## Business Statistics Office

## PA429.1

## 1978

## Report on the <br> Census of Production

## Asbestos



Special Note for Purchasers
Commencing with the 1971 Census, the Census of
Production reports are being numbered in a uniform series embracing all industrial inquiries in the Business production) followed first by $A$ (indicating that it is an annual series) or O (occasional) or Q (quarterly) or $M$ (monthly): and then by a number indicating the minimum list heading, or sub-division of a minimum list heading, of the Standard Industrial Classification (revised 1968).

The Census of Production (PA) reports are available on standing order (details on application to Her
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## Report on the Census of Production 1978

## Asbestos

| PA |  |
| :--- | :--- |
| PA1001 | Introductory notes |
| PA101 | Coal mining noter |
| PA10 |  |

table 1
Output and consts, 1974-1978

|  | Unit | 1974 | 1975 | 1976 | 1977 | 1978 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Enterorises | Number | 56 | 58 | 56 | 55 | 57 |
| Establishments | " | 73 | 73 | 69 | 69 | 72 |
| Sales of goods produced | f thousand | 115,679 | 145,183 | 154,793 | 191,132 | 229,036 |
| Receipts for work done and industrial services rendered | " | (b) | (b) | 3,387 | 1.292 | 2,296 |
| Capital goods produced for establishments' own use | " | 190 | 226 | 485 | 466 | 482 |
| Non-industrial services rendered | " | 716 | 1,055 | 1.097 | 4,131 | 4.748 |
| Goods merchanted or factored | " | 25,316 | 25.598 | 35,477 | 41,013 | 41,663 |
| Total sales and work done (c) | " | 141,901 | 172,062 | 195,240 | 238,034 | 278,225 |
| Increase during the year, work in progress and qoods on hand for sale | " | 5,516 | 1,988 | 6,070 | 4,512 | 3,382 |
| Gross output | " | 147,417 | 174,051 | 201,310 | 242,545 | 281,607 |
| Purchases of materials for use in production, and packaging and fuel | " | 54,805 | 58.569 | 68,120 | 85,447 | 101,078 |
| Purchases of goods for merchanting or factoring | " | 17.896 | 17,985 | 23,176 | 27,396 | 27,656 |
| Increase during the year, stocks of materials, stores and fuel | " | 3,869 | 2,324 | 6.835 | -2,988 | $-3,103$ |
| Cost of industrial services received | " | 2,627 | 2,880 | 4,479 | 6.177 | 5,659 |
| Net output | " | 75,957 | 96,940 | 112,370 | 120,538 | 144,111 |
| Total emoloyment (d) | Thousands | 18.8 | 18.8 | 18.8 | 18.9 | 19.5 |
| Net outout per head | £ | 4,032 | 5,152 | 5,988 | 6,379 | 7,383 |
| Payments for non-industrial services |  |  |  |  |  |  |
| Hire of vehicles, plant and machinery | £ thousand | 624 | 771 | 424 | 748 | 1,050 |
| Rents of industrial and commercial buildings | " | (e) | (e) | 557 | 465 | 731 |
| Commercial insurance premiums | " | 459 | 602 | 765 | 1,056 | 1,443 |
| Bank charges | " | 51 | 60 | 97 | 128 | 138 |
| Other non-industrial services | " | 3,774 | 5.791 | 5,432 | 6,648 | 8,823 |
| Licensing of motor vehicles | " | 69 | 69 | 84 | 101 | 109 |
| Rates, excluding water rates | " | 1.138 | 1.627 | 1,556 | 1.879 | 2,043 |
| Gross value added at factor cost | " | 69,842 | 88,020 | 103,455 | 109,513 | 129,774 |
| Gross value added at factor cost per head | £ | 3,707 | 4,678 | 5,513 | 5,796 | 6,649 |

