



1)



PA 1001

STATS. R. RM.

42(HA251)

2. 42 STATISTICS  
PACK - UP  
R234

1980

Business Statistics Office

465/6

# Business Monitor

## Report on the Census of Production

### Introductory notes

BRITISH LIBRARY  
- 7 JUN 1982  
OF POLITICAL AND  
ECONOMIC SCIENCE

HMSO



A publication of the Government Statistical Service

### PRICE INCREASES

Prices of Business Monitors have been increased to make some contribution for the first time to the costs incurred at the Business Statistics Office in the preparation of the Monitors.

### SPECIAL NOTE FOR PURCHASERS

Reports on the Census of Production for separate industries are being published in the Business Monitor series. These monitors have a code P (for production) followed by A (indicating an annual series) and then by a number indicating the industry covered by the report.

Commencing with the 1980 census the first Annual Census of Production to be conducted on the Standard Industrial Classification (Revised 1980), separate reports will in general appear for each 3 Digit Group of the new classification. Reports on the Census of Production for years previous to 1980 will be available at the minimum list heading, or sub division of a minimum list heading, of the Standard Industrial Classification (Revised 1968).

The Census of Production (PA) reports are available on standing order from HMSO, PO Box 569, London, SE1 9NH, Tel No: 01-928-6977. A standing order ensures that selected titles in the annual series are supplied automatically on publication. A £20 deposit will open an account.

Additionally single copies of the reports can be obtained from HMSO Bookshops and are individually priced.

### GOVERNMENT STATISTICAL SERVICE

A service of statistical information and advice is provided to the Government by specialist staffs employed in the statistics division of individual Departments. Statistics are made generally available through their publications and further information and advice on them can be obtained from the Departments concerned.

Enquiries:—

Business Statistics Office  
Cardiff Road  
Newport  
Gwent  
NPT 1XG

Tel: Newport 56111 (STD Code 0633) Ext 2455  
Telex 497121 Answer Back BSONPTG

# PA1001

# Business Monitor

A publication of the Government Statistical Service

## Report on the Census of Production 1980

### Introductory notes

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

Department of Industry  
Business Statistics Office

London: Her Majesty's Stationery Office

## I. GENERAL OUTLINE OF THE CENSUS OF PRODUCTION

	Page	Paragraph
Introduction	3	1-3
Objectives	3	4-6
Burden of form filling	3	7
Industrial Classification	3	8
Statistical unit	3	9-11
The Register	4	12-13
Coverage	4	15-17
Period covered	4	18
Changes compared with 1979	4	19-20
Census preparatory work	4	21
Questionnaire	4	22
Collection of data	4	23-24
Estimation	4-5	25-26
Aggregation	5	27
Suppression of information relating to individual undertakings	5	28-29
Publication of reports	5	30-31
Symbols used	5	32
Rounding of figures	5	33
Interpretation	5	34
Congruence with quarterly inquiries	5-6	35
<b>II. EXPLANATION OF TERMS USED IN THE CENSUS REPORT</b>	7-9	36-63
<b>APPENDIX</b>		
A Statistical Tables to be Published	10-14	
B List of Industry Reports	15-18	
C Members of the Advisory Committee	19	
D The Census of Production (1980) (Returns and Exempted Persons) Order 1979	20	
E Specimen Census Form PA920	21-24	
F Specimen Census Form PA922	25-28	

## I. GENERAL OUTLINE OF THE CENSUS OF PRODUCTION

## INTRODUCTION

1. The report on the Census of Production for 1980 is expected to cover 114 separate Business Monitors in the PA series:

Introductory notes	PA1001
112 Industry Monitors	PA111-PA500
Summary tables	PA1002

For the construction industry the special notes included in PA500 should be consulted.

2. Censuses of Production are taken annually for Great Britain by the Department of Industry's Business Statistics Office (BSO) under the Statistics of Trade Act, 1947, and for Northern Ireland by the Department of Commerce Belfast, under the Statistics of Trade (Northern Ireland) Act, 1949. The information collected separately for Northern Ireland is included in the United Kingdom totals published in Business Monitors.

3. The Census of Production forms part of a system of industrial statistics that also includes selected monthly inquiries, quarterly inquiries into detailed product sales and less frequent inquiries into detailed purchases. The 1980 census is the first to be conducted on the Standard Industrial Classification (SIC) Revised 1980.

## OBJECTIVES

4. The census is conducted primarily to meet the statistical needs of Government, including the provision of capital formation and stocks data for use in compiling national accounts, weights for construction of the index of production and wholesale price index, and information on industrial structure for use in assessing a variety of policy issues.

5. The Census for 1980 is in line with similar inquiries being conducted in other member countries of the European Community. The co-ordination of these annual inquiries into industrial activity is achieved by a directive (72/221) of the Council of European Communities. Results are provided to the Statistical Office of the European Communities on the General Industrial Classification of Economic Activities within the European Communities (NACE). Data from the censuses of production are also used in the United Kingdom to meet the requirement of an earlier EEC directive (64/475) on capital expenditure.

6. Census results also provide valuable information for use by the business community, local authorities and the universities.

## BURDEN OF FORM FILLING

7. Proposals for all Government statistical inquiries are scrutinised to ensure that it is necessary to seek the information and that it is sought in an economic manner. The Survey Control Unit of the Central Statistical Office considers all proposals for new statistical inquiries and any changes in existing inquiries. The burden of form filling associated with the census has been kept to a minimum by the exclusion of all small units, the use of a shortened version of the census form for medium size units, the acceptance of estimates where exact figures are not readily available, and the introduction of sampling methods. The increased use of sampling over recent years has resulted in a fall in total numbers of forms mailed from 34,000 for 1977 to 28,600 for 1978, 26,200 for 1979 and 19,000 for 1980. For details relating to the 1980 sampling arrangements see para 16. The subjects to be covered for the censuses were decided after consultation with the Production Statistics Advisory Committee (para 21).

## INDUSTRIAL CLASSIFICATION

8. The 1980 census is the first being conducted on the SIC (Revised 1980). The United Kingdom SIC was first issued in 1948 and revised in 1958, 1968 and 1980. It exists to promote uniformity and comparability in the official statistics of the United Kingdom. Prior to the 1980 revision the general principles followed were those of the International Standard Industrial Classification of all Economic Activities of the United Nations Statistical Office but for the 1980 revision an attempt was made to align the United Kingdom classification as closely as practicable with NACE, the classification in use by the Statistical Office of the European Community. The SIC is a classification by activity and not a commodity classification.

