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PA1001

BUSINESS MONITOR

A publication of the Government Statistical Service

Report on the Census of Production 1992

Introductory notes

Presented by the Chancellor of the Exchequer to Parliament in pursuance of the Statistics of Trade Act 1947 (10 & 11 Geo.6 Cha.39 sec 7)

London: HMSO

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D Industry report mock-up

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GENERAL OUTLINE OF THE CENSUS OF PRODUCTION

INTRODUCTION

1. The Report of the 1992 Census of Production is made up of 112 separate Business Monitors in the PA series:

Introductory notes PA 1001 110 Industry Reports PA 111-PA 500 Summary Volume PA 1002

- 2. The Census of Production is conducted by the Central Statistical Office. It is a statutory inquiry carried out for Great Britain under the Statistics of Trade Act 1947 and for Northern Ireland under the Statistics of Trade and Employment (Northern Ireland) Order 1988. Information for both Great Britain and Northern Ireland is included in the Industry Reports and Summary Volume.
- 3. The Census is part of a comprehensive system of industrial statistics which also includes quarterly and annual inquiries into product sales and inquiries at less frequent intervals on purchases.

OBJECTIVES

- 4. The Census is conducted to meet the Statistical Directives of the European Community; and the varied needs of Government. The latter include the provision of weights for the Index of Production and the provision of capital expenditure and stocks data for use in compiling the national accounts.
- 5. The Census is similar to inquiries conducted by other members of the European Community. Information on production is supplied to the Statistical Office of the European Communities (SOEC) under two Directives: 64/475/EEC relating to capital expenditure and 72/221/EEC relating to economic activity data. Information is supplied to the Organisation for Economic Co-operation and Development (OECD) and the United Nations (UN). Results are also of interest to the business community, economic analysts, universities, local authorities and market researchers.

CENSUS PREPARATORY WORK

6. Outline proposals and significant changes in form design or content are agreed in consultation with appropriate bodies and sponsoring government departments for particular industries. There is a statutory obligation on the Central Statistical Office and on the Northern Ireland Department of Economic Development to conduct a Census each year.

INDUSTRIAL CLASSIFICATION

- 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 on commodities produced. A full description of SIC(80) is given in Standard Industrial Classification Revised 1980, obtainable from HMSO price £4.25. Figures for 'All manufacturing industries' on the 1968 classification can be calculated by adding information for Activity Headings 1115, 1200, 1401, 1402 and 1520 to, and deducting information for Activity Headings 2100, 2310, 2330 and 2396 from, information for Divisions 2 to 4 of SIC(80).
- 8. 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 I. The regulation guarantees comparability between national and Community classifications and therefore between

national and Community statistics. Full details of SIC(92) are given in 'Standard Industrial Classification 1992', obtainable from HMSO, price £17.50, reference ISBN 0 11 620551 2.

The first Census to be conducted on the basis of SIC(92) will be that for 1993. Business monitors published in respect of 1993 will contain data for that year only. However, a limited range of 1991 and 1992 data reworked to SIC(92) Section and Sub-Section level will be published as a supplement to the Census Summary Volume (PA1002).

REPORTING UNIT

- 9. 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 of data required for an economic census. Establishments were asked, where possible, to exclude from their returns to the census any non-production activity.
- 10. 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 activities on an establishment basis. Throughout this monitor this mixture of reporting units are referred to as "businesses". These businesses are no longer asked to exclude non-production activities.
- 11. In practice, since most businesses, both before and after the change, reported for the company as a whole, little difference to the main economic series has resulted from the change.
- 12. For most businesses, the returned data are appropriate to a single activity heading of SIC(80) and fall within a single geographical region. Where information covers a mixture of activities, 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 on employment and capital expenditure is sought for each address.
- 13. For construction, coal extraction and manufacture of solid fuels, extraction of mineral oil and natural gas, production and distribution of electricity and gas and water supply industries, the reporting unit need not be a single geographical location and cannot be broken down into local units. Because of this, regional data are not available for these industries.
- 14. For certain tables in the Summary Volume, related businesses are combined to enterprise level. An enterprise is defined as one or more businesses under common ownership or control. Information about relationships between businesses, the changing structure of groups of companies and common ownership links is obtained from various, mainly published sources.

