

BUSINESS MONITORS

SPECIAL NOTE FOR PURCHASERS

The Business Statistics Office, aided by industry and commerce, provides much of the statistical data required by Government for monitoring the economy.

You may, if you wish, purchase much of the data in the form of Business Monitors which are a series of publications containing statistical information compiled from inquiry forms sent out regularly by the BSO to selected firms asking detailed questions about production, sales, employment and investment. Business Monitors are the primary or in many cases the only source of the information they contain.

The Annual Census of Production Monitors deal with the manufacturing, energy, mining and construction industries. There are 115 Monitors in this series some of which cover more than one industry and they are all listed overleaf. They are prefixed by a code P (for Production) followed by A (annual series).

The 1980 Annual Census of Production was the first to be produced on the basis of the 1980 revision of the Standard Industrial Classification with individual reports covering three digit groups of the classification. 1980 reports contain comparable data for 1979, reworked from information originally published on the basis of the 1968 revision of the SIC. Also available is a special summary volume for the 1979 Census of Production based on 1980 SIC, and also containing the 1979 Purchases Inquiry Business Monitor -PA1002.1. 1979 Census of Production and Purchases Inquiry is available from HMSO Books, PO Box 276, London SW8 5DT (Telephone 01-622 3316 for orders) price £21.00 reference ISBN 011 5141146

If you would like details concerning Annual Census of Production data published for earlier years please telephone Newport (STD 0633) 222455.

If you would like to know more about the complete series of Business Monitors please contact HMSO Books (Publicity Department), FREEPOST, Norwich NR3 1BR who will send you a copy of the detailed Business Monitor Brochure which lists the Monitors available. For individual Monitor copies, back numbers or further information regarding the contents of Business Monitors please contact the Librarian, Business Statistics Office, Government Buildings, Cardiff Road, Newport, Gwent, NP9 1XG. Telephone Newport (0633) 222973. Telex 497121 and 497122; answer back BSONPT G.

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PA256

A publication of the Government Statistical Service

Report on the 1984

Specialised chemical products mainly for industrial and agricultural purposes

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

Department of Trade and Industry Business Statistics Office

London: Her Majesty's Stationery Office

BUSINESS MONITOR

Census of Production

BUSINESS MONITORS MAKING UP THE COMPLETE CENSUS REPORT

The following is the list of Business Monitors making up the complete census report.

Shown alongside each title, where appropriate, is an indication of the change in the estimated employment in that industry that has arisen, between 1983 and 1984, from the introduction of a new, more up to date, register of businesses. The change shown reflects the increase or decrease between the old and new registers at a fixed point in time and does not in itself give any indication of the growth or contraction within any industry between 1983 and 1984. Over all manufacturing industry there was an increase between the two registers of 1.3%. Changes for individual industries have arisen not only from the addition of extra, mainly small, units but also from the reclassification of some small units from one industry to another.

Since estimates of census variables, based on register employment, are made for small establishments which are not required to complete census forms, the change will affect much of the data contained in the reports. This should be taken into account in interpreting the figures.

Employment

percentage

variation PA1001 Introductory notes PA111 Coal extraction and manufacture of solid fuels PA120 Coke ovens Extraction of mineral oil and natural gas PA130 PA140 Mineral oil processing PA161 Production and distribution of electricity Public gas supply Water supply industry PA162 PA170 Water supply industry PA210 Extraction and preparation of metalliferous ores 38 Iron and steel industry PA221 -1 PA222 Steel tubes 1 PA223 Drawing, cold rolling and cold forming of steel -2 Non-ferrous metals industry PA224 0 PA231 Extraction of stone, clay, sand and gravel -18 PA239 Extraction of miscellaneous minerals (including salt) -6 PA241 Structural clay products Cement, lime and plaster Structural clay products -1 PA242 0 PA243 Building products of concrete, cement or plaster -9 PA244 Asbestos goods 0 PA245 Working of stone and other non-metallic minerals -2 PA246 Abrasive products -6 Glass and glassware Refractory and ceramic goods PA247 2 PA248 PA251 Basic industrial chemicals PA255 Paints varnishes and printing ink PA256 Specialised chemical products mainly for industrial and agricultural purposes PA257 Pharmaceutical products PA258 Soap and toilet preparations 0 PA259 Specialised chemical products mainly for household and office use 0 PA260 Production of man made fibres 0 PA311 Foundries _4 PA312 Forging, pressing and stamping 0 PA313 Bolts, nuts, etc; springs; non-precision chains; metals treatment 0 PA314 Metal doors, windows etc 2 Hand tools and finished metal goods PA316 -1 PA320 Industrial plant and steelwork 4 PA321 Agricultural machinery and tractors -1 PA322 Metal-working machine tools and engineers' tools PA323 Textile machinery 0 PA324 Machinery for the food, chemical and related industries; process engineering contractors 2 Mining machinery, construction and mechanical handling equipment PA325 3 PA326 Mechanical power transmission equipment 14 PA327 Machinery for printing, paper, wood, leather, rubber, glass and related industries; laundry and dry cleaning machinery _4 PA328 Miscellaneous machinery and mechanical equipment 0 PA329 Ordnance, small arms and ammunition 0 PA330 Manufacture of office machinery and data processing equipment 7 PA341 Insulated wires and cables 2 PA342 Basic electrical equipment PA343 Electrical equipment for industrial use, and batteries and accumulators 3 PA344 Telecommunication equipment, electrical measuring equipment, electronic capital goods and passive electronic components PA345 Miscellaneous electronic equipment 3 PA346 Domestic-type electric appliances 1 PA347 Electric lamps and other electric lighting equipment 13 PA351 Motor vehicles and their engines sarvice in Gaussi stay the abbaness as request o PA352 Motor vehicle bodies, trailers and caravans -3

BUSINESS MONITORS MAKING UP THE COMPLETE CENSUS REPORT (continued)