[^0]TABLE 2
1974-1978
Capitial expenditure, 1974-1978
Al lunited Kingdom establishments classified to the industry (a) (b)

|  | 1974 | 1975 | 1976 | 1977 | 1978 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Land and buildings |  |  |  |  |  |
| New building work | 610 | 444 | 695 | 568 | 991 |
| Land and existing buildings |  |  |  |  |  |
| Acquisitions | 5 | 98 | 2 | 60 | (c) |
| Disposals | 67 | 60 | 101 | 75 | - |
| Venicles |  |  |  |  |  |
| Acquisitions | 684 | 668 | 919 | 1,603 | 1,279 |
| Disposals | 193 | 190 | 234 | 334 | 320 |
| Plant and machinery |  |  |  |  |  |
| Acquisitions | 4,054 | 3.225 | 4,381 | 5.620 | 6,866 |
| Disposals | 64 | 36 | 93 | 699 | 41 |
| Total net capital expenditure | 5,029 | 4,150 | 5,569 | 6,743 | 8.775 |

(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 included.

Ic) Included in new building work
table 3
Stocks and work in progress, $1974-1978$
All United Kingdom establishments classified to the industry (a)


## 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-lishments | Enterprises (c) | Employment |  |  | Wages and salaries ( f ) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total <br> (d) | $\begin{aligned} & \text { Opera- } \\ & \text { tives } \end{aligned}$ | Others(e) | Oneratives |  | Others (e) |  |
|  |  |  |  |  |  | Total | $\begin{aligned} & \text { per } \\ & \text { head } \end{aligned}$ | Total | $\begin{aligned} & \text { per } \\ & \text { head } \end{aligned}$ |
|  | Number | Number | Number | Number | Number | £ thousand | £ | £ thousand | £ |
| 1-10 | 36 | 35 | 1961 |  |  |  |  |  |  |
| 11-19 | 12 | 11 | 167) | 440 | 174 | 1,693 | 3,848 | 762 | 4,379 |
| 20-99 | 6 | 6 | $303)$ |  |  |  |  |  |  |
| 100-299 | 3 | 3 | 739 | 522 | 217 | 1,857 | 3,557 | 880 | 4,055 |
| 300-499 | 4 | 3 | 1.585 | 951 | 634 | 4,087 | 4,298 | 2,995 | 4,724 |
| 500-1,499 | 7 | 5 | 7.615 | 5,132 | 2,483 | 19,149 | 3,731 | 10,068 | 4,055 |
| 1,500 and over | 4 | 3 | 8,913 | 5,843 | 3,070 | 21,876 | 3,744 | 12,257 | 3,993 |

$\begin{array}{llllllllll}\text { Total } & 72 & 57 & 19,518 & 12,888 & 6,578 & 48,662 & 3,776 & 26,962 & 4,099\end{array}$
(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) 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 emplovees.

| Total sales and work done (g) | Gross output | Net output |  | Gross value added at factor cost |  | Net capital expenditure (h) | Total stocks and work end of year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | per head | Total | per head |  |  |
| £ thousend | £ thousand | f thousand | £ | f thousand | £ | £ thousand | £ thousand |
| 11,925 | 12,033 | 5.447 | 8.179 | (j) | (j) | 341 | 2,131 |
| 9,912 | 9,977 | 5,066 | 6,855 | 9,671(j) | 6,883(j) | 412 | 2,349 |
| 26,860 | 27.753 | 15,915 | 10,041 | 14,412 | 9,093 | 1,253 | 5,569 |
| 109,553 | 110,834 | 51,937 | 6,820 | 44,731 | 5,874 | 3,708 | 25,463 |
| 119,974 | 121,010 | 65,746 | 7,376 | 60,960 | 6.839 | 3,061 | 27,369 |


| 278,225 | 281,607 | 144,111 | 7,383 | 129,774 | 6,649 | 8,775 | 62,880 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

(f) The cost of employers' contributions to national insurance, pensions and welfare schemes and the running costs of canteens, is The cost of employers' contributions to national in
estimated for the industry at $£ 14,750$ thousand.

Sales of goods produced, capital goods manufactured and buildings 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.

Gross value added data relate to establishments employing 1-299.