## STATISTICAL UNIT

9. The statistical unit for the purpose of the census is the establishment, which is defined in the SIC as the smallest unit which can provide the information normally required for an economic census, for example, employment, expenses, turnover and capital formation. Usually the principal activities carried on in an establishment fall within a single heading of the classification (e.g. steel making or sugar refining). Typically the establishment embraces all the activities carried on at a single address e.g. a mine or factory, including those which are ancillary to the principal activities. Frequently distinct activities characteristic of different industries are carried on at one address, but normally these are not classified separately and the whole establishment is classified according to the main activity. If, however, the required range of data can be provided for each activity, each is taken to constitute a separate establishment. Sometimes activities which are conducted as a single business are carried on at a number of addresses. Where this is so, businesses are asked to provide the full range of information in respect of each address, whether or not the activities are different. Their activities may, however, be intergrated to such an extent that they constitute a single establishment. In the latter case the establishment is defined to cover the combined activities at these addresses (termed local units). Separate figures of employment and net capital expenditure are obtained for each local unit in order to compile regional tables. Efforts are made by the BSO to ensure, by negotiating with respondents, that the return from an establishment does not cover local units in more than one of the countries of the United Kingdom.

10. Establishments are asked to exclude from their returns particulars relating to any department not engaged in production e.g. merchandising, transport or warehousing, for which they keep a separate set of accounts. Transfers of goods produced to such departments are treated as sales and respondents are asked to value them as far as possible as if sold to an independent purchaser. Where separate accounts are not kept, responders are asked to include details of all these activities in their return. Particulars relating to head offices mainly engaged in the administration of the production units within the scope of the census are included. Where more than one return is made the information in respect of the head office is apportioned among them.

11. For certain purposes in the censuses of production (e.g. for disclosure testing and the preparation of the enterprise analyses shown in Business Monitor PA1002) related establishments are combined to enterprise level. An enterprise group is defined as a business consisting of either a single establishment or two or more establishments under common ownership or control. Information about relationships between establishments, the changing structure of groups of companies and about common ownership links is obtained from many sources, including the Stock Exchange Year Book, company reports, press reports, and information supplied by individual establishments.

## THE REGISTER

12. A computerised register of about 120,000 production units throughout the United Kingdom is held in the BSO. This register provides the basis for a wide range of BSO inquiries mailed to the production sector. For each production unit the register contains identification particulars and information about a unit's eligibility for inclusion in an inquiry; its relationship with other units in common ownership; industrial classification; nationality of parent company if foreign owned and location indicators permitting regional analyses. Regional and size analyses of manufacturing local units are published each year in Business Monitor PA1003 (Analyses of United Kingdom Manufacturing (local) units by employment size).

13. The inquiries provide a major source of information for keeping the register continuously up-to-date and act as a check on its structure. For the establishments on the register making returns to the quarterly inquiries into manufacturers' sales, industrial classification is derived from an analysis of their commodity sales and is reviewed annually. For any other establishments for which no up-to-date information was available classification to SIC Revised 1980 was made on a pro-rata basis in line with the reclassification pattern by industry of establishments for which actual product sales data was held. Employment data are entered on the register from the quarterly inquiries and the censuses of production. Where establishments do not make a return to these inquiries the employment data are based on information provided by the Department of Employment from censuses of employment.

14. New additions to the register are obtained from various sources including Value Added Tax records, the Census of Employment and register proving forms.

## COVERAGE

15. The census covers United Kingdom establishments engaged in production and construction industries (Divisions 1 to 5 of the SIC (Revised 1980)). The Channel Islands and the Isle of Man are excluded.

16. Under the sampling arrangements agreed for the 1980 census, forms were despatched to samples of 1 in 4 and 1 in 2 for the 20 to 49 and 50 to 99 employment size bands respectively for most production industries. For a limited number of production industries, where there were very few units in the sample size bands, all establishments with employment of 20 or more were included. Units employing fewer than 20 continued to be exempt from selection. All units employing 100 or more were subject to a full coverage. The total number of forms mailed was 18,965.

17. In the construction industry all undertakings employing 50 or more were selected. The 1 in 2 sample for undertakings with 20 to 49 employees introduced for the 1979 census was repeated, but the 5 per cent sample of undertakings with fewer than 20 employees was discontinued. This resulted in a reduction in the number of forms sent out to 6,500, which is about one half of the average mailed for the years up to 1978.

## PERIOD COVERED

18. Establishments were asked to make returns in respect of the calendar year 1980 but, where this was not possible, a return for a business year ending between 6 April 1980 to 5 April 1981 was accepted. An analysis of periods covered for 1980 is shown in Table 5 in each industry monitor and in Table 8 of the Summary Volume (Business Monitor PA1002). Returns covering less than twelve months were accepted in those cases where businesses had started or ceased trading during the year.

## CHANGES COMPARED WITH 1979

19. The 1980 census differed from the 1979 in three main respects. Questions relating to standard cost stocks and road transport costs were removed from the questionnaire. Motor cars have been separately identified in the capital expenditure questions in order to assist in the 1980 rebasing of national accounts. Sampling arrangements were extended as detailed in para 16.

20. There are also two major changes in the presentation of census results. Publication of the Business Monitor PA1000 showing provisional results has been discontinued, and industry reports are being issued, wherever possible, for each 3 digit group of the SIC Revised 1980. A limited range of information for most 4 digit Activity Headings is published in the Summary Volume (PA1002). Regional results are restricted to 2 digit Class level, and appear only in the Summary Volume.

## CENSUS PREPARATORY WORK

21. Outline proposals for each census are considered by the Production Statistics Advisory Committee, a body appointed under the Statistics of Trade Act, 1947, which includes members from industry, the trade unions, the accountancy profession, universities and the public services. A list of these members is given in Appendix C. Changes in the form design or contents are agreed in consultation with the Survey Control Unit of the Central Statistical Office, Scottish Office, Welsh Office, Department of Commerce, Northern Ireland and sponsoring Government Departments for particular industries e.g. Ministry of Agriculture, Fisheries and Food. Legal authority for conducting the inquiry must be obtained in the form of a Statutory Order signed by the Secretary of State for Industry (Appendix D).

## QUESTIONNAIRE

22. Examples of the standard form type used for establishments employing 100 or more (PA920) and under 100 (PA922) appear as Appendices E and F. Minor variations in the range of information requested apply for certain industries e.g. coal mining, process plant contractors and the electricity and gas industries.

## COLLECTION OF DATA

23. Questionnaires are mailed to each selected establishment shortly after the end of the year to which the census relates. For the 1980 census, return of the completed forms was required not later than 5 July 1981. Reminder action takes the form of reminder letters, phone calls, telex reminders and visits. Outstanding cases may then be the subject of legal action under Section 4 of the Statistics of Trade Act, 1947.

