# Report on the Census of Production 1993 

PA35.I Building and repairing of ships and boats

## BUSINESS MONITOR

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Parliament in pursuance of the Statistics of Trade Act 1947
( 10 \& 11 Geo .6 Cha .39 sec 7 )

## business monitors making up the complete census report

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|  | construction purposes; manufacture of refractory ceramic | PA36.2 | Manufacture of jewellery and related arricles |
|  | products | PA36.3 | Manufacture of musical instruments |
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| PA26.4 | Manufacture of bricks, iles and construction products, | PA3 | Manufacture of games and toys |
|  | baked clay | PA36.6 | Miscellaneous manufacturing not elsewhere classified |
| PA26.5 | Manufacture of cement, lime and plaster | PA40.1 | Production and distribution of electricity |
| PA26.6 | Manufacture of articles of concrete, plaster and cement | PA40.2 | Manufacture of gas; distribution of gaseous fuels through |
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PA26.6 Manufacture of articles of concrete, plaster and cement PA26.7 Cuting, shaping and finishing of stone

ECSC ferro-alloys

PA 35.1
The information in this report relates to businesses classified to Buiding and repairing of ships and boats industry, Group 35.1 the Standard Industrial The information in this report relates to businesses classified to the Building and rep
Classification Revised 1992. The Industry Group covers the following Classes:-
35.11 Building and repairing of ships

This class includes:
building of commercial vessels: passenger vessels, ferry-boats, cargo ships, tankers, etc.
building of warships
building of fishing boats
construction of hovercrent
construction of drilling platforms, floating or submersible
construction of floating structures:

- floating docks, pontoons, coffer-dams, floating landing stages, buoys, floating tanks, barges, lighters, etc.
maintenance, repair or alteration of ships
shipbreaking
35.12 Building and repairing of pleasure and sporting boats

This class includes:
building of inflatables builboars with or without auxiliary motor
building of motor boats
building of orher pleasure and sporting boats:

For a full description of the 1992 classification see Standard Industrial Classification of economic activities 1992, obtainable from HMSO, price $£ 19.95$.

In interprenge the data in the tables it is essential to bear

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EXPLANATORY NOTES AND DEFINITIONS INTRODUCTION

1. These notes give basic information to help with the inter pretation of tables in this Industry Report. More general informa tion about the Census is given in a separate Business Monitor
Reporton the Census of Production, Introductory Notes (PA1001) 2. Since 1980 , Censuses have been conducted on the Standard
Industrial Classification Revised 1980 SIC( 80 ). The Standard Industrial Classification Revised 1980 SIC(80). The Standard
Industrial Classification exists to promote uniformity and compa Industrial Classiícation exists to promote uniformity and compa
rability in the official statistics of the United Kingdom. Th SIC(80) is the result of an attempt to align the United Kingdon classification with the General Industrial Classification of Eco nomic Activities within the European Communities (NACE). It is based on activity rather than commodities produced. A full (30) is given in S andard Industrial Classificatio Revised 1980 , obtainable from HMSO, price $£ 4.25$.
2. In 1990, however, the first revision of NACE was made by EC regulation. This regulation makes it necessary for the UK to introduce a new Standard Industrial Classification, SIC(92), based on NACE Rev 1. The regulation guarantees comparability be tween national and Community classifications and therefore between national and Community statistics. Full details of SIC(92) from HMSO, price $£ 17.50$, reference ISBN 0116205512.

The 1993 census is the first conducted on SIC (92) and busines monitors published in respect of 1993 will contain data for that yea only and are being issued, whenever possible, for each 3 digit Group of SIC (92). However, a limited range of 1991 and 1992 data reworked to SIC(92) Section and Sub-Section level has been pub

## REPORTING UNIT

4. From the earliest censuses of production until that for 1986 the reporting unit to the census was the establishment. This was defined as the smallest unit which could provide the full range o data required for an economic census. Establishments were asked where possible to exclude from their returns to the census any no production activity
5. In 1987, for a number of administrative and statistical reasons, a new system of company-based reporting was introduced Under the new system the reporting unit to the census is, generally the company, but there are some exceptions. These arise, for example, for large mixed activity companies which are asked to make separate returns to the census for each of their production mixture of reporting units are referred to as "businesses". These businesses are no longer asked to exclude non-production activities.

