## Business Monitor

## 1977

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Chalk, clay, sand and gravel extraction

## Business Monitor

Report on the<br>Census of Production 1977

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Chalk, clay, sand and gravel extraction

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 )

[^0]|  |  |
| :--- | :--- |
| PA1001 | Introductory notes |
| PA1 |  |

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

The information in this report relates to establishments classified to the Chalk, clay, sand and gravel extraction industry, minimum list heading 103 in the Standard Industrial Classification (revised 1968). The activities of the industry include:-

Extracting chalk, clay, sand and gravel from pits or quarries and such ancillary activities as cleaning, washing, grading, etc. normally carried out at pits and quarries.

Fiqures in this report for 1973 relate only to Great Britain; an annual census of production in this industry was not taken in Northern Ireland until 1974.

Stone and slate quarrying and mining Petroleum and natural gas extraction Miscellaneous mining and quarryin Bread and flour confectionery Bacon curing, meat and fish products Sugar
Cocoa, Fruit and vegetable products
Animal and poultry foods Vegetable and animal oils and fats

Brewing and malting
Spirit distilling and compounding
British wines, cider and perry
Tobacco Mineral oil refining Lubricating oils and greases Inorganic chemicals
Organic chemicals Miscellaneous chemicals
Pharmaceutical chemical Toilet preparations
Paint
Soap and detergents
Synthetic resins and Synthetic resins and plast
synthetic ruber
Dyestuffs and piaments Fertilizers
Polishes
Formulated adhesives, gelatine, et Explosives and tireworks
Formulated pesticides, etc.
Printing in Printing ink
Surgical banda Photographic chemical Steel tubes
Iron castings
Aluminium and aluminium alloys
Copper, brass and other copper alloy Copper, brass and other co Agricultural machinery (except tractors)
Metal-working mach ine tools Pumps
Valves
Industrial engine

Construction ard and accessories
Mechanical handling equipment
Office machinery
Mining machinery
Printing, bookbinding and paper goods
Refrigerating machinery, spocac-heating. ventilating and air-conditioning equipment
Scales and weighing machinery and portable
power tools
Food and drink processing machinery and packaging and bottling machinery
Miscellaneous (non-electrical) mach Industrial (including process) plant and steelwork Ball, roller, plain and other Photographic and document copying equioment atches and clocks
Scientific and industrial instruments and systems Electrical machinery
Telegraph and telephone apparatus and
equipment
Radio and electronic components
Gramoohone records and tape rec
Broadcast receiving and sound reproducing
Equiectronic computers
Radio, radar and electronic capital goods
Electrical appliances primarily for domestic use

```
Wheeled tractor manufacturing
Trailers, caravans and freight containers
Motor cycle, tricycle and pedal cycle manufacturing
*)
Engineers' small tools and gauges
Cutlery, spoons, forks and plated tableware, et
Cans and metal boxes 
Miscellaneous metal manufacture
Spinning and doublingon the cotton and flax system
Weaving of cotton, linen and man-made fibres
Jute, twine and net
Hosiery and other knitted goods
Lace
Household textiles ack hathersi
Canvas goods and
Miscellaneous textile industries
    Leather Itannin
Weatherproof outerwear
Wemen's and girls' tailored outerw
Dresses, lingerie, infants' wear, etc.,
Corsets and miscellaneous dress industries
ootwea
Refractory goods
Pottery
C=ment 
Mimber Furniture and upholstery
Shop and office fitting
Wooden containers and baskets
Cardboard boxes, cartons and fibre-board packing cases
Miscellaneous manufactures of paper and board
General printing and publishing
Binoleur, plastics fic
Summary tables
```

Output and costs, 1973-1977
All United Kingdom establishments classified to the industry (a) (b)

