etussification is derived from an analysis of their lassification is derived from an analysis of their
ales of commodities and is reviewed annually. mployment data are entered on the register from
drens to the annual census of production. In eturns to the annual census of production. In
ases where an establ ishment does not make a return ases where an establ ishment does not make a return
o these inquir ies the employment data are based on o these
nformation provided by the Department of mployment from the annual censuses of employment.
New additions to the register are obtained from New additions to the register are obtained from
various sources including the oepartment of
Employment and HM Customs and Excise. The 1973 marlous sources HM Customs and Excise. The 1973
mployment and allows the latter to pass lists of
inance Act al usinesses registered for VAT to the BSO. Where
directly from new usinesses. Units which cease to trade are removed om the live register.
n recent censuses returns have been required from
II establ ishments employing 20 or more. For the 11 establ ishments employing 20 or more. For the
978 Census in 68 selected manufacturing industries 978 Census in 68 selected manufacturing industries
overage of establ ishments in the 20 to 49 employnent size band has been reduced to a 1 in 2 sample.
This change has rellieved some 5,800 firms of the his change has relleved some 5,800 firms of the
eed to complete a census return. The Census has cluded for the first time a small sample (aroun
per cent) of units employing 11 to 19 to meet an CC requirement to collect a limited range of data om smaller units every 5 years.
he regions defined in Table 5 take account of the oundary changes arising out of the Local
overnment Act 1972 and the Local Government Act Scotland) 1973. These changes came into effect in
pril 1974 in England and Wales and May 1975 in cotland.
ERMS USED IN THE CENSUS REPORT
verage number employed
stablishments were required to state the number of eparate tigures were required for: year of return. (a) administrative, technical and clerical employees
all other
employees (operatives) Nerages could be calculated from the figures
elating to the last week of each calendar month. stablishments were also required to state the umber of working proprietors where appropriate ans
hese are included in total employment figures. ee figures include persons engaged on merchanting factoring and canteen workers where particulars respect of these activities could not be
orking proprietors
hese include all
melorsons regarded as "selfembers of tor national insurance purposes and
families who worked in the usiness without recelving a wage or salary; but such persons who worked less than half the norma
number of working hours are excluded. Directors orking in the business but not in receipt of lorking in the business but not in receipt of a
definite wage, salary or commission are included
under this heading: directors pala by fee only are

Amployees Admintrative, technical and clerical employees include directors in receipt of a definite wage, research and design, employees (other than opera-
tives); draughtsmen, editorial staff, advertising staff, travellers and all office employees. er tives incluce all other classes of employees, hat is, broadly speaking, all manual wage earners.
hey include operatives employed in power stations, ransport (including roundsmen) power stations, tores, shops and canteens, inspectors, maintenance workers and cleaners. ${ }^{2}$ Operatives engaged in
outside work of erecting, fitting etc are also included.
Capital expenditure
Capital expenditure during the year in respect of manufacturing units where production had not tarted before the end of the year is included,
stablishments were asked not to deduct from the Estalishments were asked not to deduct from the expected to be received in grants or al lowances
from the Government or any statutory body or local uthority. Establishments with 100 or local aumployees were asked to Include a total net capital expenditure figure for each calendar year and to hown in cost of new building work, vehicles or plant and
nachinery included goods for letting out on hire or leasing.
a) New building work
his represents the cost incurred during the year sed in connection with the business covered to be etcount The value is that charged to capital expenditure on new buildings and on the extension reconstruction of old buildings, the value of orks of a capital nature carried out by the estab-
ishment's own staft and the cost of any newly onstructed buildings purchased. Figures shown nclude legal charges, stamp duties, agents'
b) Land and existing bulldings purchased and the capital cost or premium payable
or leasehol ds acquired (excluding the value of assets acquired in taking over an existing business), and the amounts recelvable for freeholds or leaseholds disposed of. The value is that
charged to capital account during the year of charged
(c) Plant, machinery and vehicles
The items shown are the value
he items shown are the value of plant and machinery and of vehicles acquired, both new and second-hand, and the amount received for items
disposed of during the year. The value of plant
and machinery acguired irms produced acquired includes plant, etc which
for their own use in connection with firms produced for their own use in connectlon with plant, etc acquired is the expenditure charged to
capital account during the year of return less any capital account during the year of return less any
discounts received, but including the cost of transport and installation.
Deductible value added tax is excluded but non-
deductible value added tax on motor cars acauired is included. No deduction is made for acquired ion, amortization or obsolescence. The proceeds of items disposed of during the year exclude
amounts written-off for items scrapped.