In practice, since most businesses, both before and after th change, reported for the company as a whole, little difference to the main economic series has resulted from the change.
7. For most businesses, the returned data are appropriate to a
single activity heading of SIC(80) and fall within a single geograp cal region. Where information covers a mixture of activities, the cal region. Where information covers a mixture of activitus, the
business is classified according to the main activity. Where the business is classified according to the main activity. Where the
business operates at a number of different addresses then, in order to enable regional data to be compiled, separate information employment and capital expenditure is sought for each address.

## THE REGISTER

8. A register of businesses throughout the United Kingdom is held on the CSO computer and provides the basis for CSO inquiries. For each business the register contains identification particulars and information about its eligibility for inclusion in an inquiry, its relationship with other businesses in common owner ship, its industrial classification, the nationality of its parent and location indicators for regional analyses. Regional and size analyses of manufacturing units are published in Business Monitor PA1003 - Size analyses of United Kingdom businesses.
9. The Annual Census and other CSO inquiries provide a major source of information for checking the register and updating employment data. Where businesses do not make returns to these inquiries, estimates of employment are imputed from VAT turn over. For businesses which have an imputed employment of 11 or more, the estimates are checked by means of register proving
forms. For businesses on the register forms. For businesses on the register making returns to the
Quarterly or Annual Sales Inquiries, industrial classification is reviewed annually and is derived from an analysis of their commod reviewed annually and is derived from an analysis of their commod-
ity sales. For other businesses the classification is obtained either from VAT sources or from the register proving forms. Estimates of employment made by the CSO and the Department of Employment differ because they are derived from two separate inquiries and use different procedures and employment definitions.

## COVERAGE

10. The Census covers United Kingdom businesses engaged in industrial production, ie mining and quarrying, manufacturing construction, and gas, electricity and water supply industries (Di visions 1 to 5 of SIC(80)). Businesses in the Channel Islands and the Isle of Man are excluded.
11. Under the sampling arrangements agreed for the 1993 Census, forms were despatched to all businesses with 100 or more employed and, for most production industries, samples of 1 in 5 and 1 in 2 respectively being taken for businesses in the 20 to 49 and 50 to 99 employment size bands. In addition, sampling was extended to the 10-19 size band and to the $1-9$ size band in selected industries. It was necessary to increase the sample in those industries where there were few businesses in the sample size band or where response in earlier years was poor. About 15,700 forms were desparched in the United Kingdom for the 1993 Census.

## PERIOD COVERED

12. Businesses were asked to make returns for the calendar year 1993 but, where this was not possible, returns for business years ending between 6 April 1993 and 5 April 1994 were accepted. Returns covering fewer than twelve months were accepted for
businesses which had started or ceased trading during the year

## ESTIMATION

All published Census results include estimates for no responders, unsatisfactory returns and businesses not selected fo the Census. Estimates are also made for items not covered in the shorter form sent to smaller businesses.

For the 1993 census a change in estimation procedures was 14. $i$ troduced. This meant that within employment size groups in itroduced. This meant that within employment size groups in acriable by dividing the total returned value for each variable by the tal selected employment of each responding business. This valu multiplied by the employment thought to exist in each no sponding or non-selected business to yield an estimated value for hat business. Estimates for items not collected on the shorter form e made in a similar way using selected employment.
5. The accuracy of the totals produced by adding together The accuracy of the totals produced by adding together esponse. The extent to which businesses making satisfactory returns account for the total employment of any industry is show a percentage in footnote (a) to table 1 . Thus the accuracy of the data published in an Industry Report where 95 per cent of the aployment in the industry is covered by the rot prade neral, be better than that in an Industry Report where th overage is only 70 per cent.
6. Additionally, the extent to which individual headings in an Addio and estimate of total earnings which bears a close relationship to total employment is likely to be more accurate than an estimate of apital expenditure where the relationship to employment is not so clearly marked.