PA353	Motor vehicle parts
PA361	Shipbuilding and repairing
PA362	Railway and tramway vehicles
PA363	Cycles and motor cycles
PA364	Aerospace equipment manufacturing and repairing
PA365	Miscellaneous vehicles
PA371	Measuring, checking and precision instruments and apparatus
PA372	Medical and surgical equipment and orthopaedic appliances
PA373	Optical precision instruments and photographic equipment
PA374	Clocks, watches and other timing devices
PA411	Organic oils and fats
PA412	Slaughtering of animals and production of meat and by-products
PA413	Preparation of milk and milk products
PA414	Processing of fruit and vegetables
PA415	Fish processing
PA416	Grain milling
PA419	Bread, biscuits and flour confectionery
PA420	Sugar and sugar by-products
PA421	Ice-cream, cocoa, chocolate and sugar confectionery
PA422	Animal feeding stuffs
PA423	Starch and miscellaneous foods
PA424	Spirit distilling and compounding
PA426	Wines, cider and perry
PA427	Brewing and malting
PA428	Soft drinks
PA429	Tobacco industry
PA431	Woollen and worsted industry
PA432	Cotton and silk industries
PA433	Throwing, texturing, etc. of continuous filament yarn
PA434	Spinning and weaving of flax, hemp and ramie
PA435	Jute and polypropylene yarns and fabrics
PA436	Hosiery and other knitted goods
PA437	Textile finishing
PA438	Carpets and other textile floorcoverings
PA439	Miscellaneous textiles
PA441	Leather (tanning and dressing) and fellmongery
PA442	Leather goods
PA451	Footwear
PA453	Clothing, hats and gloves
PA455	Household textiles and other made-up textiles
PA456	Fur goods
PA461	Sawmilling, planing, etc. of wood
PA462	Manufacture of semi-finished wood products and further processing
PA463	Builders carpentry and joinery
PA464	Wooden containers
PA465	Miscellaneous wooden articles
PA466	Articles of cork and plaiting materials, brushes and brooms
PA467	Wooden and upholstered furniture and shop and office fittings
PA471	Pulp, paper and board
PA472	Conversion of paper and board
PA475	Printing and publishing
PA481	Rubber products
PA483	Frocessing of plastics
PA491	Jewellery and coins
PA492	Musical instruments
PA493	Photographic and cinematographic processing laboratories
PA494	Toys and sports goods
	Missellana and fact to the t
PA495	Miscellaneous manufacturing industries
	Construction Summary tables

2

Employment percentage variation

and treatment of wood

3

-2 0 0 0 0 2 Λ _8 0 -5 0 -1 -7 14 0 -2 -5 2 0 2 0 -1 0 -2 3 -3 -3 0 3 3 1 3 -5 8 2 7 -2 -27 -17 -4 -5 -6 4 -1 3 5 -1 2 1 -5 -1 67

PA256 SPECIAL ISED CHEMICAL PRODUCTS MAINLY FOR INDUSTRIAL AND AGRICULTURAL PURPOSES

PA256

The information in this report relates to establishments classified to the Specialised chemical products mainly for industrial and agricultural purposes industry, Group 256 in the Standard Industrial Classification Revised 1980. The industry Group covers the following Activity Headings: -

2562 Formulated adhesives and sealants

Manufacture of formulated synthetic resin and natural and synthetic rubber adhesives (i.e. containing solvents, plasticisers, etc.). Unformulated synthetic resin adhesives are classified to Group 251. Manufacture of gelatine, glue, size, gum, paste, etc., including preliminary processing. Manufacture of sealants.

2563 Chemical treatment of oils and fats

Manufacture of primary products of sperm oil (including higher fatty alcohols), stearine and glycerine. Fat splitting and distillation. Recovery of fat is classified to Group 412.

2564 Essential oils and flavouring materials

Manufacture of essential oils (other than turpentine). Manufacture of natural and artificial flavourings and perfume concentrates.

2565 Explosives

Manufacture of explosives, detonators, fuses (except shell fuses), percussion caps, flares and signal rockets. Manufacture of fireworks and matches. Manufacture of live ammunition is classified to Group 329 and cellulose nitrate to Group 251.

2567 Miscellaneous chemical products for industrial use

Manufacture of industrial gases, products for the treatment of leather and textiles, tanning agents and other chemical products not elsewhere specified for industrial use including waxes and foundry preparations. Chemicals specially prepared for laboratory use are included

2568 Formulated pesticides

Manufacture of formulated pesticides, sheep dips, weedkillers and other phytosanitary products.

2569 Adhesive film, cloth and foil

Manufacture of adhesive film of plastics and cellulose, adhesive cloth and adhesive foil (other than for medical or surgical purposes for which see Group 257). Non-adhesive film, cloth and foil, when chemically treated for use as an insulating material, are also included. Adhesives paper is classified to Group 472.

For a full description of the 1980 classification see Standard Industrial Classification Revised 1980, obtainable from Her Majesty's Stationery Office, price £3.95.

In interpreting the data in the tables it is essential to bear in mind the notes and definitions which commence on page 5.

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EXPLANATORY NOTES AND DEFINITIONS

INTRODUCTION

These notes give basic information to help with the interpretation of tables in this Industry Report. More general information about the Census is given in a separate Business Monitor - Report on 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 exists to promote uniformity and comparability in the official statistics of the United Kingdom. The SIC(80) is the result of an attempt to align the United Kingdom classification with the General Industrial Classification of Economic Activities within the European Communities (NACE). It is based on activity rather than commodities produced A full description of SIC(80) is given in Standard Industrial Classification Revised 1980, obtainable from Her Majesty's Stationery Office, price £3.95.

REPORTING UNIT

As far as possible the reporting unit in respect of which information is collected is one whose activities fall within a single activity heading of the classification and which is situated at a single geographical location. Frequently, however, the information required cannot be provided on this basis. Where information covering a mixture of activities is all that is available, the unit is classified according to the main activity. Where a unit operates at a number of locations and the full range of information is not available for each location, the reporting unit is deemed to cover a number of locations. In most cases, separate information on employment and net capital expenditure is obtained for each location (local unit) in order to enable regional data to be compiled. The reporting unit, usually called the establishment, is therefore defined as the smallest unit for which the information normally required in a production census can be provided.