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)

| Area | Total employment (b) |  | Net capital expenditure (c) |  | $\begin{aligned} & \text { Net } \\ & \text { output (d) } \end{aligned}$ | Gross value added at factor cost (d) | Gross value added at factor cost returned 80 establishments with of their employment in the region as a proportion of total gross value added at factor cost in the region |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Thousands | $\overline{\text { per cent of }}$ United Kingdom | £ thousand | per cent of United Kingdom | £ thousand | £ thousand | percentage |
| Standard regions of England |  |  |  |  |  |  |  |
| North | 1.2 | 6.0 | 432 | 4.9 | 8,346 | 7,467 | 9.0 |
| Yorkshire and Humberside | * | * | * | * | * | * | * |
| East Midands | * | * | * | * | * | * | * |
| East Anglia | - | - | 10 | 0.1 | 281 | 256 | - |
| South East | 3.7 | 18.9 | 1,792 | 20.4 | 30,015 | 26,542 | 86.6 |
| South West | * | * | * | * | * | * | * |
| West Midlands | 0.1 | 0.6 | 22 | 0.2 | 881 | 800 | - |
| North West | 6.8 | 34.6 | 2,558 | 29.2 | 43,273 | 38,348 | 97.2 |
| England | 18.4 | 94.2 | 8,181 | 93.2 | 135,735 | 121,874 |  |
| Wales | * | * | * | * | * | * | * |
| Scotland | * | * | * | * | * | * | * |
| Great Britain | 19.5 | 99.9 | 8,769 | 99.9 | 143,932 | 129,608 |  |
| Northern Ireland | - | - | 6 | 0.1 | 178 | 166 | - |
| United Kingdom | 19.5 | 100.0 | 8,775 | 100.0 | 144.111 | 129,774 |  |

(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 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
net output for addresses located in that region. Gross value added at tactor cost is treated similarly.

Accounting year ended

| Percentage of total returns received | Percentage of total number employed |
| :--- | :--- |
| per cent | per cent |

1978 April (a)
April
May
June $\quad 4$
July
August -
September
0.2

## (8) From 6th April.

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) Other textile industries, minimum list heading 429
Sex
Male
Female
male per ce
75

19 $\qquad$ Part-time | All employees |
| :--- |
| per cent |
| 76 |
| 24 |

Source: Department of Employment
The percentages relate to the numbers employed (excluding working proprietors) in the United Kingdom in minimum list heading
429 at mid June, 1977. In the 1977 Census of Production the employment of thi Ashestos ind 429 at mid.June, 1977. In the 1977 Census of Production the employment of the Asbestos industry represented 75 per cent of the

|  |  |  |
| :---: | :--- | :--- |
| Unit | 1977 | 1978 |
| $£$ | 12,836 | 14,428 |

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 employees

14,428
6,379

Wages and salaries per administrative, technical and clerical
emolovee

- Wese notes give the main information needed for interpreting These notes give the industry Business Monitors: more dotailed
the figures in tor about the census is given in a separate Business the tigutes about the census is given in a separate Business
information and Monitor PA 1001 (Introductory Notes) of the Report on the Census of Production, 1978.

CENERAL INFORMATION
Changes made for 1978
Changes maus for 1978 is in line with similar inquiries being nducted in other member countries of the European Economic
Communities. -he census differed from earlier censuses in three respects. Ssmpling was introduced for establishments employing 20 to 49 and a sample of smaller units was selected. A new question on
and leasing of capital assets was included for 1978 only. This will the leasing of capital assets was included for 1978 only. This will
provide register information for use in related inquiries into leasing.
Suporession of information relating to individual undertakings Superion $9(5)$ (b) of the Statistics of Trade Act 1947 states.
S.The following provisions shall have effect with respect to any Thert, summary or other communication to the public of hiformation obtained under the foregoing provisions of this Act -
in compiling any such report, summary or communication the in compiling any such report, summary or communication the
competent authority shall so arrange it as to prevent any competent authority shall so arrange it as to prevent any
particulars published therein from being identified as being
particulars relating to any ind ividual person particulars relating to any individual person or undertaking
except with the previous consent in writing of that person or the except with the previous consent in writing of that person or the
person carrying on that undertaking, ta the case may be; but person carrying on that undertaking, as the case may be; but
this provision shall not prevent the disclosure of the total quantity or value of any articles produced, sold or delivered; so,
however, that before disclosing any such total the competent however, that before disclosing any such total the competent
authority shall have rearard 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". carried on by him to be deduced from the total disclosed"."
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where contributors were not approached the figure has been Were contributors were not approached the figure has been
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The following symbols are used throughout the PA series of
not available