THE REGISTER

15. 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 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 PA 1003 - Size analyses of United Kingdom businesses.

- 16. 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 turnover. 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 making returns to the Quarterly or Annual Sales Inquiries, industrial classification is reviewed annually and is derived from an analysis of their commodity 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.
- 17. The register for construction units is created each year from the Department of the Environment's Builders' Address File of private sector undertakings in Great Britain engaged in construction activities. To this are added undertakings in the public sector (usually the direct labour departments of local authorities) and undertakings in Northern Ireland.

COVERAGE

- 18. The Census covers United Kingdom businesses 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)). Businesses in the Channel Islands and the Isle of Man are excluded.
- 19. Under the sampling arrangements agreed for the 1992 Census, forms were despatched to all businesses with 100 or more employed and, for most production industries, samples of 1 in 4 and 1 in 2 respectively being taken for businesses in the 20 to 49 and 50 to 99 employment size bands. 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 despatched in the United Kingdom for the 1992 Census.
- 20. The increased use of sampling over recent years has led to a fall in the number of forms mailed for successive Censuses. For production industries excluding construction, these fell from 34,000 for 1977 to 15,700 for 1992. For 1989, however, a benchmark census was conducted, resulting in 23,331 forms mailed. For construction industries the number of forms mailed fell from 13,000 for 1977 to 6,100 for 1989 and 3,983 for 1992.

QUESTIONNAIRE

21. Examples of the standard form used for establishments in production industries excluding construction employing 100 or more and employing 20 to 99 are given in Appendices A and B. In the 1991 Census there were 9 other form types for industries like those of water and electricity where the standard range of questions is not appropriate. A copy of the standard form for the construction industries is given in Appendix

COLLECTION OF DATA

- 22. Forms are mailed to each selected business shortly after the end of the year to which the Census relates. Return of the completed forms for the 1992 Census was required by 31 March 1993. Up to four written reminders were sent to non-responders followed if necessary by telex and telephone calls and, for larger persistent non-responders, personal visits. Outstanding cases can be the subject of legal action under Section 4 of the Statistics of Trade Act 1947.
- 23. When the data is entered into the computer, checks are carried out on the credibility of the data and the internal consistency of each return. Any queries which

arise from these checks are investigated and, if necessary, contributors are consulted.

PERIOD COVERED

24. Businesses were asked to make returns for the calendar year 1992 but, where this was not possible, returns for business years ending between 6 April 1992 and 5 April 1993 were accepted. Returns covering fewer than twelve months were accepted for businesses which had started or ceased trading during the year. An analysis of periods covered by returns for the 1992 Census is shown in Table 5 of each Industry Report (except construction (PA500) where the analysis is shown in Table 4) and in Table 9 of the Summary Volume.

ESTIMATION

- 25. All published Census results include estimates for non-responders, unsatisfactory returns and businesses not selected for the Census. Estimates are also made for items not covered on the shorter form sent to smaller businesses.
- 26. 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 non-selected business to yield an estimated value for that business. Estimates for items not collected on the shorter form are made in a similar way using returned employment.
- 27. The accuracy of the totals produced by adding together estimates and returned data is mainly dependant on the level of response. The extent to which businesses making satisfactory returns account for the total employment of any industry is shown as a footnote (a) to Table 1. Thus the accuracy of the data published in an Industry Report where 95 per cent of the employment in the industry is covered by the returns made will, in general, be better than that in an Industry Report where the coverage is only 70 per cent.
- 28. Additionally, the extent to which individual headings in an Industry Report are related to employment should be taken into account in assessing the accuracy of estimated data. 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.

SUPPRESSION OF INFORMATION RELATING TO INDIVIDUAL UNDERTAKINGS $% \left(1\right) =\left(1\right) \left(1$

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

"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 ${\sf Act}$ -

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."