## UPPRESSION OF INFORMATION RELATING TO NDIVIDUAL UNDERTAKING

Sub-section 9(5)(b) of the Statistics of Trade Act 1947 states hat:

The following provisions shall have effect with respect to any report, summary or other communication to the public of information obtained under the foregoing provisions of this Act -
in compiling any such report, summary or communication he competent authority shall so arrange it as to prevent any particulars published therein from being identified as being particulars relating to any individual person or undertaking except with the previous consent in writing of that person or the 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 authority shall have regard to any representations made to them by any
person who allegesthat the disclosure thereof would enable particulars relating to him or to an undertaking carried on by him to be deducted from the total disclosed.
18. Figures which would be likely to disclose particulars relating to an individual undertaking are not published unless contributor has given written consent for their publication.

## CHANGES MADE FOR 1993

19. The 1993 census like that for 1992 was a slimline one Changes in Standard Industrial Classification, sampling and estim. tion procedures have been detailed in previous paragraphs. The engzeed in Research and Development work and the break down on capital and current costs associated with pollution preventio and solid waste management, wereretained. As for the 1992 Census the breakdown of questions on capital expenditure and stocks wer excluded. Data for the stocks variables in the 1993 results have bee estimated from information collected in the CSO Quarterly Stock Inquiries. No individual asset types have been published for the capital expenditure variables.

## SYMBOLS USED

20. The following symbols are used throughout the PA series of Business Monitors:
```
not available
nil or less than half the final digit shown
information suppressed to avoid disclosure
    R revised
```


## ROUNDING OF FIGURES

21. Figures in the tables have been rounded to the nearest final digit where necessary and, in these instances, the sum of the constituent items may not always agree exactly with the total hown

## EXPLANATION OF TERMS USED IN THE CENSUS

 REPORT22. The notes and definitions given in this section are based on he instructions given to respondents as to the way in which returns were to be completed.

## CAPITAL EXPENDITURE

This represents the value charged to capital account to gether with any other amounts which ranked as capital items for taxation purposes during the year to which each return related The value is inclusive of any amounts received or expected to be received in grants and/or allowances row gover
the year in respect of production units where production had no started before the end of the year and the value of CAPITA GOODS RODUCED OR USE WIIHIN THE BUSINESS its own staff are included. The value of any assets acquired in taking over an existing business is excluded. The figures include non-
deductible VAT but exclude deductible VAT. No allowance is made for depreciation, amortisation or obsolescence.
on LAND AND EXISTING BUILDINGS
24. This represents the value of freeholds and the value or premium payable or receivable for leaseholds acquired or disposed of. The figures for acquisitions include architects' and surveyors fees, legal fees, stamp duties, agents' commissions and Lan Registry fees. The figures for disposals are net of any such professional fees payable.

> b. on NEW BUILDING WORK
25. This represents the value of new building and other con structional work such as the extension and reconstruction of ol buildings, and the value of any newly constructed buildings ac quired. The figures include architects' and surveyors' fees, legal fees, stamp duties, agents' commissions and Land Registry fees.
c. on PLANT AND MACHINERY, VEHICLES
26. This represents the value of new and second-hand plant and machinery and vehicles acquired or disposed of. The figures for acquisitions are net of any discounts received but include the cost figures for disposals exclude amounts written off for capital assets which are scrapped.

## CAPITAL GOODS PRODUCED FOR USE WITHIN THE

 BUSINESS27. This represents the value of all work of a capital nature carried out during the year by the staff of, and for use in, the businesses covered by the returns.

COST OF INDUSTRIAL SERVICES RECEIVED
$\qquad$ This includes amounts payable to other organisations for work done on materials supplied by the business completing the return, for repairs and maintenance including those in respect of rented buildings, and for contracts which have been sublet. Direct are excluded.

## COST OF NON-INDUSTRIAL SERVICES RECEIVED

29. This includes commercial insurance premiums, bank charges and amounts payable to other organisations for the hire of vehicles, plant and machinery, for the rent of industrial and commercia buildings, for the services of accountants, auditors, agents, solici
tors and surveyors other than in connection with the acquisition or disposal of capital assets, for postal and telecommunications servKin, for carme patents trade marks copyrights ece for patents, trade marks, copyrights etc.., for manufacturing and quar. amounts payable for sea and air freight on goods exported and materials and fuel imported are excluded.