Establishments are asked to exclude from their returns particulars relating to ancillary departments not engaged in production (such as merchanting or factoring organisations, transport organisations, canteens and warehouses) for which separate accounts are kept. Transfers of goods produced to such departments are treated as sales, valued as far as possible as if sold to an independent purchaser. Where separate accounts are not kept, establishments are allowed to include details in their returns. Establishments are asked to include details relating to head offices engaged mainly in the administration of production units within the scope of the Census. Where head office activity covers more than one return, details are included in the principal return.

THE REGISTER

A register of production units throughout the United Kingdom is held on the BSO computer and provides the basis for BSO inquiries to the production sector. For each unit the register contains identification particulars and information about that unit's eligibility for inclusion in an inquiry, its relationship with other units in common ownership, 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 – Analyses of United Kingdom Manufacturing (Local) Units by Employment Size. During 1984, for production inquiries, the BSO moved to an updated register which makes fuller use of information obtained from HM Customs and Excise VAT records.

The annual Census and other inquiries provide a major source of information for updating and checking the register. For estab-lishments on the register making returns to the Quarterly Sales Inquiry, industrial classification is reviewed annually and is derived from an analysis of their commodity sales. Employment data are provided by the Quarterly Sales Inquiry and the Census of Where establishments on the register do not make Production. returns to these inquiries, employment is based mainly on information provided by the Department of Employment from Censuses of Employment. New additions to the register are obtained from various sources including HM Customs and Excise VAT records and Censuses of Employment.

COVERAGE

The Census covers United Kingdom establishments engaged in industrial production, i.e. mining and quarrying, manufacturing, construction, and gas, electricity and water supply industries (Divisions 1 to 5 of SIC(80)). Establishments in the Channel Islands and the Isle of Man are excluded.

8. Under arrangements agreed for the 1984 Census, forms were despatched to all establishments with 20 or more employed except for those in the 20 to 49 employment size band located in England where, in general, a sample of 1 in 2 was taken. For industries where there were few units in the sample size band or where response in earlier years was poor, it was necessary to increase the sample. About 24,200 forms were despatched to production establishments in the United Kingdom for the 1984 Census.

PERIOD COVERED

The accuracy of the totals produced by adding together estimates and returned data is mainly dependent on two measures. The first of these is the extent to which establishments making satisfactory returns account for the overall total for any heading. In practice a measure of this is normally taken to be the employment of establishments making satisfactory returns expressed as a percentage of the total estimated employment (this is given in footnote (a) to Table 1). Thus the accuracy of data published in an Industry Report where 95 per cent of the employment in the industry is covered by returns made, will, in general, be better than that in an Industry Report where the coverage is only 70 per cent.

The second measure is the extent to which individual headings in an Industry Report are related to employment. Thus an estimate of total earnings which bears a close relationship to total employment is likely to be more accurate than an estimate of capital expenditure where the relationship to employment is not so clearly marked

"The following provisions shall have effect with respect to any report, summary or other communication to the public of inform ation obtained under the foregoing provisions of this Act -

CHANGES MADE FOR 1984 The 1984 Census was a benchmark one with a larger number establishments receiving inquiry forms than had been the case with the previous 4 Censuses. Additional questions, for larger establishments only, asked for information on road transport costs, and postal and telecommunications costs. Coverage of the Census was extended to include, for the first time, establishments classified to activity headings 4121 (slaughterhouses), 4126 (animal by-product processing) and 4930 (photographic and cinematographic processing laboratories).

SYMBOLS LISED **Business Monitors:**

Establishments were asked to make returns for the calendar year 1984 but, where this was not possible, returns for business years ending between 6 April 1984 and 5 April 1985 were accepted. Returns covering fewer than twelve months were accepted for businesses which had started or ceased trading during the year.

10. All published Census results include estimates for nonresponders, unsatisfactory returns and establishments not selected for the Census. Estimates are also made for items not covered on the shorter form sent to smaller establishments.

Within employment size groups in each industry, the 'average per head" is calculated for each census variable by dividing the total returned value for each variable by the total returned employment. This value is multiplied by the employment thought to exist in each non-responding or unselected establishment to yield an estimated value for that establishment. Estimates for items not collected on the shorter form are made in a similar way using returned employment.

SUPPRESSION OF INFORMATION RELATING TO INDIVIDUAL UNDERTAKINGS Sub-section 9(5)(b) of the Statistics of Trade Act 1947 states

in compiling any such report, summary or communication the 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 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."

15. Figures which would be likely to disclose particulars relating to an individual undertaking are not published unless the contributor has given written consent for their publication.

17. The following symbols are used throughout the PA series of

not available

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

ROUNDING OF FIGURES

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 shown.

EXPLANATION OF TERMS USED IN THE CENSUS REPORT The notes and definitions given in this section are based on 19 the 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 together with any other amounts which ranked as capital items for taxation purposes during the year to which each establishment's return related. The value is inclusive of any amounts received or expected to be received in grants and/or allowances from government sources, statutory bodies or local authorities. Where expenditure is spread over more than one Census year, payments are included in the years in which they were made. Capital expenditure during the year in respect of production units where production had not started before the end of the year and the value of CAPITAL GOODS PRO-DUCED FOR ESTABLISHMENTS' OWN USE by establishments' own staff are included. The value of any assets acquired in taking over an existing business are excluded. The figures include nondeductible VAT but exclude deductible VAT. No allowance is made for depreciation, amortisation or obsolescence

on LAND AND EXISTING BUILDINGS

21. This represents the value of freeholds and the value or premium payable or receivable for leaseholds acquired or disposed The figures for acquisitions include architects' and surveyors' fees, legal fees, stamp duties, agents' commissions and Land Registry fees. The figures for disposals are net of any such professional fees pavable.

ON NEW BUILDING WORK b.