30. 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.

PUBLICATION

- 31. Data obtained from the 1992 Census are being published at both the 3 digit Group level and where possible the 4 digit Activity Heading level of SIC(80) in individual Industry Reports. Each report is prefaced by a brief description of the activity of the industry including any non-standard features and any changes which affect comparability with data for earlier years shown in the report. Each report also includes a list of all the Business Monitors which make up the complete Census Report. The Summary Volume includes information for regions and enterprise analyses. The publication and sale of Business Monitors is arranged by HMSO. (A mockup of the 1992 Industry Reports excluding the notes is given in Appendix D.)
- 32. As in previous Censuses, businesses were asked to state whether or not they were willing to have their names and addresses included in a Directory of Manufacturing Businesses. Further information about the Directory can be obtained from the Central Statistical Office Librarian.

CONGRUENCE WITH QUARTERLY AND ANNUAL SALES INQUIRIES

- 33. As far as possible, figures collected in the Census are congruent with those collected in the Quarterly and Annual Sales Inquiries. There are, however, some differences which are described below.
 - a. If a business changes its reporting structure or the way it keeps its accounts during the year, the change is reflected during the year in the Sales Inquiries. The figures reported to the Census are generally based on the structure of the business at the end of the Census year.
 - b. Because a Census return can be for a business year, it may differ from the aggregation of four quarterly returns making up a calendar year. In some cases figures may be as much as nine months out of phase, but these differences usually cancel out at the industry level.
 - c. The remaining differences are usually of minor significance. For example Sales Inquiry figures do not have to be adjusted for quantity rebates and allowances for returned goods as the value of these may not be known at the time of completion of returns and cannot always be apportioned between the various headings. Their values are, however, reflected in Census returns. No adjustments are made in either inquiry for cash discounts.

INTERPRETATION

- 34. In interpreting Census statistics the following points should be kept in mind:
 - a. Year on year comparisons of census results may be affected by the reclassification of businesses between industries, the removal of businesses no longer in production, the addition of new businesses, and by changes in coverage of the production register.
 - b. To the extent that sales of products of one business incorporate the output of other businesses, total sales figures include an element of duplication.
 - c. Where the turnover of a business arises from receipts for work done or materials supplied by a

- customer, sales of the finished product are not included in that business's return.
- d. Transfers between businesses within an enterprise group are recorded as if they were transfers to or from independent businesses.
- e. Figures for net output and gross value added are adjusted to a factor cost basis by taking account of the net amount of all taxes, duties, levies, subsidies, etc.

CHANGES MADE FOR 1992

35. The 1992 census like that for 1991 was a slimline one. An additional question identifying those businesses with employees with employees engaged in Research and Development work was included and the break down on capital and current costs associated with pollution prevention and solid waste management, introduced for the 1991 census, was retained. As part of the CSO's efforts to reduce the form filling burden on industry, the breakdown of questions on capital expenditure and stocks were excluded. Data for these variables in the 1992 results have been estimated from information collected in the CSO Quarterly Capital Expenditure and Stocks Inquiries.

SYMBOLS USED

- 36. 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

37. 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

38. The notes and definitions given in this section are based on the instructions given to respondents as to the way in which returns were to be completed. In some industries it was necessary to amend or supplement these instructions in order to fit the special circumstances of the particular industry. Where these supplementary instructions effect the basis of the published figures, an explanation is included in the appropriate Industry Report.

CAPITAL EXPENDITURE

39. 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 return related. From 1988 contributors were asked to include the value of assets acquired as lessees under finance leasing arrangements. 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. 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 PRODUCED FOR USE WITHIN THE BUSINESS by its 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.

a. on LAND AND EXISTING BUILDINGS

40. 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 Land Registry fees. The figures for disposals are net of any such professional fees payable.

b. on NEW BUILDING WORK

41. 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

42. 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 USE WITHIN THE BUSINESS

43. 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

44. 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 payments to outworkers and amounts charged to capital account are excluded.