EMPLOYERS' NATIONAL INSURANCE CONTRIBU. TIONS ETC
30. This includes employers' national insurance contributions under the Social Security Pensions Act 1975, commercial insurance premiums for policies providing pensions, superannuation or other retirement employees, or their dependants. Also included are contributionst employees, or their dependants. Also included are contibutinsto cost of supplying luncheon vouchers.

## EMPLOYMENT

31. This isthe average number of ADMINISTRATIVE, TECHNICAL AND CLERICAL EMPLOYEES AND OPERATIVES on the payroll and the number of WORKING PROPRIETORS employed during the year of return. Full-time and part-time employees are included but outworkers (ie people who worked in their own homes on materials supplied by the business) and casua employees such as jobbers are excluded. The average number of lated by, for example, the average of the number of employees on the payroll for the last week of each calendar month.
a. ADMINISTRATIVE, TECHNICAL AND CLERICAL EMPLOYEES
32. This includes directors who received a definite wage, salary or commission, managers, foremen, draughtsmen, editorial and advertising staff, travellers, all office employees and research and design employees except operatives.

## b. OPERATIVES

33. This includes all manual wage earners including operatives in power stations, operatives engaged in outside work of erecting, engaged in transport, (including roundsmen) and employed in warehouses, stores, shops and canteens are included.

WORKING PROPRIETORS
34. These are people who are regarded as self-employed for national insurance purposes, members of their families who worked in the business without receiving a definite wage or salary for at
least half the normal working hours and directors who worked in teast half the normal working hours and directors who worked in Part-time Directors paid by fee only and directors who received a definite wage, salary or commission are excluded.

## ENTERPRIS

35. This is defin

## ROSS OUTPUT

This is calculated by adjusting the value of TOTAL SALE TD WORK DONE by the changes during the year of WORKGROGRESS and GOODS ON HAND FOR SALE.

## GOSS VALUE ADDED AT FACTOR COS

3. This is calculated by deducting from NET OUTPUT the OST OF NON-INDUSTRIAL SERVICES RECEIVED ATES and the cost of LICENSING OF MOTOR VEHICLES This estimate of gross value added approaches more closely than NET OUTPUT the definition of net output or value added in ational accounts statistics.
gross value added at factor cost per head
4. This is calculated by dividing GROSS VALUE ADDED T FACTOR COST by total EMPLOYMENT.

NET CAPITAL EXPENDITURE
9. Comprises of the values of NEW BUILDING WORK cquisitions less disposals of LAND AND EXISTING BUILDNGS, VEHICLES and PLANT AND MACHINERY. These dividual asset types are not collected separately

## NET OUTPUT

40. This is calculated by deducting from GROSS OUTPUT the cost of PURCHASES OF MATERIALS FOR USE IN PRODUCTION AND PACKAGING AND FUEL and PURCHASES OF GOODS FOR MERCHANTING OR FACTORING, the COST OF INDUSTRIAL SERVICES RECEIVED and is adusted for net duties and levies etc where applicable. Purchases are djusted for changes during the year of STOCKS OF MATERIALS, STORES AND FUEL.

## NET OUTPUT PER HEAD

41. This is calculated by dividing NET OUTPUT by total EMPLOYMENT.

## NON-INDUSTRIAL SERVICES RENDERED

42. This includes amounts charged for the hire of vehicles plant and machinery, for the rent of industrial and commercia buildings, for the right to use patents, trade marks, copyrights etc, for manufacturing and quarrying rights, for technical know-how and for the provision of transport to other organisations. It als includes revenue from staff facilities such as canteens.

## OPERATING RATIO

43. These ratios are calculated using industry totals, ie including the estimates for businesses not responding to or not selected fo the Census. Respondents are able to compare the ratios for their own businesses with those for the industry as a whole.