|  | Unit | 1973 | 1974 | 1975 | 1976 | 1977 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Enterprises | Number | 536 | 607 | 598 | 587 | 576 |
| Establishments | , | 1.038 | 1,134 | 1.142 | 1,085 | 1.059 |
| Sales of goods produced (c) | f thousand | 168,761 | 200,970 | 221,665 | 274,290 | 354,528 |
| Receipts for work done and industrial services rendered | " | (d) | (d) | (d) | 468 | 1,349 |
| Capital goods produced for establishments' own use | " | 2,247 | 3,754 | 4,199 | (d) | (d) |
| Non-industrial services rendered | " | 780 | 276 | 402 | 681 | 1.011 |
| Goods merchanted or factored | " | 3,122 | 3,495 | 4,349 | 5,259 | 5,967 |
| Total sales and work done (e) | " | 174,911 | 208,495 | 230,615 | 280,697 | 362,854 |
| Value of outward transport on goods sold |  |  |  |  |  |  |
| by establishments own staff | " | 13,158 | 11,630 | 17,309 | 19,665 | 25,131 |
| by other organisations | " | 31,450 | 24,520 | 32,715 | 41,611 | 46,290 |
| increase during the year, goods on hand for sale | " | -97 | 803 | 1,950 | 3,722 | -838 |
| Gross output | " | 219,422 | 245,448 | 282,590 | 345,695 | 433,437 |
| Purchases of materials for use in production, and packaging and fuel | " | 45,690 | 54,183 | 60,693 | 73.412 | 103,722 |
| Purchases of goods for merchanting or factoring | " | 2,661 | 2,938 | 3,884 | 4.375 | 3,969 |
| Increase during the year, stocks of materials, stores and fuel | " | 558 | 3,734 | 803 | 2,560 | 2,848 |
| Cost of industrial services received | " | 5,084 | 5,249 | 8,523 | 15,397 | 19,075 |
| Net output | " | 166,545 | 186,812 | 210,293 | 255,071 | 309,518 |
| Total emoloyment ( $f$ ) | Thousands | 20.9 | 21.1 | 19.7 | 19.9 | 20.0 |
| Net outout per head | £ | 7,961 | 8,858 | 10,681 | 12,840 | 15,443 |
| Payments for non-industrial services |  |  |  |  |  |  |
| Hire of vehicles, plant and machinery | £ thousand | 6,155 | 9,945 | 7,113 | 9,707 | 16,867 |
| Rents of industrial and commercial buildings | - | (g) | (g) | (9) | 338 | 203 |
| Commercial insurance premiums | . | 674 | 887 | 1,329 | 1.497 | 1,619 |
| Bank charges | " | 54 | 28 | 77 | 70 | 72 |
| Other non-industrial services | " | 36,680 | 30,037 | 38,829 | 55,738 | 57,070 |
| Licensing of motor vehicles | " | 706 | 747 | 912 | 942 | 1,318 |
| Rates, excluding water rates | " | 1,827 | 2,168 | 2,000 | 3,180 | 4,864 |
| Gross value added at factor cost | " | 120,451 | 143,000 | 160,032 | 183,599 | 227,506 |
| Gross value added at factor cost per head | £ | 5,758 | 6,781 | 8,128 | 9,242 | 11,351 |

[^1]Capital expenditure, 1973-1977
All United Kingdom ester
All United Kingdom establishments classified to the industry (a) (b) (c)

(a) 1973 figures relate to Great Britain only.
(b) Including estimates for establishments not making satisfactory returns, non-response and establishments with fewer than 20 persons. Capital expenditure in respect of manufacturing establishments where production had not commenced before the end of the year, is
included.

|  |  |  |  |  |  |  | PA 103 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Total sales } \\ & \text { and work } \end{aligned}$done (g) | Gross output | Net output |  | $\begin{aligned} & \text { Gross value } \\ & \text { added at } \\ & \text { factor cost } \end{aligned}$ |  | Net capital expenditure (h) | Total stocks and work in progress at end of year |
|  |  | Total | per head | Total | $\begin{aligned} & \text { per } \\ & \text { head } \end{aligned}$ |  |  |
| £ thousand | £ thousand | £ thousand | £ | £ thousand | £ | £ thousand | £ thousand |
| 204,075 | 255,713 | 181,414 | 17,538 | (j) | (j) | 19,396 | 12,172 |
| 20.042 | 25,370 | 18,145 | 15.299 | 145,832(j) | 12,648(j) | 1,975 | 1,853 |
| 138,738 | 152,354 | 109,959 | 12,918 | 81,674 | 9.595 | 12,531 | 12,985 |
| 362,854 | 433,437 | 309,518 | 15,443 | 227,506 | 11,351 | 33,902 | 27,010 |
| The cost of employers' contributions to national insurance, pensions and welfare schemes and the running costs of canteens, is estimated for the industry at $£ 7,499$ thousand. |  |  |  |  |  |  |  |
|  | Sales of goods produced, capital goods manufactured, buildings constructed by establishments for their own use, work done dustrial and non-industrial services rendered and merchanted goods. |  |  |  |  |  |  |
| (i) Gross value added data relate to establishments employing 1-199. | ew building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery. |  |  |  |  |  |  |