COST OF NON-INDUSTRIAL SERVICES RECEIVED

45. Up to 1987 contributors were asked to include annual payments for assets acquired on a finance leasing basis. From 1988 they were asked to include the total value of such assets as capital expenditure during the year in which they were acquired. The cost of nonindustrial services received 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 and materials and fuel imported are excluded.

EMPLOYERS' NATIONAL INSURANCE CONTRIBUTIONS ETC

46. This includes employers' national insurance contributions under the Social Security Pensions Act 1975, commercial insurance premium 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 dependants. Also included are contributions to canteens, social centres, children's and holiday homes etc. and the cost of supplying luncheon youchers.

FMPI OYMENT

47. This is the 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 casual employees such as jobbers are excluded. The average number of employees returned by individual businesses 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.

a. ADMINISTRATIVE, TECHNICAL AND CLERICAL EMPLOYEES

48. 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

49. 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 included.

c. WORKING PROPRIETORS

50. 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

51. This is calculated by adjusting the value of TOTAL SALES AND WORK DONE by the changes during the year of WORK IN PROGRESS and GOODS ON HAND FOR SALE.

GROSS VALUE ADDED AT FACTOR COST

52. 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 OUTPUT the definition of net output or value added in national accounts statistics.

GROSS VALUE ADDED AT FACTOR COST PER HEAD

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

NET CAPITAL EXPENDITURE

54. 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

55. 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 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

56. This is calculated by dividing NET OUTPUT by total FMPI OVMENT

NON-INDUSTRIAL SERVICES RENDERED

57. 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

58. These ratios are calculated using industry totals, i.e. including the estimates for businesses 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. PURCHASES OF GOODS FOR MERCHANTING OR FACTORING

59. 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 business or given out 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 CAPITAL 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 cif 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 departments.

REMUNERATION PAID TO OUTWORKERS

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

SALES OF GOODS PRODUCED

61. This represents sales of goods during the year, irrespective of whether or not they were produced in the year of return. It also includes sales of goods made from materials given out to other firms 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 includes duty if goods are sold 'duty-paid', but excludes it if they are sold in bond or The cost of packaging materials less exported. allowances for returnable containers is included. Sales of fixed assets 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

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

WAGES AND SALARIES

63. This represents amounts paid during the year to ADMINISTRATIVE, 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

64. This includes amounts charged for work carried out including 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 organisations is also included. 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

65. 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.

STANDARD REGIONS

66. The list below gives the definitions of the standard regions used in regional tables. Metropolitan counties are marked by an *.

South East

Greater London, Bedfordshire, Berkshire, Buckinghamshire, East Sussex, Essex, Hampshire, Hertfordshire, Isle of Wight, Kent, Oxfordshire, Surrey, West Sussex.

East Anglia

Cambridgeshire, Norfolk, Suffolk.

South West

Avon, Cornwall, Devon, Dorset, Gloucestershire, Somerset, Wiltshire.

West Midlands

West Midlands*, Hereford and Worcester, Shropshire, Staffordshire, Warwickshire.

East Midlands

Derbyshire, Leicestershire, Lincolnshire, Northamptonshire, Nottinghamshire.

Yorkshire and Humberside

South Yorkshire*, West Yorkshire*, Humberside, North Yorkshire.

North West

Greater Manchester*, Merseyside*, Cheshire, Lancashire.

North

Tyne & Wear*, Cleveland, Cumbria, Durham, Northumberland.

Wales

Clwyd, Dyfed, Gwent, Gwynedd, Mid Glamorgan, Powys, South Glamorgan, West Glamorgan.

Scotland

Borders, Central, Dumfries and Galloway, Fife, Grampian, Highland, Lothian, Strathclyde, Tayside, and the Orkney Islands, Shetland Islands and the Western Isles.

Northern Ireland

Antrim, Armagh, Belfast CB, Down, Fermanagh, Londonderry, Londonderry CB, Tyrone.

ASSISTED AREAS

67. Assisted areas are areas for which government grants and other help are available. There are two classes of assisted areas: development and intermediate.