22. This represents the value of new building and other constructional work such as the extension and reconstruction of old buildings, and the value of any newly constructed buildings acquired. The figures include architects' and surveyors' fees, legal fees, stamp duties, agents' commissions and Land Registry fees.

c. on PLANT AND MACHINERY, VEHICLES

23. 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 of transport and installation and Customs and Excise car tax. The figures for disposals exclude amounts written off for capital assets which are scrapped.

CAPITAL GOODS PRODUCED FOR ESTABLISHMENTS' OWN USE

This represents the value of all work of a capital nature 24. carried out during the year by the establishments' own staff for use in the businesses covered by the returns.

COST OF INDUSTRIAL SERVICES RECEIVED

This includes amounts payable to other organisations for 25 work done on materials supplied by the establishment completing the return, for repairs and maintenance including those in respect of rented buildings, and for contracts which have been sublet. Direct payments to outworkers and amounts charged to capital account are excluded.

COST OF NON-INDUSTRIAL SERVICES RECEIVED

26. 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 commercial buildings, for the services of accountants, auditors, agents, solicitors and surveyors other than in connection with the acquisition or disposal of capital assets, for postal and telecommunications services, for carriage by all forms of transport within the United Kingdom, for advertising, market research etc., for the right to use patents, trade marks, copyrights etc., for manufacturing and quarrying rights and technical 'know-how'. Interest payments and amounts payable for sea and air freight on goods exported on materials and fuel imported are excluded.

EMPLOYERS' NATIONAL INSURANCE CONTRIBUTIONS ETC. 27 This includes employers' national insurance contributions, including the national insurance surcharge, under the Social Security Pensions Act 1975, commercial insurance premiums for policies providing pensions, superannuation or other retirement benefits, sickness benefits, personal accident benefits, disability benefits or death benefits for employees, including former employees, or their dependents. Also included are contributions to canteens, social centres, children's and holiday homes etc. and the cost of supplying luncheon vouchers.

EMPLOYMENT

28. This is the average number of ADMINISTRATIVE, TECH-NICAL 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 (i.e. people who worked in their own homes on materials supplied by establishments) and casual employ-ees such as jobbers are excluded. The average number of employees returned by individual establishments may have been calculated by for example, the average of the number of employees on the payroll for the last week of each calendar month.

ADMINISTRATIVE, TECHNICAL AND CLERICAL EMPLOYEES

29. This includes directors who received a definite wage, salary or commission, managers, foremen, draughtsmen, editorial and advert-ising staff, travellers, all office employees and research and design employees other than operatives.

OPERATIVES h

30. This includes all manual wage earners including operatives in power stations, operatives engaged in outside work of erecting, fitting, etc., inspectors, maintenance workers and cleaners. Staff engaged in transport (including roundsmen) and employed in warehouses, stores, shops and canteens are in general excluded.

WORKING PROPRIETORS C

31. 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 the business but did not receive a definite wage, salary or commission. Part-time directors paid by fee only and directors who received a definite wage, salary or commission are excluded.

GROSS OUTPUT

This is calculated by increasing (or decreasing) the value of TOTAL SALES AND WORK DONE by the rise (or fall) during the year of WORK IN PROGRESS AND GOODS ON HAND FOR

GROSS VALUE ADDED AT FACTOR COST

33. This is calculated by deducting from NET OUTPUT the COST OF NON-INDUSTRIAL SERVICES RECEIVED, RATES and the cost of LICENSING OF MOTOR VEHICLES. This estimate of gross value added approaches more closely than NET OUT-PUT the definition of net output or value added in national accounts statistics.

GROSS VALUE ADDED AT FACTOR COST PER HEAD

34. This is calculated by dividing GROSS VALUE ADDED AT FACTOR COST by total EMPLOYMENT.

NET CAPITAL EXPENDITURE

This is calculated by adding to the value of NEW BUILDING WORK acquisitions less disposals of LAND AND EXISTING BUILDINGS, VEHICLES and PLANT AND MACHINERY.

NET OUTPUT

36. This is a traditional census measure 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 FACTOR-ING, the COST OF INDUSTRIAL SERVICES RECEIVED and is adjusted for net duties and levies etc. where applicable. Purchases are adjusted for changes during the year of STOCKS OF MATERIALS, STORES AND FUEL.

NET OUTPUT PER HEAD

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

NON-INDUSTRIAL SERVICES RENDERED

This includes amounts charged for the hire of vehicles, plant and machinery, for the rent of industrial and commercial 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 also includes revenue from staff facilities such as canteens

OPERATING RATIOS

These ratios are calculated using industry totals, i.e. including 39. the estimates for establishments not responding to or not selected for 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. PUP MERCHANTING OR FACTORING PURCHASES OF GOODS FOR

40. These include the cost of raw materials, components, semi manufactured 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 and water materials of all types used by the establishments or given out to other establishments for the production of machinery or other capital items for the establishments' own use and materials for use by the establishments when working on goods supplied by customers. The figures exclude VAT, purchases of machinery and plant, which are included in CAPITAL EXPENDITURE, and amounts payable to transport firms or credited to establishments' 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 cif plus duty, if applicable. Transfers of goods to an establishment from other departments of the organisation not covered by the return are included at the estimated selling value recorded by the other departments

REMUNERATION PAID TO OUTWORKERS

This represents amounts paid to outworkers, i.e. people who 41 do work in their own homes generally on a piece-work basis, whose names appear on establishments' payrolls. Amounts paid to outworkers by subcontractors are included in the COST OF INDUS-TRIAL SERVICES RECEIVED. Estimates are not made for remuneration of outworkers for establishments not completing Census returns

SALES OF GOODS PRODUCED

42. This represents deliveries on sale of goods produced by establishments in the United Kingdom coming within the scope of the Census irrespective of whether or not they were produced in the year of the return. It also includes sales of goods made for establishments from materials given out by them to other organisations or to outworkers and sales of waste products and residues. The value of sales is the 'net selling value', i.e. the amount charged to customers whether valued 'ex-works' or 'delivered' less VAT, trade discounts, agents' commissions, etc. and allowances on returned goods. Where products attract Excise duty, the value is inclusive of duty if goods are sold 'duty-paid' and exclusive of duty if goods are sold in bond or exported. The cost of packaging materials less allowances for returnable containers is included. Sales of fixed assets and exceptional receipts are excluded. Transfers of goods produced by an establishment to departments not covered by the return (including other establishments in the same enterprise group) are treated as sales, valued as if sold to an independent purchaser.