Cost of industrial services
This includes amounts payable to other firms for
work done on materials supplied by the establishment, payments for repairs and maintenance
(including those in respect of rented buildings) and amounts paid to other firms for contracts which Cost or indurti
Cost of non-industrial services
This includes rents of industrial and commercial buildings, hire of plant, machinery and vehicles
(excluding vehicles hired with drivers), commercial insurance premiums, bank charges and amounts pald for professional services, post office services,
transport (within the United Kingdom), advertising transport (within the United Kingdom), advertising
etc. Amounts payable on royalties for the right to etc. Amounts payable on royalties for the right to turing, mining and quarrying rights and technical "know-how" are also included.
Gross output
In the calculation of gross output the value of
total sales and work done is increased by the or reduced by the fall) during the year in the (or reduced by the fall) during
value of goods on hand for sale.
Net output
Net output, a customary census measure, is
calculated by deducting from gross output the cost of purchases (reduced by the rise, or increased by the fall, during the year of stocks of materials
etc.) and the cost of industrial services recelved, etc.) and the cost of industrial
and where applicable, duties etc.
Net output per head
The figures of net output per head are derived by
dividing the net output by the average number of persons employed (full and part-time) on all
activities covered by the activities covered by the returns, including
operatives, administrative, technical and clerical omployees and working proprietors.
Gross value added at factor cost
Gross value added at factor cost is calculated by
deducting from net output the cost of the industrial services eg rent of buildings, hire of plant, machinery and vehiclos (excluding vehicles hired with drivers), commercial insurance premiums,
bank charges and amounts paid for professional services, post office services, transport (within
the United Kingdom) and advertising, rates (excluding water rates) and the cost of licensing
motor vehicles. This estimate of gross value added approaches more closely than census net output to
the definition of net output or value added in the definition of net outpu
national accounts statistics.

Gross value added at factor cost per head
The tigures of gross value added at factor cost
per head are derived by dividing the gross value per head are derived by dividing the gross value
added by the average number of persons employed (full and part-time) on all activities covered by
the returns, including operatives, administrative the returns, including operatives, administrative,
technical and clerical employees and working technical and

## Purchases

urchases include the cost of raw materials, compoterials; semi-manufactured goods and workshop tools not charged to capltal parts and consumable materials of all types; of stationery and printed materials to be used by the establishment or given out to other establ ishments for the production of machinery or other capital items for the establish-
ment's own use; of materials for use by the establishment when working on goods supplied by
customers; and of food, etc for any canteen covered customers; and of food, etc for any canteen covered
by the establ ishment's return by the establ ishment's return. Transfers of goods
to the establ ishment trom another department of the same firm not covered by the establishment's return
are included at a cost corresponding to the
estimated selling value recorded by the oth department. Amounts payable to transport firms or
credited to the firm's own transprt credited to the firm's own transport department for
delivery of materials are excluded, as are ail delivery of materials are excluded, as are at
purchases of machinery and plant charged to capita account. Purchases of goods for merchanting a factoring have been col lected separately since They includ of packion to the actual purchase price, the va The value of material charged to the establishment. returned of returned goods or packaging material
to suppliers and any trade discounts excluded. Materials purchased duty-paid are included at their duty-pald value, less any
drawback, rebate, etc. The cost of transport included only if it is included with the purchas price in the firm's accounts. Imported goods are
included at their full delivered cost. if in the firm's accounts the transport from docks or airport
is not included in the cost of goods purchased is not included in the cost of goods purchased, the Leasing, renting and hire purchase charges are excluded.
Sales of goods produced
Sales for the purposes deliveries on sale of minerals annual censuses means by establishments in the United Kingdom covered by the inquiry. Sales of goods made for these estab-
lishments by other establishments from materials given out to them and sales of waste products are capital items produced by establishments for hiring out or leasing are regarded as sales, the value included in the return being that adopted in the establishments' capital asset accounts. Forward in the period of the inquiry are included irrespective of when the goods were manufactured. Goods produced in one establishment and transferred either to ancillary departments not engaged in
production for which there are separate accounts, or to another establishment of the same firm not covered by the return, are treated as sales by the
producing establishment and valued as far as producing establishment and valued as far as
possible as if they had been sold to an independent purchaser. Goods transferred to wholesale or
retail selling organisations, for which separate retail selling organisations, for which separate
accounts are kept are valued on the same basis accounts are kept are valued on the same basis.
The value shown for sales is the "net sell valuel defined as the amount (excluding vati)
charged to customers whether on an ex-works or charged to customers whether on an ex-works or
delivered basis, after any trade discounts and delivered basis, after any trade discounts and
agents' commissions have been deducted. The cost of packing materials less al lowance for returnable
cases is included.