24. Returns are given preliminary clerical scrutiny to ensure that the information is sufficiently clear and complete for computer processing. In the course of processing subsequent checks by the computer include those for completeness of the return, the credibility of the figures and the internal consistency of the return. Information which fails the tests is printed out for clerical checking. Any queries which may have arisen as a result of desk examination are investigated and resolved — in consultation if necessary with contributors.

## ESTIMATION

25. All published census results (described in para 1) includes estimates for non-respondents, 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.

26. For employment size groups in each industry, the computer estimation system calculates ratios of totals returned to total returned employment, thus deriving "average per head" values for each census variable. The products of these ratios and the last known employment of each non-responding or unselected establishment yield estimated values for that establishment. Estimates for items not collected on the shorter form are made in a similar way using returned employment. The end result of the estimation process is a data file containing separate estimates for each variable in respect of all production establishments. For a limited range of variables, estimates are also made in respect of local units of multi-unit establishments.

## AGGREGATION

27. Tables appearing in each industry report are based on the aggregation of establishment values held in the data file. Summary Volume (PA1002) tables show aggregates based on establishment data, enterprise data and local unit data.

## SUPPRESSION OF INFORMATION RELATING TO INDIVIDUAL UNDERTAKINGS

28. Subsection 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 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."

29. Where the publication of any figure is likely to disclose particulars relating to an individual undertaking, either the contributor is approached to seek consent for publication or the figure is suppressed. Where convenient, suppression takes the form of combining the disclosive figure with adjacent cells. Steps are also taken to avoid the release of figures which may lead to disclosure by deduction when compared with other census results.

## PUBLICATION OF REPORTS

30. A Business Monitor is published in respect of each industry separately distinguished in the 1980 census. For the 1980 census around 112 monitors covering separate industries are being published. Each industry monitor is prefaced by a brief description of the activity of the industry and, where necessary, an account is given of any non-standard features and any changes which affect comparability between the years 1979 and 1980. Each industry monitor includes notes on interpreting the census figures and also a list of all the Business Monitors which form the complete Census Report. Business Monitor PA1002 summarises information contained in the industry monitors at establishment level, together with enterprise analyses. The publication and sale of the Business Monitors is arranged by Her Majesty's Stationery Office.

31. As in previous censuses, respondents were asked to state whether or not they were willing to have the name and address of the business included in a Classified List of Businesses. The consents given to date have permitted the preparation of a Classified List of Manufacturing Businesses. Further information about the List may be obtained from the Librarian, Business Statistics Office, Telephone Newport (0633) 56111, Ext 2973.

## SYMBOLS USED

32. The following symbols are used throughout the PA series of Business Monitors;

... 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  
 R revised

## ROUNDING OF FIGURES

33. Figures in the tables have, where necessary, been rounded to the nearest final digit. Where figures have been so rounded, the sum of the constituent items may not always agree exactly with the total shown.

## INTERPRETATION

34. In interpreting census statistics the following points should be kept in mind:

- Year on year comparisons of census results may be affected by the reclassification of units between industries, the removal of units no longer in production, the addition of new units, and by improvements in coverage of the production register.
- To the extent that sales of products of one establishment incorporate the output of other establishments, total sales figures include an element of duplication.
- Census results exclude establishments where predominant activity is outside manufacturing unless they kept separate accounts covering their manufacturing activity. Where the turnover of a manufacturer arises from receipts for "work done on materials supplied by a customer", sales of the finished product are not included in that manufacturer's return.
- Transfers between establishments within an enterprise group are recorded in the same way as sales to an independent purchaser.
- Figures for net output and gross value added are adjusted to a factor cost basis by deducting the net amount of all taxes, duties, levies, subsidies, etc.

## CONGRUENCE WITH QUARTERLY INQUIRIES

35. As far as possible the figures collected from individual establishments in the annual censuses are congruent with those collected in the quarterly inquiries into manufacturers' sales (see Guide to short term statistics of manufacturers' sales, in the Business Monitor series (PQ1001)). There are, however, some differences which are described below:

- The results of the quarterly inquiries into manufacturers' sales will not adopt the Standard Industrial Classification (Revised 1980) until the first quarter of 1983.

b. If a change in the reporting structure of a company or in the way it keeps its accounts occurs during the year, this change is reflected during that year by the quarterly inquiries. The figures reported to the annual census for the whole year are generally based on the structure of the company at the end of the year.

c. Because annual returns can be accepted from establishments for their business year, they may differ from aggregation of four quarterly returns for a calendar year. Although in some cases figures for individual establishments may be up to 9 months out of phase, these differences usually tend to cancel out at industry level. There can also be differences between the information establishments provide quickly for the quarterly inquiries and the information for the annual census which often comes from audited accounts.

d. There are three other differences, usually of a minor nature. Firstly, canteen takings are excluded from the quarterly inquiries but they are collected in the annual census of production. Secondly, quarterly inquiry sales figures do not have to be adjusted for cash discounts, quantity rebates and allowances for returned goods, as these may not be known at the time of completion of the questionnaire and cannot always be apportioned between the various headings. They are, however, reflected in the annual census figures. Thirdly, more small firms are exempt from the quarterly inquiries than from the annual census.

## II. EXPLANATION OF TERMS USED IN THE CENSUS REPORT

36. The notes and definitions given in this section are mainly based on the general instructions given to respondents as to the way in which returns were to be completed. In some industries it was found necessary to amend or supplement the general instructions in order to fit the special circumstances of the particular industry. Where these supplementary instructions affect the basis of the figures returned, a note of explanation is included in the report of the industry concerned.

### CAPITAL EXPENDITURE

37. Capital expenditure during the year in respect of production units where production had not started before the end of the year is included. Establishments were asked not to deduct from the value of capital expenditure amounts received or expected to be received in grants or allowances from the Government or any statutory body or local authority. Establishments with 100 or more employees were asked to include a total net capital expenditure figure for the calendar year.

#### a. New building work

This represents the cost incurred during the year of new building and other constructional work to be used in connection with the business covered by the return. The value is that charged to capital account during the year of return; it includes expenditure on new buildings and on the extension or reconstruction of old buildings, the value of works of a capital nature carried out by the establishments own staff and the cost of any newly constructed buildings purchased. Figures shown include legal charges, stamp duties, agents commissions, etc.

#### b. Land and existing buildings

The items shown are the capital cost of freeholds purchased and the capital cost or premium payable for leasehold acquired (excluding the value of assets acquired in taking over an existing business), and the amounts receivable for freeholds or leaseholds disposed of. The value is that charged to capital account during the year of return.