- nil or less than half the final digit shown
ingres cannot be shown owing to
information about ind ividual enterprises.
revised
unding of figures
wees in the tables have, where necessary, been rounded to the t the constituent items may not always agree exactly with the
otal shown.
sustrial classification
Strial classification
United Kingdom
United Kingdom Standard Industrial Classification (SIC) was 8. It exists to promote uniformity and comparability in the icial statistics of the United Kingdom. The general princioles lowed are those of the International Standaral Indinciptrias Cassitication of all Economic Activities of the United Nations
Staistical Office but the United Kingdom SIC reflects the gragisation and structure of inded Kingtry and trade SIC reflects the
United Kingdom. United Kingdom. The SIC is a classification by activity and is
fota commodity classification sodings for which sales data are provided inder the Quarterly commodity nitors, is published in Business Monitor PQ 1000 .

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example, employtent, expenses, turnover, capital formation. Usually
the princioal activities carried on in an establishment fall the principal activities carried on in an establishment fall within a
single heading of the classification leg steel making or sugar single heading of the classificiation (eg steel making or sugar
refining). Typically the establishment embraces all the activities
carried on carried on at a single add ress eg a mine or a factory, including those
which are ancillary to the principal activities. Frequently distinct which are ancillary to the principal activities. Frequently distinct
activities characteristic of different industries are carried activities characteristic of different industries are carried on at one
addresss, but normally these are not classified separately and the address, but normally these are not classified separately and the
whole establishment is classified according to the main activity. If,
however, the required however, the required range of data can be provided for each
activity, each is taken to constitute a separate establishment. activity, each is taken to constitute a separate establishment.
Sometimes activities which are conducted as a single business are Sometimes activities which are conducted as a single 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, be integrated to such an extent that they constitute a single establishment. In the latter case the establishment is defined a single establishment. In the latter case the establishment is defined
to cover the combined activities at these addresses (termed local units). Separate figures are obtained of employment and net capital expenditure at each unit in order to compile regional tables. Efforts
are made by the Business Statistics Office (BSO) to ensure, by negotiating with respondents, that the return from an establishment does not cover local units in more than one of the countries of the
elating to relating to any department not engaged in production eg merchanting,
transport, warehousing, for which they accounts. Transsers of goods produced to such departments are accounts. Transfers of goods produced to such departments are
treated as sales and respondents are asked to value them as far as possible as if sold to an independent purchaser. Where separate accounts are not kept they are asked to include details of all these activities in their return.
Particulars relating to head offices mainly engaged in the admin-
istration of the production were included production units within the scope of the census wire respect of the head office was apportioned among them. For certain purposes in the annuual censsuses of production
(especially the enterprise analyses of Business Monitor PA 1002) related establishments are combined. An enterprise group is defined as a business consisting of either a single establishment or two or more establishments under common ownership or control. Bringing logether establishments into enterprise groups is also necessary tor
the purpose of ensuring that there will be no disclosure of the activities of any one enterprise group. Information about the relationship of establishments, the changing structure of groups of
companies and about common ownership links is obtained from companies and about common ownership links is obtained from
many sources, including the Stock Exchange Year Book, company many sources, including the Stock Exchange Year Book, company
reports, press reports and information supplied by individual
establishments. reports, press
establishments.

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 locall units which it comprises.
The inquiries provide a maior source of information for keeping 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 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 the Department of Employment and HM Customs and Excise. The 1973 Finance Act allows the latter to pass lists of businesses registered for VAT to the BSO. Where necessary details are sought directly from new
businesses. Units which cease to trade are removed from the live register.
Coverage
recent censuses returns have been required from all establishments manufacturin or more. For the 1978 Census in 68 selected employment size band has been reduced to a 1 in in the 20 to 49 mployment size band has been reduced to a 1 in 2 sample. This
change has relieved some 5,800 firms of the need to complete census return. The Census has included for the first time a small sample (around 10 per cent) of units employing 11 to 19 to meet an EEC requirement to collect a limited range of data from smaller
units every 5 years.