Central Statistical Office

PA1001

APPENDIX A

Government Statistical Service

IN CONFIDENCE

Please quote this reference in any

Central Statistical Office Newport Gwent NP9 1XG

Tel: Newport 0633 812695 Telex: 497121/2 BSONPT G Fax: 0633 812949

Please amend the name, address and postcode if necessary.

Compulsory Return Annual Census of Production 1992

Notice under Section 3 of the Statistics of Trade Act 1947

Dear Contributor

We conduct this annual census to obtain up-to-date statistics about the structure and development of industry in the United Kingdom.

The results:

- provide government with essential information used for compiling national accounts, the index of production and other economic indicators;
- enable comparisons of industrial performance to be made with other countries of the European Community and
- are widely used by the business community and markets analysts and are published in the PA series of Business Monitors.

We restrict the number of census forms to the minimum necessary to produce reliable results.

Under the Statistics of Trade Act 1947, it is necessary for you to provide us with the information requested overleaf. This will be treated as confidential as required by the Act. It will not be revealed in published statistics in a way which would enable your company to be identified, or disclosed to any unauthorised person without your consent. Under European Community law applicable in the UK, the information can be passed to the European Community Statistical Office (Eurostat), but Eurostat is equally bound by law to follow the same strict standards in maintaining its confidentiality.

Your return should cover the calendar year 1992. If no figures are available for that period, the return should cover your business year ending between 6 April 1992 and 5 April 1993. If exact figures are not readily available, informed estimates are acceptable.

Please complete and return this form by 31 MARCH 1993 or, if your business year ends after 31 January 1993, within two months of its end.

I enclose notes to help you complete the form. If you need more information, or have any difficulties, my staff will be pleased to help you on the telephone number shown.

Thank you for your co-operation.

Yours faithfully

C J SPILLER Chief Statistician

Business Statistics Division

Production Censuses and Capital Expenditure Branch

IMPORTANT: PLEASE WRITE LEGIBLY AND READ THE ENCLOSED NOTES

a bu		April 1002	to 5 April	1993.						
a DC	usiness year, ending on any date from 6		•				,			
Perio	od covered by the return: from	day	month	year	11	to	day	month	year	12
En	mployment		>					mine to seaso		
	working proprietors (evaluding calculations)							O BRIGADOS	Fried Ack	20
2.1	Working proprietors (excluding salar Administrative, technical and clerical of		(8)						25.18 13.00	
2.2	(including salaried directors)									20
2.3	All other employees (operatives)									20
2.4	Employment in research and deve Was ANYONE within the business co	•	is return e	enoaoed	in resea	irch and	devel	onment w	ork on	
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IMPORTANT: PLEASE WRITE LEGIBLY AND READ THE ENCLOSED NOTES

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9.5	Payments made to other of liquid and solid was	ers for treatme	ent and d	isposal							814

Please tick / the box opposite and sign below to

confirm that you would like an entry in the publication.

APPENDIX A As a contributor to this census, you can have your name, address and industrial classification included, free of charge, in the UK Directory of Manufacturing Businesses which provides a valuable source of information for buyers. (Naturally the statistical information you have given on this form is not revealed).

The Directory is published by the Central Statistical Office and is also available in magnetic tape and diskette versions.

Please tick

Signature		
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Position in business		

Please give details of the person we should contact with any questions about this return

(BLOCK CAPITALS PLEASE)

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Central Statistical Office

PA1001 APPENDIX B

Government Statistical Service

IN CONFIDENCE

Central Statistical Office Newport Gwent NP9 1XG

Newport 0633 812695 497121/2 BSONPT G 0633 812949

Please amend the name, address and postcode if necessary.

Compulsory Return Annual Census of Production 1992 Notice under Section 3 of the Statistics of Trade Act 1947

Dear Contributor

We conduct this annual census to obtain up-to-date statistics about the structure and development of industry in the United Kingdom.

The results:

- provide government with essential information used for compiling national accounts, the index of production and other economic indicators;
- enable comparisons of industrial performance to be made with other countries of the European Community
- are widely used by the business community and markets analysts and are published in the PA series of **Business Monitors**

We restrict the number of census forms to the minimum necessary to produce reliable results.