#### c. Plant, machinery and vehicles

The items shown are the value of plant and machinery and of vehicles acquired both new and second-hand, and the amount received for items disposed of during the year. The value of plant and machinery acquired includes plant, etc. which firms produced for their own use in connection with the business covered by the return. The value of plant, etc. acquired is the expenditure charged to capital account during the year of return less any discounts received, but including the cost of transport and installation. Deductible value added tax is excluded but non-deductible value added tax on motor cars acquired and Customs and Excise car tax are included. No deduction is made for depreciation, amortization or obsolescence. The proceeds of items disposed of during the year exclude amounts written-off for items scrapped.

### CAPITAL GOODS PRODUCED FOR AN ESTABLISHMENT'S OWN USE

38. This includes all work of a capital nature carried out during the year by the establishment's own staff for their own use.

### COST OF INDUSTRIAL SERVICES

39. This includes amounts payable to other firms for work done on materials supplied by the establishment, payments for repairs and maintenance (including those in respect of rented buildings) and amounts paid to other firms for contracts which have been sublet. Payments to outworkers are excluded.

### COST OF NON-INDUSTRIAL SERVICES

40. This includes rents of industrial and commercial buildings, hire of plant, machinery and vehicles (excluding vehicles hired with drivers), commercial insurance premiums, bank charges and amounts paid for professional services, post office services, transport (within the United Kingdom), advertising, etc. Amounts payable on royalties for the right to use patents, trademarks, copyrights etc., manufacturing and quarrying rights and technical "know-how" are also included.

### EMPLOYMENT:

#### AVERAGE NUMBER EMPLOYED

41. Establishments were required to state the average number of persons on the pay roll during the year of return. Separate figures were required for:

- administrative, technical and clerical employees
- all other employees (operatives)

Averages could be calculated from the figures relating to the last week of each calendar month. Establishments were also required to state the number of working proprietors where appropriate and these are included in total employment figures. Full-time and part-time employees are included but outworkers (i.e. persons employed by establishments who worked in their own homes, etc. on materials supplied by the establishment) are excluded. The figures include persons engaged on merchanting or factoring and canteen workers where particulars in respect of these activities could not be excluded from the return.

#### WORKING PROPRIETORS

42. These include all persons regarded as "self-employed" for national insurance purposes and members of their families who work in the business without receiving a wage or salary; but such persons who work less than half the normal number of working hours are excluded. Directors working in the business but not in receipt of a definite wage, salary, or commission are included under this heading: directors paid by fee only are not included.

#### EMPLOYEES

43. Administrative, technical and clerical employees include directors in receipt of a definite wage, salary, or commission; managers and works foremen; research and design employees (other than operatives); draughtsmen, editorial staff, advertising staff, travellers and all office employees.

44. Operatives include all other classes of employees, that is, broadly speaking, all manual wage earners. They include operatives employed in power stations, inspectors, maintenance workers and cleaners. Staff engaged in transport (including roundsmen), or employed in warehouses, stores, shops and canteens, should be included only where separate accounts are not kept. Operatives engaged in outside work of erecting, fitting, etc. are also included, but outworkers are excluded.

#### EMPLOYERS' INSURANCE AND WELFARE CONTRIBUTIONS

45. This item includes employers' contributions to national insurance under the Social Security Pensions Act, 1975, as well as commercial insurance premiums to provide pensions, superannuation or other retirement benefits, sickness benefits, personal accident benefits, disability or death benefits for employees or former employees or their dependants.

46. Contributions to the running costs of canteens, social centres, children's and holiday homes, etc. for employees, former employees and their dependants are also included.

**GROSS OUTPUT**

47. In the calculation of gross output the value of total sales and work done is increased by the rise (or reduced by the fall) during the year in the value of work in progress and goods on hand for sale.

**GROSS VALUE ADDED AT FACTOR COST**

48. Gross value added at factor cost is calculated by deducting from net output the cost of non-industrial services e.g. rent of buildings, hire of plant, machinery and vehicles (excluding vehicles hired with drivers), commercial insurance premiums, bank charges and amounts paid for professional services, post office services, transport (within the United Kingdom) and advertising, rates (excluding water rates) and the cost of licensing motor vehicles. This estimate of gross value added approaches more closely than census net output to the definition of net output or value added in national accounts statistics.

**GROSS VALUE ADDED AT FACTOR COST PER HEAD**

49. The figures of gross value added at factor cost per head are derived by dividing the gross value added by the average number of persons employed (full and part-time) on all activities covered by the returns, including operatives, administrative, technical and clerical employees and working proprietors, but excluding outworkers.

**NET OUTPUT**

50. Net output, a customary census measure, is calculated by deducting from gross output the cost of purchases (reduced by the rise, or increased by the fall, during the year of stocks of materials, etc.), the cost of industrial services received and, where applicable, duties, etc.

**NET OUTPUT PER HEAD**

51. The figures of net output per head are derived by dividing the net output by the average number of persons employed (full and part-time) on all activities covered by the returns, including operatives, administrative, technical and clerical employees and working proprietors, but excluding outworkers.

**NON-INDUSTRIAL SERVICES RENDERED**

52. This includes rents received for commercial and industrial buildings, amounts charged for hiring out plant, machinery and vehicles and other goods and amounts charged to other organisations for the provision of transport. It also includes amounts received for the right to use patents, trademarks, copyrights etc., manufacturing and quarrying rights and technical "know-how" and revenue from such staff facilities as canteens.

**OPERATING RATIOS**

53. The operating ratios shown are obtained by dividing the estimate of the industry total for the quantity shown in the numerator by the corresponding estimate for the quantity shown in the denominator. These estimates cover all establishments classified to each industry, including establishments not selected and non-respondents. Within an industry, it is possible to compare ratios for an individual firm with the ratios shown for the relevant industry. However, it is important to bear in mind that various factors may affect the results e.g. differences in definitions, treatment of depreciation (which is not identified in the census data) and varying practice with regard to stock valuation, may affect comparability in some respects.

**PURCHASES**

54. Purchases include the cost of raw materials, components, semi-manufactured goods and workshop materials; of replacement parts and consumable tools not charged to capital account; of packaging materials of all types; of stationery and printed matter; of fuel, electricity and water; of materials of all types to be used by the establishment or given out to other establishments for the production of machinery or other capital items for the establishment's own use; of materials for use by the establishment when working on goods supplied by customers; and of food, etc. for any canteen covered by the establishment's return. Transfers of goods to the establishment from another department of the same firm not covered by the establishment's return are included at a cost corresponding to the estimated selling value recorded by the other departments. Amounts payable to transport firms or credited to the firm's own transport department for delivery of materials are excluded, as are all purchases of machinery and plant charged to capital account. Purchases of goods for merchanting or factoring have been collected separately since 1973. The values shown exclude VAT. They include, in addition to the actual purchase price, the value of packaging material charged to the establishment. The value of returned goods or packaging material returned to the suppliers and any trade discounts are excluded. Materials purchased duty-paid are included at their duty-paid value, less any drawback, rebate, etc. The cost of transport is included only if it is included with the purchase price in the firm's accounts. Imported goods are included at their full delivered cost. If in the firm's accounts the transport from docks or airport is not included in the cost of goods purchased, the cost is entered at c.i.f. plus duty (if applicable).