PURCHASES OF MATERIALS FOR USE IN PRODUCTION, AND PACKAGING AND FUEL. PURCHASES OF GOODS FOR MERCHANTING OR FACTORING
44. These include the cost of raw materials, components, semimanufactured goods and workshop materials, replacement parts and consumable tools not charged to capital account, packaging materials of all types, stationery and printed matter, fuel, electricity to others, for the production of machinery or other capital items used in the business, and materials used when working on goods supplied by customers. The figures exclude VAT, purchases of machinery and plant, which are included in CAPITAI EXPENDITURE, and amounts payable to transport firms or credited to the business's own transport departments for delivery of materials. The figures are net of the value of goods or packaging materials returned to suppliers and trade discounts receivable. Materials purchased duty-paid are included at their duty-paid value less drawbacks, rebates etc. Imported goods are included at their full delivered cost. If the transport from docks or airport of imported goods is not included in the cost of goods purchased, the cost is entered at c.i.f. plus duty, if applicable. Transfers of goods from other departments of the business not covered by the return are included at the estimated selling value recorded by the other included at

## REMUNERATION PAID TO OUTWORKERS

45. This represents amounts paid to outworkers, ie people who work in their own homes generally on a piece-work basis, whose names appear on the payroll. Amounts paid to outworkers by sub contractors are included in the COST OF INDUSTRIAL SERV ICES RECEIVED. Estimates are not made for remuneration of outworkers for businesses not completing Census returns.

## ALES OF GOODS PRODUCED

46. This represents sales of goods during the year, whether or not they were produced in the year of the return. It also includes not they were produced in the year of the return. It also ircludes
outworkers and sales of waste products and residues. The value of outworkers and sales of waste products and residues. The value of
sales is the 'net selling value', ie the amount charged to customers sales is the 'net selling value', ie the amount charged to customers
whether valued 'ex-works' or 'delivered' less VAT, trade discounts, whents' commissions etc and allowances on returned goods. Where agents commissionsecc and allowances on returned goods. Where products attract Excise duty, the value includes duty if the goods are
sold 'duty- paid', but excludes it if they are sold in bond or exported. sold 'duty-paid', but excludes it if they are sold in bond or exported.
The cost of packaging materials less allowances for returnable The cost of packaging materials less allowances for returnable
containers is included. Sales of fixed assess and exceptional receipts are excluded. Transfers of goods produced by a business to departments not covered by the return (including other businesses in the same enterprise group) are treated as sales, valued as if sold to an independent purchaser.

## STOCKS

47. This represents the value of goods on hand for sale, including goods for merchanting or factoring and of materials, stores and ing goods for merchanting or factoring and of materials, stores and abroad. Values include any duty payable but exclude VAT.

## WAGES AND SALARIES

48. This represents amounts paid during the year to ADMIN ISTRATIVE, TECHNICAL AND CLERICAL EMPLOYEES and to OPERATIVES. All overtime payments, bonuses, commissions, holiday pay and redundancy payments, less any amounts reimbursed for this purpose from government sources, are included. No deduction is made for income tax or employees'
national insurance contributions etc. Payments to WORKING PROPRIETORS, pay CONTRBUTIONS ETC

## WORK DONE AND INDUSTRIAL SERVICES RENDERED

49. This includes amounts charged for work carried out includ. ing that done by sub-contractors on customers materials and amounts charged for materials supplied in the course of such work. Industrial services such as repairs and maintenance, installation work and technical research and studies rendered to other organi. sations is also included. For certain industries this heading coversa wide variety of activities, for example, butter packed on commis. sion in the food industries, making up of garments, fur dressing and typesetting, block making and binding in the printing and publish ing industries. Work done is an important part ing industries. Work done is an important part of the activitues of includes erection, installation and repair and jobbing work.

WORK IN PROGRESS
50. This represents materials which have been partially proc essed and are awaiting further processing before being sold or transferred. Progress payments made to sub-contractors are excluded and progress payments received from other organisations are not deducted.


Output and costs, 1993

Capital expenditure, 1993(a)
All United Kingdom businesses classified to the industry
£ million
$\longrightarrow 1993$

Total acquisitions
Total proceeds from disposals
6. 4
$\begin{array}{ll}\text { Total net capital expenditure } & \mathbf{3 8 . 0}\end{array}$
(a) See paragraph 39 of the explanatory notes for changes in collection.