[^2]TABLE 5
Regional distribution of employment, net capital expenditure, net output and gross value added at factor cost, 1977 Regional distribution of employment, net capital expenditure, ne
All United Kingdom establ ishments Classified to the industry (a)

| Area | Total employment (b) |  | Net capital expenditure (c) |  | Net output (d) | Gross value added at factor cost (d) | Gross value added at factor cost returned by establishments wi 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 region |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Thousands | $\overline{\text { per cent of }}$ <br> United <br> Kingdom | £ thousand | per cent of United Kingdom | £ thousand | £ thousand | percentage |
| Standard regions of England |  |  |  |  |  |  |  |
| North | 0.5 | 2.3 | 792 | 2.3 | 7.454 | 5,769 | 25.6 |
| Yorkshire and Humberside | 0.9 | 4.4 | 2.079 | 6.1 | 16,338 | 11,910 | 26.7 |
| East Midlands | 1.2 | 6.2 | 1,952 | 5.8 | 21,391 | 15,829 | 23.2 |
| East Anglia | 1.8 | 9.1 | 3,977 | 11.7 | 33,022 | 24,363 | 19.3 |
| South East | 4.0 | 19.7 | 6,087 | 18.0 | 66.192 | 48,978 | 29.1 |
| South West | 7.6 | 37.8 | 10,551 | 31.1 | 94,026 | 67,498 | 90.4 |
| West Midlands | 1.1 | 5.5 | 1,838 | 5.4 | 19,325 | 14,110 | 22.7 |
| North West | 1.0 | 4.8 | 2,774 | 8.2 | 17,510 | 13,824 | 71.0 |
| England | 18.0 | 90.0 | 30,050 | 88.6 | 275,259 | 202,281 |  |
| Wales | 0.4 | 1.9 | 546 | 1.6 | 5,475 | 4,119 | 11.3 |
| Scotland | 1.4 | 7.1 | 2,849 | 8.4 | 25,225 | 18,425 | 34.4 |
| Great Britain | 19.8 | 98.9 | 33,446 | 98.6 | 305,960 | 224,825 |  |
| Northern Ireland | 0.2 | 1.1 | 457 | 1.4 | 3,559 | 2,681 | 8.5 |
| United Kingdom | 20.0 | 100.0 | 33,902 | 100.0 | 309,518 | 227,506 |  |

(a) Including estimates for establishments not making satisfactory returns, non-response and establishments with fewer than 20 persons.
(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 Where a census return covered addresses in two or more regions, an estimate of ene
by assuming that net output was proportionate to employment. An estimate fore reain was outained by aggregating estimates of
net output for addresses located in that region. Gross value added at factor cost is treated similarly.

| Accounting year ended |  | Percentage of total returns received | Percentage of total number emploved |
| :---: | :---: | :---: | :---: |
| 1977 |  | per cent | per cent |
|  | April (a) | 1.1 | 0.3 |
|  | May | 2.3 | 1.4 |
|  | June | 5.7 | 9.8 |
|  | July | 1.1 | 0.6 |
|  | August | 0.0 | 0.0 |
|  | September | 9.1 | 49.8 |
| 1978 | October | 1.1 | 0.3 |
|  | November | 3.4 | 0.8 |
|  | December | 64.8 | 31.2 |
|  | January | 0.0 | 0.0 |
|  | February | 0.0 | 0.0 |
|  | March (b) | 11.4 | 5.8 |

From 6th April.
Including returns made for twelve-month period ended 1st to 5 th April 1978.