STOCKS

This represents the value of goods on hand for sale, including goods for merchanting or factoring and of materials, stores and fuel held by establishments coming within the scope of the Census, whether held in the United Kingdom or abroad. Values include any duty payable but exclude VAT.

WAGES AND SALARIES

This represents amounts paid during the year to ADMINIS-TRATIVE, 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, payments in kind, travelling expenses, lodging allowances etc. and EMPLOYERS' NATIONAL INSURANCE CONTRIBUTIONS ETC. are excluded

WORK DONE AND INDUSTRIAL SERVICES RENDERED

This includes amounts charged for work carried out including 45 that done by sub-contractors on customers' materials including amounts charged by establishments for materials supplied by them in the course of such work and for industrial services such as repairs and maintenance, installation work and technical research and studies rendered to other organisations. For certain industries this heading covers a wide variety of activities, for example, butter packed on commission in the food industries, making up of garments, fur dressing and textile finishing in the textile industries, and preparatory work on type-setting, block making and binding in the printing and publishing industries. Work done is an important part of the activities of the electrical machinery and heavy engineering industries, and includes erection, installation and repair and jobbing work.

WORK IN PROGRESS

This represents materials which have been partially processed 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

	Other non-Industrial services
	Gross velue added as factor acut
	Gross values added at factor cost per lead 5,01 6.0
	(e) includes the cost of transport of go 613,699 indusand. These were col

Output and costs, 1980-1984 All United Kingdom establishments classified to the industry (a)

	Unit	1980	1981	1982	1983	1984
Enterprises	Number	648	659	621	644	811(b)
Establishments		740	751	709	736	916(b)
Sales of goods produced	£ million	2,022.0	2,140.5	2,292.2	2,495.0	2,967.7
Vork done and industrial	energy encode	ved or expected				eldeven etnuone la rocoren ave
ervices rendered	Proute extern	85.5	87.0	42.0(c)	40.3	47.1
Capital goods produced for establish- nents' own use	"	5.8	6.0	5.1	4.1	6.1
lon-industrial services rendered	C# 1914	9.8	12.3	58.9(c)	105.1	111.3
Goods merchanted or factored		617.5	645.3	628.9	774.6	768.4
Total sales and work done	.,	2,740.5	2,891.0	3,027.1	3,419.1	3,900.7
ncrease during the year, work in rogress and goods on hand for sale	10.8.01000	5.8	10.9	-1.7	29.5	54.8
Gross output	"	2,746.4	2,901.9	3,025.4	3,448.5	3,955.4
urchases of materials for use in pro- uction, and packaging and fuel		1,186.4(d)	1,196.6(d)	1,266.7(d)	1,390.9(d)	1,629.0
urchases of goods for merchanting or actoring	"	483.3	496.2	487.4	602.1	557.4
ncrease during the year, stocks of naterials, stores and fuel		-17.6	—1.9	5.8	18.4	25.4
ost of industrial services received	and recording	53.4	52.6	53.1	52.3	56.6
xcise payments, etc. (net)		(d)	(d)	(d)	(d)	7.2
Net output	Man Mina	1,005.6	1,154.6	1,223.9	1,421.6	1,730.6
otal employment	Thousand	59.4	54.0	50.6	49.5	51.2(b)
Net output per head	£	16,915	21,363	24,197	28,747	33,801
ayments for non-industrial services						
Hire of vehicles, plant and machinery	£ million	10.8	11.6	16.5	12.3	14.7
Rents of industrial and commercial buildings	,,	6.2	6.9	8.9	9.3	11.6
Commercial insurance premiums	"	12.8	12.1	11.5	12.1	12.7
Bank charges	o to"coher o	1.0	1.1	1.2	1.6	1.9
Other non-industrial services		137.1	148.9	152.0	170.8	205.5(e)
censing of motor vehicles	one and the sec	1.3	1.5	1.6	1.6	2.2
ates, excluding water rates		13.3	15.3	18.0	18.6	20.5
Gross value added at factor cost		823.1	957.2	1,014.2	1,195.3	1,461.5
Gross value added at factor cost per head	£	13,846	17,710	20,050	24,171	28,544

(a) Satisfactory returns accounted for 87 per cent of employment within the industry in 1984.

Use of a new register of businesses for 1984 has affected the number and distribution of enterprises and establishments (see Table 4). This has led to the estimated total employment being increased by 1% in this industry. Estimates for other variables are dependent upon employment and the change should be taken into account when interpreting the figures in this publication. Further information is given a page 2. (b) is given on page 2.

8

(c) This figure reflects a change in reporting structure for the 1982 Census.

.....

Excise payments, etc. (net) included in purchases of materials for use in production, and packaging and fuel. (d)

Includes the cost of transport of goods by road (within the UK) of £36,458 thousand and postal and telecommunication costs of £13,693 thousand. These were collected separately for 1984 but not for the other years shown in the table. (e)

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TABLE 2

Capital expenditure, 1980-1984 All United Kingdom establishments classified to the industry

									£ mill
n - 2 million		1980	1981	1982		1983	- and services	1984	ENALWER TO
			-	<u>v</u>					well of you
Land and buildin	-								
New building	work	19.3	10.3	12.0		16.8		14.5	
Land and exis	ting building	\$							
Acquisitio	ns	4.3	3.6	5.1		6.1		5.1	
Disposals		0.2	3.0	2.6		2.4		5.2	
Net		23.4	10.9	14.5		20.5		14.4	
Plant and machin	ery								
Acquisitions		93.5	79.6	82.7		89.1		141.9	
Disposals		3.2	3.7	2.9		7.8		5.1	
Net		90.3	75.9	79.8		81.3		136.8	
Vehicles									
Acquisitions		000 12.3	11.5	12.8		16.2		17.6	
Disposals		5.0 0 00	4.3	3.9		4.5		5.1	
Net		7.3	7.2	8.9		11.7		12.5	
Total net o	apital expension	diture 120.9-	93.9	103.2		113.5		163.7	
21,508,11	2.95.7	21.0 0.0016,685	26,4048,1	a.94.3	5.5 12,494	6	76.65		768 ¹⁸ 800