Under the Statistics of Trade Act 1947, it is necessary for you to provide us with the information requested overleaf. This will be treated as confidential as required by the Act. It will not be revealed in published statistics in a way which would enable your company to be identified, or disclosed to any unauthorised person without your consent. Under European Community law applicable in the UK, the information can be passed to the European Community Statistical Office (Eurostat), but Eurostat is equally bound by law to follow the same strict standards in maintaining its

Your return should cover the calendar year 1992. If no figures are available for that period, the return should cover your business year ending between 6 April 1992 and 5 April 1993. If exact figures are not readily available, informed estimates are acceptable.

Please complete and return this form by 31 MARCH 1993 or, if your business year ends after 31 January 1993, within two months of its end.

I enclose notes to help you complete the form. If you need more information, or have any difficulties, my staff will be pleased to help you on the telephone number shown.

Thank you for your co-operation.

Yours faithfully

C J SPILLER Chief Statistician

Business Statistics Division

Production Censuses and Capital Expenditure Branch

14

IMPORTANT: PLEASE WRITE LEGIBLY AND READ THE ENCLOSED NOTES

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IMPORTANT: PLEASE WRITE LEGIBLY AND READ THE ENCLOSED NOTES

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The Directory is published by the Central Statistical Office and is also available in magnetic tape and diskette versions.

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Please tick \(\square \) the box opposite and sign below to confirm that you would like an entry in the publication.

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Please give details of the person we should contact with any questions about this return

(BLOCK CAPITALS PLEASE)

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Central Statistical Office

APPENDIX C

A compulsory inquiry conducted by the Government Statistical

IN CONFIDENCE

Central Statistical Office Newport Gwent NP9 1XG

Newport 0633 812097 497121 (BSONPT G) 0633 812863/812949

Please amend the name, address and postcode if necessary.

Annual Census of Production 1992 - Construction Industry

Notice under Section 3 of the Statistics of Trade Act 1947

Dear Contributor

We conduct this annual census to obtain up-to-date statistics about the structure and development of industry in the United Kingdom.

The results:

- provide government with essential information used for compiling national accounts, the index of production and other economic indicators;
- enable comparisons of industrial performance to be made with other countries of the European Community and
- are widely used by the business community and market analysts and are published in the PA series of Business Monitors.

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I enclose notes to help you complete the form. If you need more information, or have any difficulties, my staff will be pleased to help you on the telephone number shown.

Thank you for your co-operation.

Yours faithfully

C J Spiller Chief Statistician Business Statistics Division Production Censuses and Capital Expenditure Branch



IMPORTANT: PLEASE WRITE LEGIBLY AND READ THE ENCLOSED NOTES

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IMPORTANT: PLEASE WRITE LEGIBLY AND READ THE ENCLOSED NOTES

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		t of Acquisitions	6.1b Proceeds from £ thousand	
6.1 Total acquisitions/disposals	5	220		230
6.2 Work of a capital nature ca by your own staff and inc	luded in	250	2. State of the same	Cost
6.1 above	ere for all epoplesses sincipal			
Pollution prevention	and solid waste	management		
7.1 Have you incurred any exp on pollution prevention or	penditure within the period solid waste management?	covered by this return		
Please tick appropriate box	Yes 8	41 ₁ No	841 2	
If you have answered "yes" to 7. to these four questions are volun				e answers
				& thousand
Capital expenditure (included	in Section 6)			
7.2 Expenditure on assets used and waste management	for post-construction pollu	tion control	Star oneny	842
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Current costs (included in Section	on 5.3)			
pollution control, treatment	material and operating cost and monitoring and waste	reduction	a solice and the soli	845
	or treatment and disposal of		shad bus the second	843
Please give details o	of the person we	should contact v	vith any gues	tions
about this return.	n han mila salahay sagai		to your hallds	
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Name	Section 20	Name of company	Bank choges	
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PA