## TABLE 7

| Sex | Full-time | Part-time | All employees |
| :---: | :---: | :---: | :---: |
|  | per cent | per cent | per cent |
|  | 88 | 1 | 89 |
| Female | 9 | 2 | 11 |

[^3]
## table 8

Oeparaing ratios, 1977
All Uniter K indodom est
All United Kingdom establishments classified to the industry (a)

Gross output per head
Net output per head

Gross value added per head
Gross value added as a percentage of gross output
Ratio of gross output to stocks
Wages and salaries as a percentage of gross value added

Ratio of operatives to administrative, technical and clerical
emplovees

Wages and salaries per operative
Wages and salaries per administrative, technical and clerical

Net capital expenditure per head
Net capital expenditure as a percentage of gross value added
(a) Including estimates for establishments not making satisfactory returns, non-response and establishments employing fewer than 20
ments, the changing structure of groups of
companies and about common ownership links is obtained from many sources, including the stock Exchange Year Book, company reports, press reports
and
information supplied by indidual establ ishments
THE REGISTER
The register permits a questionnaire to be sent
direct to the reporting establishment on which the latter can include information relating to all the manufacturing (or local) units which it comprises. The inquiries provide a major source of
information for keeping the register continuously up-to-date and act as a check on its detail and structure. For the establishments on the register
making returns to the quarterly inquiries, the making returns to the quarterly inquiries, the
industrial classification is derived from an analysis of their sales of commodities and is reviewed annually. Employment data are entered on
the register from returns to the annual census of production. In cases where an establishment does not make a return to these inquiries the employment data are based on information provided
by the Department of Employment from the annual censuses of employment.
New additions to the register are obtained from various sources including Companies Registration Office and the Department of Employment. The 1973
Finance Act allows HM Customs and Excise to pass to the BSO lists of businesses registered for VAT.
Information from all these sources is used Information from all these sources is used to mprove the register, and where necessary, detaits
are sought directly from new businesses. Units are sought directly from new businesses.
which cease to trade are removed from tive increasing use of the information obtained from Increasing use of the information obtained from
the Department of Employment, MM Customs and
Excise and BSO inquiries has led to improvements on the register, which in turn enabled the BSO to produce better estimates, particularly of numbers
of smaller establishments and enterprises.

Coverage A return was required in the 1977 Census from each establishment with 20 or more employees. Each
establishment is classified to an industry, as defined in the sIC, whose principal products form
the major part of the establishment's sales. the major part of the establishment's sales.

Regions
The regions defined in Table 5 take account of the
boundary changes arising out of the Local Governboundary changes arising out of the Local Govern-
ment Act 1972 and the Local Government Act (Scotland) 1973. These changes came into effect in April 1974 in England and Wales and May 1975 in Scotland.

TERMS USED IN THE CENSUS REPORT
Average number employed persons on the payroll on average during the year
of return, whether full-time or part-time employees. Separate figures were required for:
(a) administrative, technical and clerical (a) admin istra
(b) all other employees (operatives)
verages could be calculated from the figures Averages could be calculated from the figures Establishments were also required to state the
number of working proprietors where appropriate and these are included in total employment figures. The figures include persons engaged on erchanting or factoring and canteen workers wher particulars in respect of these activities could
not be excluded from the return.

Working proprietors
These include all
hese include all persons regarded as "selfemployed" for national insurance purposes and
members of their families who worked in the business without receiving a wage or salary; but such persons who worked less than half the normal
number of working hours are excluded.
of a definite wage, salary or commission only are not included
Emp loy
Administrative, technical and clerical employea include directors in receipt of a definite wage,
salary or commission, managers and works foremen
research and design employees rother tha
 emp loyees.
Operatives include all other classes of employees
that is, broadly speaking, all manual wage eareners they include operatives employed in power stations They include operatives employed in power stations,
transport (including roundsmen), warehouses,
stores, shops and canteens, inspectors, maintenanas stores, shops and canteens, inspectors, maintenana
workers and cleaners.
outside work of erecting, fitting etc are included.
Capital expenditur
Capital expenditure during the year in respect started before the end of the year is include
Establishments were asked not to deduct from value of capital expected in grants or allowance from the Government or any statutory body or loca authority. Establishments with 100 or mor
employees were asked to include a total net capita employees were asked to include a total net
expenditure figure for each calendar year.
(a) New building work