**RECEIPTS FOR WORK DONE AND INDUSTRIAL SERVICES RENDERED**

55. Figures for work done represent the amount charged for work carried out on materials supplied by a customer and include repair work. Within certain industries this heading covers a wide variety of activities, for example, within the food sector — butter packed on commission; within the textile industries — making up of garments, fur dressing and textile finishing; within printing and publishing — preparatory work on type-setting, block making and binding. Work done is also significant in the electrical machinery and heavy engineering industries, covering erection, installation and repair and jobbing work. Other activities within this heading include exploration work, research and development, glass-cutting and dressing and planing of timber.

56. Industrial services rendered include repairs and maintenance, installation work, and technical research and studies for other organisations.

**REMUNERATION PAID TO OUTWORKERS**

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

**SALES OF GOODS PRODUCED**

58. Sales for the purposes of the annual censuses means deliveries on sale of goods made by establishments in the United Kingdom covered by the inquiry. Sales of goods made for these establishments from materials given out to them and sales of waste products are included. Forward sales and canteen takings are excluded. All sales in the period of the inquiry are included irrespective of when the goods were manufactured.

59. Goods produced in one establishment and transferred either to ancillary departments not engaged in production for which there are separate accounts, or to another establishment of the same firm not covered by the return, are treated as sales by the producing establishment and valued as far as possible as if they had been sold to an independent purchaser. Goods transferred to wholesale or retail selling organisations, for which separate accounts are kept, are valued on the same basis.

60. The value shown for sales is the "net selling value" defined as the amount (excluding VAT) charged to customers, whether on an ex-works or delivered basis, after any trade discounts and agents' commissions have been deducted. The cost of packing materials less allowance for returnable cases is included. In industries where products attract Excise Duty the value stated is usually inclusive of duty if sold duty — paid and exclusive of duty if sold in bond or exported.

**STOCKS AND WORK IN PROGRESS**

61. Values are given of stocks of goods on hand for sale and of materials, stores and fuel at the end of the year of return and of the change during the year, including any stocks of goods held for merchanting or factoring.

62. Work in progress is defined as materials which have been partially processed by the establishment but which are not usually sold or transferred to another establishment without further processing. The values include the cost of materials consumed and labour used. Progress payments made to sub-contractors are excluded and progress payments received from other organisations are not deducted.

**WAGES AND SALARIES**

63. These are amounts paid during the year to operatives and to administrative, technical and clerical employees. Payments to working proprietors, whether called salaries or not, are excluded. The values shown include all overtime payments, bonuses and commissions, whether paid regularly or not, and no deduction is made for income tax, insurances, contributory pensions, etc. The value of redundancy payments less any amounts reimbursed from Government sources is included. The values of any payments in kind, travelling expenses, etc. is excluded.



**STATISTICAL TABLES TO BE PUBLISHED IN INDUSTRY MONITORS**

This part shows the standard tables used in the industry monitors.

TABLE No	TITLE
1	Output and costs, 1979-80
2	Capital expenditure, 1979-80
3	Stocks and work in progress, 1979-80
4	Analysis of establishments by size, 1980
5	Percentage analysis of twelve-month periods covered by returns received from United Kingdom establishments, 1980
6	Operating ratios, 1979-80

**TABLE 1**

Output and costs, 1979-1980  
All United Kingdom establishments classified to the industry (a)

	Unit	1979	1980
Enterprises	Number		
Establishments	"		
Sales of goods produced	£ million		
Receipts for work done and industrial services rendered	"		
Capital goods produced for establishments' own use	"		
Non-industrial services rendered	"		
Goods merchanted or factored	"		
<b>Total sales and work done</b>	"		
Increase during the year, work in progress and goods on hand for sale	"		
<b>Gross output</b>	"		
Purchases of materials for use in production, and packaging and fuel	"		
Purchases of goods for merchenting or factoring	"		
Increase during the year, stocks of materials, stores and fuel	"		
Cost of industrial services received	"		
<b>Net output</b>	"		
Total employment (b)	Thousand		
<b>Net output per head</b>	£		
Payments for non-industrial services			
Hire of vehicles, plant and machinery	£ million		
Rents of industrial and commercial buildings	"		
Commercial insurance premiums	"		
Bank charges	"		
Other non-industrial services	"		
Licensing of motor vehicles	"		
Rates, excluding water rates	"		
<b>Gross value added at factor cost</b>	"		
<b>Gross value added at factor cost per head</b>	£		

(a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census. Satisfactory returns accounted for per cent of employment within the industry.

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

**TABLE 2**

Capital expenditure, 1979-1980  
All United Kingdom establishments classified to the industry (a)(b)

PA1001  
APPENDIX A

£ million

	1979	1980
Land and buildings		
New building work		
Land and existing buildings		
Acquisitions		
Disposals		
Plant and machinery		
Acquisitions		
Disposals		
Vehicles (c)		
Acquisitions		
Disposals		
<b>Total net capital expenditure</b>		

- (a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census.
- (b) Capital expenditure in respect of manufacturing establishments where production had not commenced before the end of the year, is included.
- (c) For 1980 the value of acquisitions and disposals of motor cars were collected separately. These were £           million and £           million respectively.

**TABLE 3**

Stocks and work in progress, 1979-1980  
All United Kingdom establishments classified to the industry (a)

£ million

	1979	1980	Value at end of 1980
Materials, stores and fuel			
Work in progress			
Goods on hand for sale			
<b>Total</b>			
	Increase during year		

- (a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census.

TABLE 4

Analysis of establishments by size, 1980  
All United Kingdom establishments classified to the industry (a)

Size group (b)	Estab-lish-ments (c)	Enter-prises (d)	Employment			Wages and salaries (g)				Total sales and work done (h)	Gross output	Net output		Gross value added at factor cost		Net capital expenditure (j)	Total stocks and work in progress at end of year
			Total (e)	Opera-tives	Others (f)	Operatives		Others (f)				Total	per head	Total	per head		
						Total	per head	Total	per head								
Number	Number	Thousand	Thousand	Thousand	£ million	£	£ million	£	£ million	£	£ million	£					
<b>Total</b>																	

- (a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census.
- (b) Average number employed during the year, including full and part-time employees and working proprietors.
- (c) Establishments employing fewer than 20 persons are generally exempt from Business Statistics Office inquiries and data for these establishments are therefore of doubtful reliability. Figures for establishments employing 1-10 persons are particularly at risk. They should be regarded merely as the best estimates available and used with caution.
- (d) The count of enterprises shown in each row represents the number of enterprises, irrespective of size, owning the establishments shown in the previous column, i.e. the number of enterprises owning the establishments within the size group indicated by the row heading. It should be noted that because an enterprise may own establishments in more than one size group, the sum of the individual enterprise counts may exceed the total for the industry.
- (e) Including working proprietors.