Regions
The regio The regions defined in Table 5 take account of the boundary
changes arising out of the Local Government 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

TERMS USED IN THE CENSUS REPORT
Average number employed
Establishments were required to state the average number of persons on the payroll during the year of return. Separate figures were (a) administrative, technical and clerical emplovees
(b) all other employees (operatives)

Averages could be calculated from the figures relating to the last week of each calendar month. Establishments were also required o state the number of working proprietors where appropriat and these are included in total employment figures. Full-time and part-time employees are incluced but outworkers lie persons
employed by establishments who worked in their own homes etc on materials supplied by the estab lishment) are excluded. The figures
include persons engaged on merchanting or factoring and canteen include persons engaged on merchanting or factoring and canteen
workers where particulars in respect of these activities could not be workers where particulars
excluded from the return.
Working proprietors
hese include all persons regarded as "self-employed" for national the business without members of their families who worked in who worked less than half the normal number of working hours are excluded. Directors working in the business but not in receip
of a definite wage, salary or commission are included under this heading: directors paid by fee only are not included.

Emplovees
Administrative, technical and clerical emplovees include directors in receipt of a definite wage, salary or commission, managers and works foremen; research and design emplovees (lother than
operatives) ; draughtsmen, editorial staff, advertising staft, travellers nd all office employees.
peaking, all manual wage信 stores, shops and canteens, inspectors, maintenance workers and cleaners. Operatives engaged in outside work of erecting, fitting

## Capital expenditure

Capital expenditure during the year in respect of manufacturing
units where production had not started before the end of the year is included. Establishments were asked not to deduct from the
is value of capital expenditure amounts received or expected to be received in grants or allowances from the Government or any
statutory body or local authority. Establishments with 100 or more emplovees were asked to include a total net capita expenditure figure for each calendar year and to state whether any of the investment shown in cost of new building work, vehicles
or plant and machinery included goods for letting out on hire or or plant
leasing.
a) New building work
(a) New building work
This represents the cost incurred during the vear of new building
and other constructional work to be esed in connection with the and other constructional work to be used in connection with the
business covered by the return. The value is that charged to business covered by the return. The value is that charged to
capital account during the year of returni it includes expenditure
on new buildings and on the extension or reconstruction of old on new buildings and on the extension or reconstruction of old
buildings, the value of works of a capital nature carried out by the buildings, the value of works of a capital nature carried out by the
establishment's own staff and the cost of any newly constructed establishment's own staff and the cost of any newly constructed
buildings purchased. Figures shown include legal charges, stamo duties, agents' commissions, et
(b) Land and existing buildings

The items shown are the capital cost of freeholds purchased and he capital cost or premium payable for leaseholds accuired
(excluding the value of assets acauired in taking over an existin business), and the amounts receivable for freeholds or leaseholds disposed of. The value is that charged to capital account during
the vear of return.
c) Plant, machinery and vehicles

The items shown are the value of plant and machinery and of
vehicles acquired, both new and second-hand, and the amount eceived for items disposed of during the year. The value of of lant and machinery acauired includes plant, etc which firms produced
for their own use in connection with the business covered by return. The value of plant, etc acquired is the expenditure charged to 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 Deductible value added tax is excluded but non-deductible value
added tax on motor cars actuired is included. No deduction is made for depreciation, amortization or obsolescence. The proceeds of items disposed of during the year exclude amounts written-off

Cost of industrial services
his includes amounts payable to other firms for work done on materials supplied by the establishment, payments for repairs and maintenance lincluding those in respect of rented buildingss)
and amounts paid to other firms for contracts which have been and amounts paid to other firms for contractit
sublet. Payments to outworkers are excluded.
Cost of non-industrial services
This includes rents of industrial and commercial buildings, hire
of plant, machinery and vehicles (excluding vehicles hired with rivers), commercial insurance premiums, bank charges and amounts paid for professional services, post office services, transport (within the United Kingdom), advertising etc. Amounts payable on royalties
for the right to use patents, trademarks, copyrights etc, man facturing and quarrying rights and technical "know-how" are Iso included

Gross output the calculation of gross output the value of total sales and work one is increased by the rise (or reduced by the fall) during the year in
sale.