This represents the cost incurred during the yea
of new building and other constructional work to of new building and other constructional work to
used in connection with the business covered by thi return. The value is that charged to caplta account during the year of return; it include
expenditure on new buildings and on the extensie
or reconstruction or reconstruction of old buildings, the value works of a capital nature carried out by
establishment's own staft and the cost of any ne
constructed buildings purchased. include legal charges, stamp duties, agent missions, etc.
(b) Land and existing buildings The items shown are the capital cost of freeho
purchased and the capital cost or premium payal for leaseholds acquired cexcluding the value
assets acquired in taking over an existi assets acquiness), and the amounts receivable for freehol or leaseholds disposed of. The value is the
charged to capital account during the year charged
return. (c) Plant, machinery and vehicles
The items shown are the value of plant a
machinery and of vehicles acquired, both new a second-hand, and the amount received for itee
disposed of during the year. The value of plat and machinery acquired includes plant, etc whio
firms produced for their own use in connection wit firms produced for their own use in connection wit
the business covered by the return. The value the business covered by the return,
plant, etc acquired is the expenditure charged capital account during the year of return less a discounts recelved, but including the cost
transport and installation. Deductible value adde tax is excluded but non-deductible value added to on motor cars acquired is included. No deducti
is made for depreciation, amortization obsolescence. The proceeds of items disposed
during the year exclude amounts written-off items scrapped.
Cost of industrial services
This includes
This includes amounts payable to other firms Work done on materials supplied by the establis
ment, payments for repairs and maintenand (including those in respect of rented building
and amounts paid to other firms for contrac and amounts paid to other firms for contrac

Cost of non-industrial services
This includes rents of
This includes rents of industrial and commercia buildings, hire of plant, machinery and vehicles
vexcluding veticles hired with drivers),
commercial insurance premiums, bank charges and commerch paid for professional services, post office services, transport (within the United
kingdom), advertising etc. kingom), advertising etc. Amounts payable on
royalities for the right to use patents, trademarks, copyrights etc, manufacturing, mining
and quarrying rights and technical "know-how" are also included.
Gross output
In the calculation of gross output the value of tal sales and work done is increased by the rise ue of goods on hand for sale.
output
output
output, a customary census measure, is
culated by deducting from gross output the cost purchases (reduced by the rise, or increased by all, during the year of stocks of materials
and the cost of industrial services ed, and where applicable, duties etc
et output per head
he figures of net output per head are derived by
ividing the net output by the average number ersons employed (full and part-time) on af all
activities covered by the returns, incluting ctivities covered by the returns, including
operatives, administrative, technical and clerical employees and working proprietors.
ross value added at factor cost
ross value added at factor cost
Goss value added at factor cost is calculated by
leducting from net output the cost of non ndustrial services eg rent of buildings, hire
f plant, machinery and vehicles in ehicles hired with drivers), commercial (excluding
remiums remiums, bank charges and amounts paid for
rofessional services, post office services ransport, (within the United Kingdom) and
divertising, rates (excluding water rates) and the ost of licensing motor vehicles. This est imate
f gross value added approaches more closely than ensus net output to the definition of net output

5 value added at factor cost per head
er figures of gross value added at factor cost dded by the average number of persons employed
full and part-time) on all activities covered by he returns, including operatives, administrative,
echnical and clerical employees and working
include the cost of raw materials, s, semi-manufactured goods and workshop not charged to capital account; of packaging
Is of all types; of stationery and printed lals to be, electricity ased by water; of the establishment or
out to other establishments thr the out to other establishments for the product-
machinery or other capital machinery or other capital items for the ishment's own use; of materials for use by
tablithment when working on goods supplied by ers; and of food, etc for any canteen covered
establishment's return. Transters of goods establishment from another department of the
rm not covered by the establ ishment uded covered by the establishment's return
selling a cost corresponding to the selling value recorded by the other
Amounts payable to transport firms or to the firm's own transport department for of materials are excluded, as are al al
of machinery and plant charged to capita Purchases of goods for merchanting or
have been collected separately since
973. The values shown exclude VAT. They include, in addition to the actual purchase price, the value
of packaging material charged to the establishment The packaging material charged to the establishment. The value of returned goods or packaging material
returned to suppliers and any trade discounts are excluded. Materials purchased duty-paid are included at their duty-paid value, less any
drawback, rebate, etc. The cost of transort is drawback, rebate, etc. The cost of transport is price in the firm's accounts. Imported porchase 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, the cost is entered at cif plus duty (if applicable). Leasing, renting and hire purchase charges are
excluded.