Receipts
rendered
rendered Figures for work done represent the amount charged for work carried out on materlals supplied by a
customer and include the value of any materials bought and used in such worke Activities within this heading include repair and jobbing work, erection and installation of plant and machiner
exploration work and research and development. exploration work and research and development. maintenance, installation work, and technical and studies for other organisations. Capital goods produced for establishments' own use
This includes all work of a capital nature carrifed
out during the year by the establ ishments' own out during the year by
staff for their own use.

Non-industrial services rendered
This includes rents received for commercial and industrial buildings, amounts charged for hiring
out plant, machinery and vehicles and other goods
and amounts charged to other organisations for the
rovision of transport. It also includes amounts provision of transport. it also includes amount
received for the right to use patents, trademarks recelvights etc, manufacturing, mining and quarrying
copyrigh and technical "know-how" and revenue from
rights rights and technical "know-how"
such staff facilities as canteens.
Goods merchanted or factored
Merchanted goods are those (excluding canteen
sales) sold without having been subjected to any sales) sold without having been sub.
manufacturing process by the seller.
Stocks and work in progress
values are given of stocks of goods on hand for
sale and of materials, stores and fuel, at the end sale and of materials, stores and fuel, at the end year, including any stocks of goods held for
nerchanting or factoring. Work in progress is mefined as materlals which have ben partially
define
processed by the establishment but which are not processed by the establishment but which are not
usually sold or transferred to another establishusually sold or transferred to another establish-
ment without further processing. The values ment
include the cost of mater ials consumed and labour
used. Progress payments made to subcontractors are used. Progress payments made to subcontractors are
excluded and progress payments received from other excluded and progress payments
organisations are not deducted.
lages and salarles
hese are amounts paid during the year to
peratives and to administrative, technical and operatives and to administrative, technical and
clerical employes. Payments to working
proprietors, whether called salaries or not, are roprietors, whether called salar ies or not, are
oxcluded. The values shown include all overtime payments, bonuses and commissions, whether paid
regularly or not, and no deduction is made for income tax, insurances, contributory pensions etc.
the value of redundancy payments less any amounts the value of redundancy payments less any amounts
reimbursed from Government sources is included. eimbursed from Government sources is included.
the value of any payments in kind, travelling
expenses etc is excluded.
Imployers' insurance and wel fare contributions
his item Includes national insurance empleyers contributions to ensions Act, 1975 as well as commercial insurance
premiums to provide remiums to provide pensions, superannuation or
other retirement benefits, sickness benefits,
ersonal accident benefits. disabily personal accident benefits, disability or death
benefits for employees or former employees or their benefits for employees or former employees or thei
dependants. Contributions to the running costs o dependants. Contributions to the runing costs of
canteens, social centres, children's and hol liday
homes, etc for employees, former employees and
their dependants are also included.
perating ratios
The operating ratios shown were obtained by
dividing the estimate of the industry total for the ividing the estimate of the industry total for the
quantity shown in the numerator by the correspondquantity shown in the numerator by the correspond-
ing estimate for the quantity shown in the
denominator. denominator. These estimates cover all establ ish-
ments classified to each industry, including ents classified to each industry, including
non-sel ected establ ishments and non-respondents. non-selected establishments and non-respondents.
With an industry, it is possible to compare
ratios for an individual firm with the ratios shown ratios for an individual firm with the ratios shown
for the relevant industry. However, it is or the relevant industry. However, it is
important to bear in mind that various factors may mportant to bear in mind that various factors may
affect the results - for example, differences in definitions, treatment of depreciation (which is
not identified in the census data) and varying not identified in the census data) and varying
practice with regard to stock valuation, may affect ractice with regard to stock val
omparability in some respects.
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[^0]:    Table
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