TABLE 3

Stocks and work in progress, 1980-1984 All United Kingdom establishments classified to the industry

	1980	1981	1982	1983	1984	
3a. Increase during year						
Materials, stores and fuel	-17.6	-1.9	5.8	18.4	25.4	
Work in progress	-2.2	-3.5	-2.8	0.5	10.2	
Goods on hand for sale	8.0 8.0	14.4	2,021,01.1 2,133	29.0	44.5	
Total	-11.8	9.0	4.1	47.8	80.1	
					labang <u>anis die</u>	<u>ner 197</u>
3b. Value at end of year						
one costs of car teens are						
Materials, stores and fuel		.neillim 8.089			226.8	
		.neillim 8.089			226.8	

9

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£	mil	lion
L	11111	11011

100

Employment, labour costs, output, net capital expenditure and stocks and work in progress by size of total employment, 1984 All United Kingdom establishments classified to the industry (a)

Size group	Estab- lish- ments	Enter- prises (b)	Empl	oymen	t		Wages and s	alaries (c)		
			Total inclue work propr	ding	Opera- tives	Admin- istrative, technical and clerical	Operatives	1	Administra technical a	nd clerical
							Total	per head	Total	per head
Non-indiacring mayle	es renkiproch	<u>6.5</u>		2.5	1.4	023	10000	4) <u></u> 0,	1.)	i se président
	Number	Numbe	r Thou	sand	Thousand	Thousand	£ million	£	£ million	£
1—9	522	497	1.7)						
10-19	145	141	2.0	82.7						
20-49	85	82	3.0))	5.5	6.5	40.0	7,293	63.7	9,724
50—99	73	70	5.3))						
100-199	35	34	5.0		2.6	2.4	19.5	7,432	22.6	9,459
200–299	17	17	4.2		2.1	2.1	18.4	8,909	23.7	11,085
300–399	12	12	4.2		2.4	1.8	20.8	8,631	18.6	10,514
400-499	9	9	4.0		2.2	1.9	16.8	7,780	17.0	9,067
500-749	6	6	3.4		1.7	1.8	13.3	8,010	18.9	10,531
750—999	5	5	4.2		2.4	1.8	21.0	8,685	20.8	11,863
1,000—1,999	3	3	4.3		2.0	2.3	14.8	7,327	23.0	10,093
2,000 plus	4	4	9.8		6.5	3.3	55.9	8,615	40.7	12,274
Total	916	811	51.2		27.3	23.9	220.4	8,068	249.0	10,434

(a) Establishments employing fewer than 20 persons are not required to complete census returns. Because of this, data for these establishments should be regarded merely as the best estimates available and used with caution.

(b) The count of enterprises shown in each row represents the number of enterprises, irrespective of size, owning the establishments shown in each size group. Because an enterprise may own establishments in more than one size group, the sum of individual enterprise counts may exceed the total for the industry.

(c) 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 £89.3 million.

(d) Gross value added data relate to establishments employing 1-199

•

Net output Gross value Gross output Total sales added at and work factor cost done Total Total per head £ £ million £ million £ million £ million 867.4 876.2 361.0 29,972 (d) 375.4 384.0 155.0 30.941 411.8(d) 174.6 41,533 528.9 146.5 524.3 422.3 430.8 182.8 43,737 153.5 502.6 523.6 280.5 69,580 264.5 215.3 217.0 87.6 25,387 64.8 276.2 280.7 106.0 25,408 81.3 213.4 103.6 24,084 211.6 86.8 505.7 500.8 279.6 28,501 252.1

					OE .
3,9	00.7	3,955.4	1,730.6	33,801	1,461.5
	32	35	(EE	QP	44
				sex, t	

11 fc) 6.1 0.6	Net capital expenditure	Total stocks and work in progress at end of year
per head		
Ê	£ million	£ million
8.8 (d)	31.0	129.3
24,224(d)	7.8	63.9
34,854	20.3	59.5
36,737	12.7 donalid	66.3
65,616	16.7	117.6
18,787	5.3	35.4
19,494	16.6	35.1
20,191	23.0	28.3
25,702	30.3	63.0

28,544

163.7

598.4

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Percentage analysis of twelve-month periods covered by returns received for the 1984 Census by number of returns and total employment

Accounting year ended				Percentage of total returns received			Percentage of total employment			
1984 6–30) April		1.6	addad at fector cost		- og alless	0.3	ada a ana a	nci erork Inci erork Ioros	
	May		0.5				0.1			
	June		4.8		Activiti activities cochesical and comissi		3.0			
	July		1.6				0.2			
	August		1.1				1.6			
	September		10.0				18.4			
	October		2.6				1.8			
	November		5.8				5.2			
	December		55.6				53.1			
	19.00									
1985	January		3.2				5.7			
	February		0.5				0.2			
30,8.09,0	March–5 April		12.7				10.4			
406-544	16.7	6	318,86 A.D	8.499	13090.08	15.13	2.085/ 780	0.231.0	alsoa	
								Q CBCM		
TABLE 6										

TABLE 6

Operating ratios, 1980–1984 All United Kingdom establishments classified to the industry