- (f) Administrative, technical and clerical employees.
- (g) The cost of employers' contributions to national insurance, pensions and welfare schemes and the running costs of canteens, is estimated for the industry at £ million. The remuneration of outworkers on returns received was £ million.
- (h) Sales of goods produced, capital goods manufactured and buildings constructed by establishments for their own use, work done, industrial and non-industrial services rendered and merchanted goods.
- (j) New building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery.
- (k) Gross value added data relate to establishments employing 1-199.

TABLE 5

Percentage analysis of twelve-month periods covered by returns received from United Kingdom establishments, 1980

Accounting year ended		Percentage of total returns received	Percentage of total number employed
		per cent	per cent
1980	April (a)		
	May		
	June		
	July		
	August		
	September		
	October		
	November		
	December		
1981	January		
	February		
	March (b)		

(a) From 6th April.

(b) Including returns made for twelve-month period ended 1st to 5th April 1981.

TABLE 6

Operating ratios, 1979-1980  
All United Kingdom establishments classified to the industry (a)

	Unit	1979	1980
Gross output per head	£		
Net output per head	£		
Gross value added per head	£		
Gross value added as a percentage of gross output	%		
Ratio of gross output to stocks			
Wages and salaries as a percentage of gross value added	%		
Ratio of operatives to administrative, technical and clerical employees			
Wages and salaries per administrative, technical and clerical employee	£		
Wages and salaries per operative	£		
Net capital expenditure per head	£		
Net capital expenditure as a percentage of gross value added	%		

(a) Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census.

## LIST OF INDUSTRY REPORTS, ETC.

Business Monitor No		Standard Industrial Classification Revised 1980 Reference
PA1001	Introductory Notes	
	ENERGY AND WATER SUPPLY INDUSTRIES	1
	COAL EXTRACTION AND MANUFACTURE OF SOLID FUELS	11
PA111	Coal extraction and manufacture of solid fuels	1113/1115
PA120	Coke ovens	120
	EXTRACTION OF MINERAL OIL AND NATURAL GAS	13
PA130	Extraction of mineral oil and natural gas	130
	MINERAL OIL PROCESSING	14
PA140	Mineral oil processing	140
	PRODUCTION AND DISTRIBUTION OF ELECTRICITY AND GAS	16
PA161	Production and distribution of electricity	161
PA162	Public gas supply	162
	WATER SUPPLY INDUSTRY	17
PA170	Water supply industry	170
	EXTRACTION OF MINERALS AND ORES OTHER THAN FUELS: MANUFACTURE OF METALS, MINERAL PRODUCTS AND CHEMICALS	2
	EXTRACTION AND PREPARATION OF METALLIFEROUS ORES	21
PA210	Extraction and preparation of metalliferous ores	210
	METAL MANUFACTURING	22
PA221	Iron and steel industry	221
PA222	Steel tubes	222
PA223	Drawing, cold rolling and cold forming of steel	223
PA224	Non-ferrous metals industry	224
	EXTRACTION OF MINERALS, NOT ELSEWHERE SPECIFIED	23
PA231	Extraction of stone, clay, sand and gravel	231
PA239	Extraction of miscellaneous minerals (including salt)	233/239
	MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS	24
PA241	Structural clay products	241
PA242	Cement, lime and plaster	242
PA243	Building products of concrete, cement or plaster	243
PA244	Asbestos goods	244
PA245	Working of stone and other non-metallic minerals	245
PA246	Abrasive products	246
PA247	Glass and glassware	247
PA248	Refractory and ceramic goods	248
	CHEMICAL INDUSTRY	25
PA251	Basic industrial chemicals	251
PA255	Paints, varnishes and printing ink	255
PA256	Specialised chemical products mainly for industrial and agricultural purposes	256
PA257	Pharmaceutical products	257
PA258	Soap and toilet preparations	258
PA259	Specialised chemical products mainly for household and office use	259
	PRODUCTION OF MAN-MADE FIBRES	26
PA260	Production of man-made fibres	260

Business Monitor No.		Standard Industrial Classification Revised 1980 Reference
	METAL GOODS ENGINEERING AND VEHICLES INDUSTRIES	3
	MANUFACTURE OF METAL GOODS NOT ELSEWHERE SPECIFIED	31
PA311	Foundries	311
PA312	Forging, pressing and stamping	312
PA313	Bolts, nuts, washers, rivets, springs and non-precision chains	313
PA314	Metal doors, windows, etc.	314
PA316	Hand tools and finished metal goods	316
	MECHANICAL ENGINEERING	32
PA320	Industrial plant and steelwork	320
PA321	Agricultural machinery and tractors	321
PA322	Metal-working machine tools and engineers' tools	322
PA323	Textile machinery	323
PA324	Machinery for the food, chemical and related industries, process engineering contractors	324
PA325	Mining machinery, construction and mechanical handling equipment	325
PA326	Mechanical power transmission equipment	326
PA327	Machinery for the printing, paper, wood, leather, rubber, glass and related industries; laundry and dry cleaning machinery	327
PA328	Miscellaneous machinery and mechanical equipment	328
PA329	Ordnance, small arms and ammunition	329
	MANUFACTURE OF OFFICE MACHINERY AND DATA PROCESSING EQUIPMENT	33
PA330	Manufacture of office machinery and data processing equipment	330
	ELECTRICAL AND ELECTRONIC ENGINEERING	34
PA341	Insulated wires and cables	341
PA342	Basic electrical equipment	342
PA343	Electrical equipment for industrial use, and batteries and accumulators	343
PA344	Telecommunication equipment, electrical measuring equipment, electronic capital goods and passive electronic components	344
PA345	Miscellaneous electronic equipment	345
PA346	Domestic-type electric appliances	346
PA347	Electric lamps and other electric lighting equipment	347
	MANUFACTURE OF MOTOR VEHICLES AND PARTS THEREOF	35
PA351	Motor vehicles and their engines	351
PA352	Motor vehicle bodies, trailers and caravans	352
PA353	Motor vehicle parts	353
	MANUFACTURE OF OTHER TRANSPORT EQUIPMENT	36
PA361	Shipbuilding and repairing	361
PA362	Railway and tramway vehicles	362
PA363	Cycles and motor cycles	363
PA364	Aerospace equipment manufacturing and repairing	364
PA365	Miscellaneous vehicles	365
	INSTRUMENT ENGINEERING	37
PA371	Measuring, checking and precision instruments and apparatus	371
PA372	Medical and surgical equipment and orthopaedic appliances	372
PA373	Optical precision instruments and photographic equipment	373
PA374	Clocks, watches and other timing devices	374