BUSINESS MONITOR

A publication of the Government Statistical Service

Report on the Census of Production 1992

Presented by the Chancellor of the Exchequer to Parliament in pursuance of the Statistics of Trade Act 1947 (10 & 11 Geo.6 Cha.39 sec 7)

London: HMSO

BUSINESS MONITORS MAKING UP THE COMPLETE CENSUS REPORT

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	246	Abrasive products	PA419	Bread, biscuits and flour confectionery
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		Basic industrial chemicals	PA422	Animal feeding stuffs
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-	220	machinery	PA466	Articles of cork and plaiting materials, brushes and
	\328	Miscellaneous machinery and mechanical equipment	1 /400	brooms
	\329	Ordnance, small arms and ammunition	DA467	Wooden and upholstered furniture and shop and office
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	A346	Domestic-type electric appliances		laboratories
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The information in this report relates to establishments classified to the industry, Group in the Standard Industrial Classification Revised 1980. The industry Group covers the following Activity Heading:-

For a full description of the 1980 classification see Standard Industrial Classification Revised 1980, obtainable from HMSO, price £4.25.

In interpreting the data in the tables it is essential to bear in mind the notes and definitions which commence on page 4.

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TABLE 1

Output and costs, 1988-1992
All United Kingdom businesses classified to the industry (a)

	Unit	1988	1989	19	990	1991	1992
Enterprises	Number		7111		uurgicat aga	prosol and os	ncomedit
Businesses	11						
	6 177						
ales of goods produced	£million						
lork done and industrial services rendered	"Carried at 1						
apital goods produced for establish- ents' own use	11						
on-industrial services rendered	11						
oods merchanted or factored	**						
	"						
Total sales and work done							
ncrease during the year, work in rogress and goods on hand for sale	"						
Gross output	11						
urchases of materials for use in pro- uction, and packaging and fuel	11						
urchases of goods for merchanting or actoring	11						
ncrease during the year, stocks of aterials, stores and fuel	"						
ost of industrial services received	"						
Net output	The state of the s						
otal employment	Thousand						
Net output per head	£						
ost of non-industrial services receive	ed						
Hire of vehicles, plant and machinery	£million						
Rents of industrial and commercial buildings	11						
Commonoial incurance assertions	11						
Commercial insurance premiums							
Bank charges	"						
Other non-industrial services	"						
icensing of motor vehicles	11						
ates, excluding water rates	п						
, , , , , , , , , , , , , , , , , , , ,							
Gross value added at factor cost	"						

⁽a) Satisfactory returns accounted for per cent of employment within the industry in 1992.

т	A	RI	2

Capital expenditure, 1988-1992 All United Kingdom businesses classified to the industry

£million

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and and buildings		1988	1989	1990	1991	1992
New building work Land and existing buildings Acquisitions						
Disposals Net						
Acquisitions Disposals						
Net chicles						
Acquisitions disposals						

TABLE 3

Stocks and work in progress, 1988-1992 All United Kingdom businesses classified to the industry

£million

1988	1989	1990	1991	1992	Value at end of 1992
		Increase	during year		

Materials, stores and fuel

Work in progress

Goods on hand for sale

Total

TABLE 4

APPENDIX D

Employment, labour costs, output, net capital expenditure and stocks and work in progress by size of total employment, 1992
All United Kingdom businesses classified to the industry (a)

Size group	Busin- esses	Enter- prises	Employment			Wages and	salaries ((c)	
		(b)						2	asthillud bas bas.
			Total, including working proprietors	Opera- tives	Admin- istrative, technical and clerical	Operatives		technica	trative, al and clerical
						-		-	Acquisitions
Page 1						Total	per head	Total	per head
	Number	Number	Thousand	Thousand	Thousand	£ million	£	£ millio	on does fine does

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Total sales and work done	Gross output	Net Output		Gross value added at factor cost		Net capital expenditure	Total stocks and work in progress at end of year
		Total	per head	Total	per head		
£ million	£ million	£ million	£	£ million	£	£ million	£ million