Net output
Net output, a customary census measure, is calculated by deducting increased by the fall, during the vear of stocks of materiass ot increased by the fall, during the vear of stocks of materials etc
and the cost of industrial services received, and where applicable
duties etc. uties 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 art-time) on all activities covered by the returns, including
peratives, administrative, technical and clerical employees and working proprietors, but excluding outworkers.

## ross value added at factor cost

ross value added at factor cost is calculated by deducting from net output the cost of non-industrial services ey rent of buildings,
hire of plant, machinery and vehicles (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, lexcluding
water rates) and the cost of licensing motor vehicles. This estimate water rates) and the cost of licensing motor vehicles. This estimate
of gross value added approaches more closely than census net of gross value added approaches more closely than census net
output to the definition of net output or value added in national accounts statistics.
Gross value added at factor cost per head
Gross value added at factor cost per head
The figures of gross value added at factor cost 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, technical and by the returns, including operatives, administrative, technical and
clerical employees and working proprietors, but excluding outworkers.
Purchases
Purchases
Purchases include the cost of raw materials, components, semi-
manufactured and consumable tools not charghop materials; of replacement parts materials of all types; of stationery and printed matter; of fuel. electricity and water; of materials to be used by the establishment
orgiven out to other establishments for the production of machinery or other capital items for the establishment's own use; of materials
customers; and of food, etc for any canteen covered by the
establishment's return. Transfers of goods to the establishment establidener department of the same firm not covered by the
from another establishment's return are incluaed at a cost corresponding to the
estimated selling value recorded by the other department. Amounts estimated seling value recor cred credited to the firm's own transport
payable to department for delivery of materials are excluded, as are all
purchases of machinery and plant charged to capital account. purchases of gooods for merchanting or factoring have been
Purchases of goparately
collected separately since 1973. The values shown exclude VAT. colected silude, in addition to the actual purchase erice, the value
They incer of packaging material charged to the establishment. The value o
retred goods or packaging material returned to suppliers and any returned gooos or packaging material returned to suppliers and any
trade discounts are excluded. Materials purchased duty-paid are
at ridclued at their duty-paid value, less any drawback, rebate, etc.
The cost of transport is included only if it is included with the The cost of transport is iscluded only if it is included with the
purchase price in the firm's accounts. Imported goods are included
 at treit
from docks or airport is not included in the cost of goods trarchased
the cost is entered at cif plus duty (if apolicable). Leasing the cost is entered at cif plus duty lif a
renting and hire purchase charges are excluded.
Sales of goods produced
Sales for the purposes of the annual censuses means deliveries on sle of goods made by establishments in the United Kingdom
covered by the inauiry. Sales of goods made for these establishments by outworkers or by other establishments from materials given out
to them and sales of waste products are included. New building to them and sales of waste products are included. New building
work and machinery or other 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 establishmentss
capoita asset accounts. Forward sales and canteen takings are excluded capital asset accounts Forward sales and canteen takings are excluded.
All sales in the period of the inquiry are included irrespective of All sales 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 accols engaged in production for which there are separate accounts, or to
another establishment of the same firm not covered by the return, another establishment of the same firm not covered by the return,
are treated as sales by the producing establishment and valued as tar as possible as if they had been sold to a in independent purchaser. Goods transferred to wholesale or retail selling organisations, fo
wioh separate accounts are kept are valued on the same basis. The value shown for sales is the "net sell ing value" defined as the The value shown or sales is the net selling value defined as the
amount (excluding VAT) charged to customers whether on an
ex-works or delivered basis, after any trade discounts and agents ex-works or delivered basis, after any trade discounts and agents'
commissions have been deducted. The cost of packing materials commissions have been deducted. The cost of packing materials
less allowance for returnable cases is included. In industries where products attract Excise Duty the value stated is usually inclusive
of duty if sold duty-paid and exclusive of duty if sold in bond ore exported.