Business Monitor No.		Standard Industrial Classification Revised 1980 Reference
	OTHER MANUFACTURING INDUSTRIES	4
	FOOD, DRINK AND TOBACCO MANUFACTURING INDUSTRIES	41/42
PA411	Organic oils and fats	411
PA412	Processing of bacon, meat and poultry	4122/4123
PA413	Preparation of milk and milk products	413
PA414	Processing of fruit and vegetables	414
PA415	Fish processing	415
PA416	Grain milling	416
pa419	Bread, biscuits and flour confectionery	419
PA420	Sugar and sugar by-products	420
PA421	Ice cream, cocoa, chocolate and sugar confectionery	421
PA422	Animal feeding stuffs	422
PA423	Starch and miscellaneous foods	418/423
PA424	Spirit distilling and compounding	424
PA426	Wines, cider and perry	426
PA427	Brewing and malting	427
PA428	Soft drinks	428
PA429	Tobacco industry	429
	TEXTILE INDUSTRY	43
PA431	Woollen and worsted industry	431
PA432	Cotton and silk industries	432
PA433	Throwing, texturing, etc. of continuous filament yarn	433
PA434	Spinning and waving of flax, hemp and ramie	434
PA435	Jute and polypropylene yarns and fabrics	435
PA436	Hosiery and other knitted goods	436
PA437	Textile finishing	437
PA438	Carpets and other textile floor coverings	438
PA439	Miscellaneous textiles	439
	MANUFACTURE OF LEATHER AND LEATHER GOODS	44
PA441	Leather (tanning and dressing) and fellmongery	441
PA442	Leather goods	442
	FOOTWEAR AND CLOTHING INDUSTRIES	45
PA451	Footwear	451
PA453	Clothing, hats and gloves	453
PA455	Household textiles and other made-up textiles	455
PA456	Fur goods	456
	TIMBER AND WOODEN FURNITURE INDUSTRIES	46
PA461	Sawmilling, planing, etc. of wood	461
PA462	Manufacture of semi-finished wood products and further processing and treatment of wood	462
PA463	Builder's carpentry and joinery	463
PA464	Wooden containers	464
PA465	Miscellaneous wooden articles	465
PA466	Articles of cork and plaiting materials, brushes and brooms	466
PA467	Wooden and upholstered furniture and shop and office fittings	467
	MANUFACTURE OF PAPER AND PAPER PRODUCTS; PRINTING AND PUBLISHING	47
PA471	Pulp, paper and board	471
PA472	Conversion of paper and board	472
PA475	Printing and publishing	475

Business Monitor No.	Standard Industrial Classification Revised 1980 Reference	Standard Industrial Classification Revised 1980 Reference
	PROCESSING OF RUBBER AND PLASTICS	48
PA481	Rubber products	481/482
PA483	Processing of plastics	483
	OTHER MANUFACTURING INDUSTRIES	49
PA491	Jewellery and coins	491
PA492	Musical instruments	492
PA494	Toys and sports goods	494
PA495	Miscellaneous manufacturing industries	495
	CONSTRUCTION	5/50
PA500	Construction	500/1/2/3/4

MEMBERS OF THE ADVISORY COMMITTEE

Section 8 of the Statistics of Trade Act, 1947, requires that an Advisory Committee should advise on the preparation of the forms and instructions necessary for the taking of a census and of advising with regard to such matters as may be referred to it. The following list gives the names of the current members of the Production Statistics Advisory Committee, appointed for a period of three years from 1 January 1979, and the name of the organisation to which they belong.

Mr R Ash	Business Statistics Office
Professor R H Barback	Confederation of British Industry
Mr P A Bayliss	Association of Independent Businesses
Dr R L Butchart	Department of Industry
Mr C A Davies	Computer Technology Limited
Mr J Hanna	Trades Union Congress
Mr J Hibbert	Central Statistical Office
Mr C D Hughes	Renold Limited
Mr R A Husain	National Economic Development Office
Miss D Mills	MLH Consultants Limited
Mr A M Millwood	John Laing Construction Limited
Dr B Mitchell	Business Statistics Office
Mr W A Newsome	Association of British Chambers of Commerce
Mr G F Regan	Iron and Steel Statistics Bureau
Mr A Wilson	Price Waterhouse and Company
Mr E G Wood	Sheffield City Polytechnic Centre for Innovation and Productivity

The joint secretaries of the Committee are Mr D R Lewis and Mr J H Jenkins of the Business Statistics Office, Cardiff Road, Newport, Gwent.

STATUTORY INSTRUMENTS

1980 No. 1835

STATISTICS OF TRADE

The Census of Production (1981) (Returns and Exempted Persons) Order 1980

Made - - - - 15th October 1980  
Laid before Parliament 9th December 1980  
Coming into Operation 31st December 1980

The Secretary of State, in exercise of powers conferred by sections 2 and 11 of the Statistics of Trade Act 1947(a) (hereinafter referred to as "the Act") and now vested in him(b), and of all other powers enabling him in that behalf, hereby orders as follows:—

*Citation, commencement and interpretation*

1.—(1) This Order may be cited as the Census of Production (1981) (Returns and Exempted Persons) Order 1980 and shall come into operation on 31st December 1980.

(2) "the Standard Industrial Classification" means the 'Revised 1980' edition thereof published by Her Majesty's Stationery Office in 1979.

*Matters to which returns may relate*

2. The matters about which a person carrying on an undertaking may be required to furnish returns for the purposes of the Census of Production being taken under the Act by the Secretary of State in 1981 shall be all the matters set out in the Schedule to the Act(c).

*Exempted Persons*

3. Any person carrying on an undertaking in—  
the exploration for and extraction of petroleum on land and offshore (being the activity falling within Activity heading 1300 of the Standard Industrial Classification);  
the slaughtering of animals for meat for human consumption (being the activity falling within Activity heading 4121 of the Standard Industrial Classification);  
animal by-product processing (being the activity falling within Activity heading 4126 of the Standard Industrial Classification);  
developing and printing photographic and cinematographic films (being the activity falling within Activity heading 4930 of the Standard Industrial Classification);

shall be exempted from the obligation to furnish returns for the purposes of the said census.

15th October 1980.

Keith Joseph,  
Secretary of State,  
Department of Industry.