TABLE 3
Stocks and work in progress, 1993
Stocks and Kingdom businesses classified to the industry

(a) Satisfactory returns accounted for 79 per cent of employment within the industry in 1993.

Employment, labour costs, output, net capital expenditure and stocks
and work in progress by size of total employment, 1993 All united Kingdom businesses classified to the industry (a)

| Size group(b) | $\begin{aligned} & \text { Busin- } \\ & \text { esses } \end{aligned}$ | Enterprise groups(c) | Employment |  |  | Wages and salaries(d) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total Including working proprietors | Operatives | Administr ative,technical and clerical | Operatives |  | Administrativ technical an clerical |  |
|  |  |  |  |  |  | Total | $\begin{aligned} & \text { per } \\ & \text { head } \end{aligned}$ | Total | $\begin{aligned} & \text { per } \\ & \text { eead } \end{aligned}$ |
|  | $\overline{\text { Number }}$ | $\overline{\text { Number }}$ | $\overline{\text { Thousand }}$ | $\overline{\text { Thousand }}$ | Thousand | $\overline{\text { £million }}$ | $\overline{\text { £ }}$ | $\overline{\text { Emillion }}$ | £ |
| 1-9 | 1,210 | 1,205 | 3. 5) |  |  |  |  |  |  |
| 10-19 | 106 | 106 | 1.9) | 8.1 | 2.3 | 135. 0 | 16, 733 | 42.9 | 18,660 |
| 20-49 | 88 | 85 | 3.4) |  |  |  |  |  |  |
| 50-99 | 36 | 35 | 2. 4) |  |  |  |  |  |  |
| 100-199 | 16 | 16 | 2.1 | 1.7 | 0.4 | 25.4 | 15,049 | 7.3 | 16,616 |
| 200-299 | 5 | 5 | 1.3 | 1. 0 | 0.2 | 17.3 | 16,501 | 4.1 | 19,429 |
| 300-399 | 3 | 3 | 0.8 | 0.5 | 0.3 | 7.7 | 14, 882 | 4.5 | 17,636 |
| 400-749 | 3 | 3 | 1. 5 | 1.3 | 0.2 | 18.1 | 14,073 | 3.4 | 18,306 |
| 750-1499 | 3 | 3 | 2.0 | 1. 7 | 0.2 | 29.3 | 16,896 | 5.7 | 23,086 |
| 1500-2499 | 3 | 3 | 4. 8 | 3. 0 | 1.9 | 39.5 | 13, 296 | 35. 2 | 18,788 |
| 2500-4999 | 3 | 3 | 7.3 | 5.6 | 1. 7 | 77.5 | 13, 822 | 35. 3 | 20,533 |
| 5000-Plus | 3 | 3 | 15.9 | 8.8 | 7.1 | 139. 2 | 15,741 | 143.3 | 20, 329 |


| Total | 1,479 | 1,455 | 46.9 | 31.8 | 14.3 | 489.0 | 15,396 | 281.7 | 19,729 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

(a) Businesses employing fewer than 10 persons are not required to complete census returns. Because of this, data for
these businesses should be regarded merely as best estimates available and used with caution.
(b) The size groups above are based on the recorded employment of businesses at the time of their selection.

The employment column is however based upon that returned to the census, which may differ in some cases from employment at selection.
(c) The count of enterprises groups shown in each row represents the number of enterprise groups, irrespective of size owning the businesses shown in each size group. Because an enterprise group may own businesses in more than one size group the sum of the individual enterprise group counts may exceed the total for the industry.
(d) The cost of employers' contributions to the national insurance pensions and welfare schemes and the running costs of canteens are excluded from the table but were estimated for the industry at $£ 107.2$ million.
(e) Gross value added data relate to businesses employing 1-199.