	Unit	1980	1981	1982	1983	1984
Gross output per head	£	46,198	53,692	59,812	69,735	77,254
Net output per head	£	16,915	21,363	24,197	28,747	33,801
Gross value added per head	£	13,846	17,710	20,050	24,171	28,544
Gross value added as a percentage of gross output	%	30	33	34	35	37
Ratio of gross output to stocks		5.7	6.0	6.5	6.7	6.6
Wages and salaries as a percentage of						
gross value added	%	44	40	39	35	32
Ratio of operatives to administrative,						
echnical and clerical employees		1.2	1.2	1.2	1.2	1.1
Nages and salaries per operative	£	5,680	6,501	7,168	7,674	8,068
Nages and salaries per administrative, technical and clerical employee	£	6,751	7,877	8,697	9,605	10,434
Net capital expenditure per head	£	2,035	1,738	2,041	2,294	3,196
Net capital expenditure as a percentage of gross value added	%	15	10	10	9	[.] 11

12

TABLE 7

Regional distribution of employment, net capital expenditure, net output and gross value added at factor cost, 1984 All United Kingdom establishments classified to the industry

Area	Total employmen	t (a)	Net capital expenditure	(b)		Net output (c)		Gross value added at factor cost (
								Tactor Cost ((a) esemplein:
6.0	Thousands	per cent of United Kingdom	£ million	per cen United Kingdo		£ million	per cent of United Kingdom	£ million	per cent of United Kingdom
Standard regions of England		*							
North	1.7	3.4	7. <u>3</u>	4.4		54.1	3.1	43.4	3.0
Yorkshire and Humberside	4.9	9.6	17.6	10.7		142.5	8.2	123.1	8.4
East Midlands	3.2	6.2	6.9	4.2		78.7	4.6	59.6	4.1
East Anglia	1.8	3.5	11.5	7.0		148.6	8.6	138.4	9.5
South East	14.8	28.9	48.0	29.4		564.4	32.6	476.1	32.6
South West	3.0	5.9	8.4	5.1		62.9	3.6	53.1	3.6
West Midlands	2.6	5.2	7.1	4.3		71.7	4.1	55.0	3.8
North West	10.9	21.3	27.4	16.7		356.3	20.6	296.4	20.3
England	43.0	84.0	134.2	82.0		1,479.1	85.5	1,245.2	85.2
Wales	2.6	5.0	23.3	14.2		128.2	7.4	109.5	7.5
Scotland	5.2	10.2	4.5	2.7		113.3	6.6	99.2	6.8
Great Britain	50.8	99.2	161.9	98.9	3.	1,720.7	99.4	1,453.9	99.5
Northern Ireland	0.4	0.8	1.7	1.1		9.9	0.6	7.5	0.5
United Kingdom	51.2	100.0	163.7	100.0		1,730.6	100.0	1,461.5	100.0

(a) Average number employed during the year, including full and part-time employees and working proprietors.

(b) New building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery.

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 of 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. (c)

Output and costs, 1984 All United Kingdom establishments classified to each activity heading within the industry

	Unit	-provention of the	2562		2563		2564	
Enterprises (a)	Num	ber	183	ono conservo	19	employme	65	
Establishments	"		195		19		67	
Sales of goods produced	£mil	lion	343.1		91.2		198.8	
Work done and industrial								
services rendered	per con		10 2010 200		i percent of		2.1	
Capital goods produced for establish- ments' own use	bericki otopin "		United Fingdom		0.3		0.5	
Non-industrial services rendered	"		2.8		18.4 •		0.4	
Goods merchanted or factored	"		45.1		•		31.4	
Total sales and work done	"		395.5		104.0		233.2	
Increase during the year, work in								
progress and goods on hand for sale	** 8.A		4.2		2.2		1.0	
Gross output	"		399.7		106.2		234.2	
Purchases of materials for use in pro- duction, and packaging and fuel	0.95 <i></i>		191.6	48.0	67.0		118.3	
Purchases of goods for merchanting or								
factoring	"		35.9		•		23.3	
Increase during the year, stocks of materials, stores and fuel			2.6		-0.6		6.4	
Cost of industrial services received			5.4		2.8		2.6	
Excise payments etc. (net)	4.5 "		_14.2		0.8.		0.4	
Net output			169,4		25,4		96.2	
Fotal employment	Thous	and	6.8		0.8		3.5	
Net output per head	3.0 £		24,818		33,759		27,822	
Cost of non-industrial services eceived								
Hire of vehicles, plant and machinery	£milli	00						
Rents of industrial and commercial	nelo bos a	elosidev .son	2.5		deltigration disp		1.3	
buildings	116.70 11 .00		1.3		d act <u>m</u> sug in to		0.6	
Commercial insurance premiums	1001e #		1.8		0.3		0.8	
Bank charges	"		0.3		-		0.1	
Other non-industrial services	"		32.9		3.5		17.5	
icensing of motor vehicles	<i></i> ·		0.2		0.0		0.1	
lates, excluding water rates	"		2.8		0.3		1.7	
Gross value added at factor cost	"		127.7		21.3		74.1	
Gross value added at factor cost per head	£		18,705		28,293		21,431	

(a) The count of enterprises shown in each column represents the number of enterprises owning the establishments shown for each activity heading. Because an enterprise may own establishments in more than one activity heading, the sum of the enterprise counts may exceed the total for the industry.

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2565	6	2567		2568	2569	
		2007	2563	Prost Anex	61	
36		400		79	61	
40		454		80	61	
208.2		1,560.8		477.3	88.3	
_		18.2		*	0.4	
0.8		*		*	*	
2.1		5.1 +		1.9	- ⁻ -	
11.7		313.2		349.9	*	
222.9		1,998.5		851.9	94.6	
		17.0		0.3 1.0	10.5	
3.3		17.9		15.7	10.5	
226.2		2,016.4		867.6	105.1	
70.7		869.3		264.9	47.3	
9.2		249.1		226.0	•	
-2.4		7.9		6.6	4.8	lations has know
*		37.5		4.2	*	
		-0.9		_		
133.6		869.3		379.1	57.8	
7.9		26.5		3.7	2.1	
16,935		32,825		101,360	28,068	
				ach activity heading within the		
0.5		8.7		1.4	0.3	
1.4	2564	7.6		0.6	0.2	
1.3		7.2		1.0	0.4	
0.2		1.0		0.1		
13.9		120.0		12.6	5.1	
-		1.8		7.2 9.20	10.0	
1.5		12.1		1.6	0.6	
114.7		710.9		361.8	51.1	
14,540		26,845		96,731	24,827	0b. Value at end of ye