Sales of goods produced
Sales for the purposes of the annual censuses means
deliveries on sale of deliveries on sale of minerals raised or goods made
by establishments in the United Kingdom covered by the inquiry. Sales of goods made for these estab-
iishments by other establishments from materials given out to them and sales of waste products are
included. New building work and machinery or other capital items produced by establishments for other out or leasing are regarded as sales, the value included in the return being that adopted in the sales and canteen takings are excluded. Forwar in the period of the inquiry are included Groods produced in one establ ishment and tractured. either to ancillary establishment and transferre 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 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 separat
accounts are kept are valued on the same accounts are kept are valued on the same basis.
The value shown for sales is the "net selin value" defined as sales is the "net selling (excluding VAT)
charged to customers charged to customers whether on an ex-works or delivered basis, after any trade discounts and of packing materials less allowance for returnable

Receipts for work done and industrial services Figures for work done represent the amount charged for work carried out on materials supplied by bought and used in such work. Activities within
this heading include repair and jobbing work, erection and installation of plant and machinery, Industrial services rendered include repairs and maintenance, installation work, and technical sesarch and studies for organisations.
Capital goods produced for establishments' own This includes all work of a capital nature carried out during the year by the establishments' ow
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
provision of transport. It also includes amounts provision of transport. It also includes amounts
received for the right to use patents, trademarks, copyrights etc, manufacturing, mining and quarrying rights and technical "know-how" and
revenue from such staft 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 subjected to any
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 of the year of return and of the change during the
year. including any stocks of goods held for year, including any
nerchanting or factor ing
work in progress is defined as materials which
have been partally processed by the establishment have been partially processed by the establishment
but which are not usually sold or transterred to but which are not usually sol or transerred
another establ ishment without further processing. The values include the cost of materials consumed and labur used, together with a margin
ond
prothead costs
progress payments overhead costs and profits. $\begin{aligned} & \text { Progress } \\ & \text { made to sayments } \\ & \text { sub-contractors are excluded and progress }\end{aligned}$ made to sub-contractors are excent
payments
received from other organ itions are not deducted.
Wages and salaries
These are amounts daring, the year to
operatives and to administrative, technical and operatives and to administrative, technical and
clerical emp oyees.
Payments to working propritors, whether called salaries or not, are
excluded. The values shown include all overtime excluend. bonuses, commissions and holiday pay,
paynents
whether paid regularly or not, and no deduction Whether pald regularly or not, and no deduction
is made for income tax, insurances, contributory is made for income tax, insurances, cone parnents
pensions etc. The value of redundancy payment
 sources is included. The value of any payments
sict
sis
 national insurance (and/or earnings related basic
contributions under the social security Pensions Act, 1975) and commercial insurance premiums to provide pensions, superannuation or or retirement benefits, sickness
accident benefits,
benefits, disability or idenal
peath for employees or former employees or the ir

 Operating ratios
Operating ratios
The
operatios shown were obtained by The operating ratios shown were obtained by
dividing the estimate of the industry total for
the quantity shown in the numator by the the quantity shown in the numerator by the corresponding estimate for the quantity shown all
the denominator. These estimates cover all
 including exempted establishments and nonrespondents. Within an industry, it is possible
to compare ratios for an individual firm with the to compare ratios for an individual firm with the
ratios shown for the relevant industry. However, ratios shown tar to bear in mind that various factors may ant fect the results - for example,
differences in definitions, treatment of depreciadifferences in definitions, treatment of deprecia-
ation (which is not identified in the census data) ation which is not identited to stock valuation, may affect comparability in some respects.
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[^0]:    Department of Industry
    Business Statistics Office

[^1]:    (a) 1973 figures relate to Great Britain only.
    (b) Including estimates for establishments not making satisfactory returns, non-response and establishments with fewer than 20 persons.

    Satisfactory returns accounted for 62 per cent of employment within the industry
    (c) Sales of products are valued at ex-quarry or ex-works prices, the cost of transport being shown separately
    (d) Included in sales of goods produced
    (e) Details of manufacturers' quarterly sales of principal products are published regularly in Business Monitor PQ103
    (f) Average number employed, including full and part-time employees (see table 7) and working proprietors.
    (g) For 1973-1975 rents of industrial and commercial buildings were not recorded separately, but included in hire of vehicles, plant and machinery.

[^2]:    (c) The sum of the figures for the size groups may exceed the total for the industry because some enterprises control establ ishments in more than one size group.
    (d) Including working proprietors
    (e) Administrative, technical and clerical employees

[^3]:    The percentages relate to the numbers employed (excluding working proprietors) in the United Kingdom at mid-June, 1976
    because 1977 information