TABLE 5
Percentage analysis of twelve-month periods covered by returns received for the 1993 Census
by number of returns and total employment

| Accounting year ended | Percentage of total returns received | Percentage of total employment |
| :---: | :---: | :---: |
| 1993 |  |  |
| April 6-30 | 1.3 | 0.1 |
| May | - | - |
| June | 2.6 | 0.4 |
| July | 1.3 | - |
| August | - | - |
| September | 11.8 | 3. 3 |
| October | 5.3 | 7.3 |
| November | 2.6 | 0.6 |
| December | 50.0 | 24.0 |
| 1994 |  |  |
| January | 1.3 | 0.1 |
| February | 1.3 | - |
| 1 March - 5 April | 22.4 | 64. 2 |

table 6
Operating ratios, 1993
All United Kingdom businesses classified to the industry

|  | Unit | 1993 |
| :---: | :---: | :---: |
| Gross output per head | £ | 63,230 |
| Net output per head | £ | 33, 959 |
| Gross value added per head | £ | 30, 218 |
| Gross value added as a percentage of gross output | \% | 48 |
| Ratio of gross output to stocks |  | 1.0 |
| Wages and salaries as a percentage of gross value added | \% | 54 |
| Ratio of operatives to administrative, technical and clerical employees |  | 2.2 |
| Wages and salaries per operative | £ | 15,396 |
| Wages and salaries per administrative, technical and clerical employee | £ | 19,729 |
| Net capital expenditure per head | £ | 811 |
| Net capital expenditure as a percentage of gross value added | \% | 3 |

TABLE 7
Regional distribution of employment, net capital expenditure, net output and gross value added at factor cost, 1993 Regional distribution of employment, net capital expenditure,
All United Kingdom businesses classified to the industry

| Area | Total employment(a) |  | Net capital expenditure(b) |  | Net output(c) |  | Gross value added at <br> factor $\operatorname{cost}(c)$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Thousand | per cent <br> of <br> United <br> Kingdom | $\underset{\text { million }}{f}$ | per cent <br> of <br> United <br> Kingdom | $\underset{\text { million }}{£_{n}}$ | per cent <br> of <br> United <br> Kingdom | million | per cent <br> of <br> United <br> Kingdom |
| Standard regions of England |  |  |  |  |  |  |  |  |
| North | 11.3 | 24. 2 | 13.2 | 34. 8 | 483.0 | 30.4 | 463.3 | 32.7 |
| Yorkshire and Humberside | 1. 0 | 2.1 | 0.5 | 1. 3 | 30.5 | 1. 9 | 27. 6 | 1.9 |
| East Midlands | 0.9 | 1.9 | 0.4 | 1.0 | 25.6 | 1. 6 | 22.5 | 1. 6 |
| East Anglia | 1. 4 | 2.9 | 0.7 | 1. 8 | 29.1 | 1.8 | 25.6 | 1.8 |
| South East | 8.7 | 18.6 | 10.7 | 28.2 | 299.2 | 18.8 | 273.1 | 19.3 |
| South West | 8.6 | 18.3 | 3.6 | 9. 5 | 273.9 | 17.2 | 217.1 | 15. 3 |
| West Midlands | 0.7 | 1.5 | 0.6 | 1.5 | 23.2 | 1. 5 | 21.6 | 1. 5 |
| North West | 0.9 | 1.9 | 0.5 | 1.2 | 29.8 | 1. 9 | 27.1 | 1.9 |
| England | 33.4 | 71.2 | 30. 2 | 79.3 | 1194.4 | 75. 1 | 1077. 9 | 76.1 |
| Wales | * | * | * | * | * | * | * | * |
| Scotland | 11.2 | 23. 8 | 5.4 | 14. 2 | 360. 8 | 22.7 | 307.1 | 21.7 |
| Great Britain | * | * | * | * | * | * | * | * |
| Northern Ireland | * | * | * | * | * | * | * | * |
| United Kingdom | 46.9 | 100.0 | 38.0 | 100.0 | 1591.2 | 100.0 | 1415. 9 | 100.0 |

(a) Average number employed during the year, including full and part-time employees and working proprietors.
(b) Total acquisitions less total proceeds from disposals.
(c) 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 factor cost was treated similarly.