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Capital expenditure, 1984 All United Kingdom establishments classified to each activity heading within the industry

	1 million and an	and	2562		2563	and the second sec	2564	Section of the sectio	1
			चा	100		- drife		-86	
Land and buildings									
New building work			2.7	3433	0.3		2.7		
Land and existing build	ings								
Acquisitions			•		-		*		
Disposals			. •		-				
Net			2.7		0.3		3.6		
Plant and machinery									
Acquisitions			10.6		2.0		8.8		
Disposals			0.3		0.1		0.1		
Net			10.3		1.9		8.7		
Vehicles	106.								
Acquisitions			2.2	in .	0.1		1.2		
Disposals			1.0		-		0.4		
Net			1.2		0.1		0.8		
Total net capital exp	enditure		14.2	-76	2.4		13.0		
Cost of Industries servicis	rsolivers		4.2	3.4		aise		2.6	
			L'OXE						
ABLE 10									

Stocks and work in progress, 1984 All United Kingdom establishments

to each activity heading within the industry

Him of vehicles, plan & Bd.					
Plants of Industrial and Opmingerstal	2562	2563	7.6	2564	5.1
10a. Increase during year					E.1
Materials, stores and fuel	2.6	-0.6		6.4	
Work in progress	8 <u>9</u> 1	0.4		-0.9	
Goods on hand for sale	4.2	1.8	8.	1.9	
Total	6.8	1.6		7.4	
Fund Denim united and feature areas	6.185		25.3		1.10 V
10b. Value at end of year					
Materials, stores and fuel	24.8	5.6		27.1	
Work in progress	3.8	2.1		5.7	
Goods on hand for sale	30.4	6.3		15.4	
Total	59.0	13.9		48.2	

2565		2567	2568
	67,788	. A. 141,198	0.010-948.88
1.8		5.1	0.8
0.5		2.0	0.6
2.9		2.0	8.8 -
-0.6		5.1	1.4
5.7		91.5	12.1
0.1		4.3	0.1
5.6		87.2	12.0
1.0		11.7	1.2
0.3		3.0	0.3
0.7		8.7	0.9
5.7		101.0	14.3

2565	28,008	2567	02,820	2568
	24,827	96,731	26,845	Gapping
-2.4		7.9		6.6
3.2		6.5		1.1
0.1		11.4		14.6
1.0		25.8		22.3
	79.1	B.U	0.1	0.8
14.2		98.5		46.4
19.1		24.4		a 17.1
24.8		115.2		89.8
58.0		238.1		153.3

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		£ million
and the second s	2569	
		Gross autput per head
	1.1	
	0.8	
	e n oti	
	1.9	
	s ti tan	
	0.2	
	0.1	
	0.1	
	13.1	

£ million 2569 -4.8 -0.1 10.6 15.3 10.4 2.5 15.0 27.8

Operating ratios, 1984

All United Kingdom establishments classified to each activity heading within the industry

Unit	2562			2564	River
£	58,559	141,198		67,768	
£	24,818	33,759		27,822	
£	18,705	28,293		21,431	
%	32	20		32	
	6.8	7.6		4.9	
%	46	34		47	
	0.9	2.0		0.7	
£	7,908	8,573		8,750	
£	9,329	11,659		11,119	
£	2,088	3,134		3,764	
%	12 60 11			18	
	£ £ % % £ £ £ £	f 58,559 f 24,818 f 18,705 % 32 6.8 % 46 0.9 f 7,908 f 9,329 f 2,088	f 58,559 141,198 f 24,818 33,759 f 18,705 28,293 % 32 20 6.8 7.6 % 46 34 0.9 2.0 f 7,908 8,573 f 9,329 11,659 f 2,088 3,134	f 58,559 141,198 f 24,818 33,759 f 18,705 28,293 % 32 20 6.8 7.6 % 46 34 0.9 2.0 f 7,908 8,573 f 9,329 11,659 f 2,088 3,134	f58,559141,19867,768f24,81833,75927,822f18,70528,29321,431 $\%$ 3220326.87.64.9 $\%$ 4634470.92.00.7f7,9088,5738,750f9,32911,65911,119f2,0883,1343,764

TABLE 11

Operating ratios, 1984

All United Kingdom establishments classified to each activity heading within the industry

	Unit	2565	2567	2568	2569	
	t to seconderes	To blobbing overse the e	dupry-			
Gross output per head	£	28,684	76,141	231,989	51,086	
Net output per head	£	16,935	32,825	101,360	28,068	
Gross value added per head	£	14,540	26,845	96,731	24,827	
Gross value added as a percentage of						
gross output	%	51	35	42	49	
Ratio of gross output to stocks		3.9	8.5	5.7	3.8	
Wages and salaries as a percentage of						
gross value added	%	54	36	10	31	
Ratio of operatives to administrative,						
technical and clerical employees		3.0	1.0	0.9	1.8	
Wages and salaries per operative	£	7,008	8,491	8,577	7,446	
Wages and salaries per administrative,						
technical and clerical employee	£	10,305	10,657	10,911	8,335	
Net capital expenditure per head	£	727	3,813	3,813	6,345	
Net capital expenditure as a percentage						
of gross value added	%	5	14	4	26	
0.87	•	1012-0 B.00	- tage	X.01.1 14.0		

PA256

CLASSIFIED LIST OF

MANUFACTURING BUSINESSES

In addition to the normal range of Business Monitors the Business Statistics Office produce the Classified List of Manufacturing Businesses (PO 1007) which is compiled from the BSO's Register of manufacturing businesses in the UK. Updated periodically the latest issue is made up of six parts, and contains the names and addresses of some 18,000 manufacturers. The CLMB is based, for the first time, on Divisions 2 to 4 of the 1980 Standard Industrial Classification and reflects the value of sales as reported quarterly by establishments to the BSO.

Further information can be obtained by writing or telephoning:

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