⁽a) Businesses employing fewer than 20 persons are not required to complete census returns. Because of this, data for these businesses 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 businesses shown in each size group. Because an enterprise may own businesses 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 £ million. The remuneration of outworkers on returns received - also excluded from the table - was £ thousand.

employment

1992 6-30	April	3800 100	rois?		enot
1332 0 30	May June July				
	August September				
	October November December				
1993	January February March-5 April				

TABLE 6 Operating ratios, 1988-1992 All United Kingdom business classified to the industry

	Unit	1988	1989	1990	1991	1992
Gross output per head	£					
let 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						
Wages and salaries per operative	£					
Wages and salaries per administrative, technical and clerical employee	£					
Net capital expenditure per head (a)	£					

TABLE 7

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Regional distribution of employment, net capital expenditure, net output and gross value added at factor cost, 1992 All United Kingdom businesses classified to the industry

Area Total employment(a)		Net capital expenditure (b)		Net output (c)		Gross value added at factor cost (c)		
Account to the second	Thousands	per cent of United Kingdom	£million	per cent of United Kingdom	£million	per cent of United Kingdom	£million	per cent of United Kingdom
0								
Standard regions of England								
legita (rom								
Yorkshire and Humberside								
East Midlands								
East Anglia								
South East								
South West West Midlands								
North West	ul agrades				č u	na gardasi	ads for weret	irchases of go
England								
Wales								
Scotland								
0					augit			nemyoloms lish
Great Britain								
Northern Ireland						280	ivine fergiau	et de tenetadi bevie
United Kingdom						ь	oles, plant an	office to entit

- (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.
- (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 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.

Output and costs, 1992
All United Kingdom businesses classified to each activity heading within the industry

	Unit			
Enterprises	Number			
Businesses	11			
Sales of goods produced	£million			
Work done and industrial services rendered	"			
Capital goods produced for estab- lishments' own use	ш			
Non-industrial services rendered	"			
Goods merchanted or factored	11			
Total sales and work done	"			
Increase during the year, work in progress and goods on hand for sale	"			
Gross output	11			
Purchases of materials for use in pro-	. "			
duction, and packaging and fuel				
Purchases of goods for merchanting or factoring	11			
Increase during the year, stocks of materials, stores and fuel	11			
Cost of industrial services received	"			
Net output	11			
Total employment	Thous			
Net output per head	£			
Cost of non-industrial services received				
Hire of vehicles, plant and	6 :11:			
machinery	£million			
Rents of industrial and commercial buildings	office parties			
Commercial insurance premiums	atallytes na			
Bank charges	dr " 593800			
Other non-industrial services	11			
Licensing of motor vehicles	11			
Rates, excluding water rates	"			
Gross value added at factor cost	"			
Gross value added at factor cost				
per head	£			

APPENDIX D TABLE 9 Capital expenditure, 1992 All United Kingdom businesses classified to each activity heading within the industry £million

Land and buildings New building work Land and existing buildings Acquisitions Disposals Net Plant and machinery Acquisitions Disposals Net Vehicles Acquisitions Disposals Net Total net capital expenditure

TABLE 10

Stocks and work in progress, 1992 All United Kingdom businesses classified to each activity heading within the industry

£million

10a. Increase during year materials, stores and fuel Work in progress Goods on hand for sale

Total

10b. Value at end of year Materials, stores and fuel Work in progress goods on hand for sale Total

TABLE 11

APPENDIX D

Operating ratios, 1992 All United Kingdom businesses classified to each Activity Heading within the industry

	Unit	agerblind and buildings
Gross output per head	£	
Net output per head	£	
Gross value added per head	£	
Gross value added as a percentage		
of gross output	%	
Ratio of gross output to stocks		
Wages and salaries as a percentage gross value added	ge of %	
Ratio of operative to administratechnical and clerical employees	tive,	
Wages and salaries per operative	£	
Wages and salaries per administratechnical and clerical employee	ative,	
Net capital expenditure per had ((a) £	
Net capital expenditure as a perc		
of gross value added (a)	%	



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