All United Kingdom businesses classified to each Sub-Class Heading within the industry(a)

|  | Unit | 35110 | 35120 |
| :---: | :---: | :---: | :---: |
| Enterprise groups | Number | 1,355 | 103 |
| Businesses | " | 1,374 | 105 |
| Value of vessels and floating equipment completed for sale | £ million | 1,785. 5 | 159.9 |
| Other sales of goods produced | " | 113.8 | 8.8 |
| Work done and industrial services rendered | " | 983.5 | 15. 2 |
| Capital goods produced for use within the business | " | 9. 8 | 0.4 |
| Non-industrial services rendered | " | 12.5 | 1.7 |
| Goods merchanted or factored | " | 50.3 | 7.9 |
| Total sales and work done | ${ }^{\prime}$ | 2,955. 5 | 193.9 |
| Increase during the year, work in progress and goods on hand for sale | " | -182. 7 | -4. 1 |
| Gross output | " | 2,772.8 | 189.9 |
| Purchases of materials for use in production, packaging and fuel | " | 951.0 | 94.9 |
| Purchases of goods for merchanting or factoring | ${ }^{\prime}$ | 40.8 | 7.3 |
| Increase during the year, stocks of materials, stores and fuel | " | -69. 2 | 2.0 |
| Cost of industrial services received | " | 201.6 | 8.7 |
| Net output | " | 1,510.1 | 81.1 |
| Total employment | Thousand | 43.5 | 3. 3 |
| Net output per head | £ | 34, 682 | 24,461 |
| Cost of non-industrial services received |  |  |  |
| Hire of vehicles, plant and machinery | £million | 22.2 | 0.1 |
| Rents of industrial and commercial buildings | " | 17.7 | 2.2 |
| Commercial insurance premiums | " | 25.4 | 1.3 |
| Bank charges | " | 0.9 | 0.3 |
| Other non-industrial services | " | 81.9 | 6. 6 |
| Licensing of motor vehicles | " | 0.2 | - |
| Rates, excluding water rates | " | 14.5 | 1.9 |
| Gross value added at factor cost | " | 1,347. 3 | 68.6 |
| Gross value added at factor cost per head | £ | 30,943 | 20,698 |


|  | 35110 | 35120 |
| :--- | ---: | ---: |
|  | 40.1 | 4.3 |
| Total acquisitions | 6.0 | 0.4 |
| Total proceeds from disposals | 34.1 | 3.9 |
| Total net capital expenditure |  |  |

(a) See paragraph 39 of the explanatory notes for changes in collection.

TABLE 10
tocks and work in progress 1993
All United Kingdom businesses classified to each Sub-Class within the industry

|  | 35110 | 35120 |
| :--- | ---: | ---: |
|  |  |  |
| 10a increase during year | -69.2 | 2.0 |
| Materials, stores and fuel | -181.7 | -5.1 |
| Work in progress | -1.0 | 1.0 |
| Goods on hand for sale | $\mathbf{2 5 1 . 9}$ | $\mathbf{- 2 . 0}$ |
| Total |  |  |
| 10b Value at end of year | 87.5 |  |
| Materials, stores and fuel | $2,891.0$ | 7.6 |
| Work in progress | 0.6 | 25.8 |
| Goods on hand for sale | $2,979.0$ | 2.4 |
| Total |  | 35.8 |

(a) The count of enterprise groups shown in each column represents the number of enterprise groups owning the
businessens shown for each sub-class. Because an enterprise group may own businesses in more than one sub-class the
sum of the enterprise group may exceed the total in the industry.

Operating ratios, 1993
All United Kingdom businesses classified to each Sub-Class within the industry

|  | Unit | 35110 | 35120 |
| :---: | :---: | :---: | :---: |
| Gross output per head | £ | 63,682 | 57,298 |
| Net output per head | £ | 34, 682 | 24,461 |
| Gross value added per head | £ | 30,943 | 20,698 |
| Gross value added as a percentage of gross output | \% | 49 | 36 |
| Ratio of gross output to stocks |  | 0.9 | 5. 3 |
| Wages and salaries as a percentage of gross value added | \% | 54 | 70 |
| Ratio of operatives to administrative, technical and clerical employees |  | 2.1 | 4. 5 |
| Wages and salaries per operative | £ | 15,516 | 14, 098 |
| Wages and salaries per administrative, technical and clerical employees | , | 19.864 | 16,643 |
| Net capital expenditure per head | £ | 784 | 1,173 |
| Net capital expenditure as a percentage of gross value added | \% | 3 | 6 |