Receipts for work done and industrial services rendered
Fiuures to
Figures for work done represent the amount charged for work
iarried out on materials supplied by a customer and include repair arried out on materials supplied by a customer and include repair artivities, for example, within the food sector - butter packed of
commission, within the textile in commission; within the textile industries - making up of garments,
fur dressing and textile finishing; within printing and pubblishing reparatory work on type-setting, block making and bublishing done is also significant in the electrical machinery and heavy ngineering industries, covering erection, installation and repair and
bbbing work. Other activities within this head obbing work. Other activities within this head ing include exploration
work, research and development, glass cutting and dressing and Vork, research and development, glass cutting and dressing and
laning of timber.
dustrial services
laustrial services rendered include repairs and maintenance, insta-
ation work, and technical research and studies for other

Coital goods produced for establishments' own use
his includes all work of a capital nature carried out during the
by the establishments' own staff for their own use.
on-industrial services rendered
This includes rents received for commercial and industrial buildings, amounts charged for hiring out plant, machinery and venicles and provision of transport. It also includes amounts received for the right to use patents, trademarks, copyrights etc, manufacturing such stafry facilities and technical "know-how" and revenue from

Goods merchanted or factored
Merchanted goods are those (excluding canteen sales) sold without
having been subjected to any manufacturing process by the seller.
Stocks and work in progress
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 matues are given of stocks of goods on hand for sale and of
materias, 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 the change during the year, including any stocks of goods held for
merchanting or factoring. Work in progress is defined as materials merchanting or factoring. Work in progress is defined as material
which have been partially processed by the establishment but which are not usually sold or transferred to another establishment withou further processing. The values include the cost of materials consumed and labour used. Progress payments made to sub
contractors are excluded and progress payments received from other contractors are excluded and pro
organisations are not deducted.

Wages and salaries
These are amounts paid during the year to operatives and to administrative, technical and clerical employees. Payments to The values shown , 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, contributory pensions etc. The value of redundancy payments less any amounts reimbursed from
Government sources is included. The value of any payments in kind Government sources is included. The value of any payments in kind
travel ling expenses etc is included.

Remuneration paid to outworkers
The remuneration paid to outworkers (ie persons employed by
the establishment the establishment who do their work in their own homes is
generally on a piece-work basis. Only amounts paid to outworkers whose names appear on the establishment's payroll are included.
Amounts paid to outworkers by sub-contractors are excluded.

Employers' insurance and welfare contribution
This item includes employers' contributions to national insurance
under the Social Security Pensions Act, 1975 as well as commercial under the Social Security Pensions Act, 1975 as well as commercia
insurance premiums to provide pensions, superannuation or other retirement benefits, sickness benefits,personal accident benefits, disability or death benefits for employees or former employees of
their dependants. Contributions to the running costs of their dependants. Contributions to the running costs of canteens
social centres, children's and hol iday homes, etc for employees, former employees and their dependants are also included.

Operating ratios
The operating ratios shown were obtained by dividing the estimate of the industry total or the quantity shown in the numerator by the
corresponding est imate for the quantity shown in the denomiator These estimates cover all establishments classified to each ind ustry including not selected establishments and non-respondents. Within an
industry, it is possible to compare ratios for an ind ividual firm with industry, it is possible to compare ratios for an individual firm with
the ratios shown for the relevant industry. However it is importan to bear in mind that various factors may affect the results - fo example, differences in definitions, treatment of depreciation (which is not identified in the census data) and varying practice with regar to stock valuation, may affect comparability in some respects.
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[^0]:    (a) Includ ing estimates for establishments not mak ing satisfactory returns, non-response and establishments not selected for the Census.
    Satisfactory returns accounted for 97 per cent of employment within the industry.
    (b) Included in sales of goods produced.
    (c) Details of manufacturers' quarterly sales of principal products are published regularly in Business Monitor PQ 429.1
    (d) Average number employed, including full and part-time employees (see table 7 ) and working prooprietors.
    (e) For 1974 and 1975 rents of industrial and commercial buildings were not recorded separately, but included in hire of vehicles, plant and
    machinery.