(a) 1947 c. 39. (b) S.I. 1970/1537.  
(c) The Schedule was amended by S.I. 1963/1329.

PA920



An Inquiry conducted by the Government Statistical Service  
IN CONFIDENCE

FV

*(Large empty box for business details)*

← Please quote in any enquiry

Please amend where appropriate the name, address and postcode

NOTICE UNDER SECTION 3 OF THE STATISTICS OF TRADE ACT, 1947

The Secretary of State for Industry hereby requires you by law to provide to the Business Statistics Office the information called for in this inquiry form. Your return should be made for the year ended 31 December 1980, unless no figures are available for that period when the return may be made for your business year which ends between 6 April 1980 and 5 April 1981. In all cases the return must be completed and sent to the Business Statistics Office not later than 5 July 1981.

NB The information given by you will be treated as confidential in strict accordance with the Act and subject to the further restriction that information about individual businesses will be used and disclosed under Ministerial direction to other government departments for statistical purposes only, except that the names and addresses of individual businesses, their industrial classification and the numbers of persons of different descriptions employed by them may, if a Minister so directs, be made available to Ministers and officials of government departments who need them for carrying out their functions.

Department of Industry  
BUSINESS STATISTICS OFFICE  
Newport Gwent NPT 1XG

Telephone: Newport (0633) 56111 Ext 2695  
Telex: 497121 Answer Back BSONPT G

ANNUAL CENSUS OF PRODUCTION FOR 1980

Dear Contributor

We conduct this Annual Census to obtain up-to-date statistical information about the structure and development of industry in the United Kingdom. Census results are used in the construction of national accounts, the index of production and other statistical indicators. They also provide measures of industrial performance for use in industry and government departments. Comparisons may be made with results of similar inquiries that are being conducted in other countries of the European Economic Community. The census has been designed in consultation with the Production Statistics Advisory Committee which is appointed under the Statistics of Trade Act 1947 and includes members from industry, the trade unions, the accountancy profession and the public services.

Provisional results for the 1979 Census will be published in early 1981 as Business Monitor PA1000. This publication and subsequent individual industry reports and a summary volume will be available from Her Majesty's Stationery Office or from the above address.

Notes to help you complete your return are enclosed. If you have any difficulties or would like further information my staff will be pleased to help you. The telephone extension of the appropriate enquiry point is given above.

Yours faithfully

R. Ash

R ASH  
Director

1. PERIOD COVERED BY THE RETURN

Your return should relate to the calendar year 1980. If no figures are available for the calendar year, the return may be made for a business year, ending on any date from 6 April 1980 to 5 April 1981.

Period covered by the return . . . from 

Code	day	month	year
11	/	/	

 to 

Code	day	month	year
12	/	/	

2. AVERAGE NUMBER EMPLOYED

Working proprietors	Administrative, technical and clerical employees	All other employees (Operatives)
201	202	205

3. INCOME (exclusive of VAT)

	£ thousand
3.1 Sales of goods of your own production . . . . .	261
3.2 Receipts for work done and industrial services rendered . . . . .	262
3.3 Sales of goods bought and resold without processing . . . . .	266
3.4 Receipts for other services rendered . . . . .	267

4. EXPENDITURE (exclusive of VAT)

	£ thousand
4.1 Gross wages and salaries paid to:	
(a) Administrative, technical and clerical employees . . . . .	301
(b) All other employees (operatives) . . . . .	304
(c) Remuneration paid to outworkers . . . . .	314
4.2 Employers' national insurance contributions and contributions to other pension and welfare schemes . . . . .	315
4.3 Purchases of materials and fuel . . . . .	734
4.4 Goods purchased for resale without processing . . . . .	733
4.5 Amounts payable to other organisations for repairs and maintenance, and for work given out . . . . .	623
4.6 Hiring, leasing or renting plant, machinery and vehicles . . . . .	655
4.7 Rent paid for industrial and commercial buildings . . . . .	656
4.8 Commercial insurance premiums paid . . . . .	625
4.9 Bank charges (exclude interest) . . . . .	626
4.10 Cost of other services (include amounts payable to accountants, solicitors, surveyors, etc., postage, telephone, telex, etc., amounts paid to other organisations for transport within UK) . . . . .	630

PA920

	£ thousand
4.11 Road Vehicle Licences . . . . .	276
4.12 Rates (exclude water rates) . . . . .	277

5. STOCKS (exclusive of VAT).

	Materials, stores and fuel £ thousand	Work in progress £ thousand	Goods on hand for sale £ thousand
5.1 Value at beginning of year . . . . .	401	403	413
5.2 Value at end of year . . . . .	402	404	414
5.3 If the values given above are not for the calendar year 1980 please give a combined stocks total (corresponding to the total of all the three categories shown above) for the calendar year . . . . .	450	1 January 1980 £ thousand	31 December 1980 £ thousand

6. CAPITAL EXPENDITURE IN THE YEAR (exclusive of deductible VAT, see enclosed Notes)

Note: You are particularly asked to give the information at Questions 6.2 to 6.11 for the calendar year 1980. If this is not possible please provide information for your business year in 6.2 to 6.11 and also a single figure at 6.12 of net capital expenditure, estimated if necessary, for the calendar year 1980.

6.1 The information given at 6.2 to 6.11 is for the year ending . . . . . 

day	month	year
17	/	/

	Units in production £ thousand	Units not yet in production £ thousand
ACQUISITIONS Cost of:		
6.2 New building work . . . . .	501	
6.3 Land and existing buildings . . . . .	502	
6.4 New and second-hand motor cars (include Customs and Excise Car Tax) . . . . .	513	
6.5 Other new and second-hand vehicles . . . . .	515	
6.6 New and second-hand plant, machinery and other capital equipment . . . . .	517	
DISPOSALS Proceeds from disposal of:		
6.7 Land and buildings . . . . .	503	
6.8 Motor cars . . . . .	514	
6.9 Other vehicles . . . . .	516	
6.10 Plant, machinery and other capital equipment . . . . .	518	
6.11 Work of a capital nature carried out by your own staff and included in Questions 6.2 to 6.6 above . . . . .	252	

To be completed **only** if capital expenditure figures given above are **not** on a calendar year basis.

6.12 Total net capital expenditure for calendar year 1980 (i.e. cost of acquisitions less proceeds from disposals) . . . . . 

	519
--	-----



SPECIMEN CENSUS FORM



An Inquiry conducted by the Government Statistical Service  
IN CONFIDENCE

FV

Please quote  
in any enquiry

Please amend  
where appropriate  
the name, address  
and postcode

[Large empty box for business details]

NOTICE UNDER SECTION 3 OF THE STATISTICS OF TRADE ACT, 1947

The Secretary of State for Industry hereby requires you by law to provide to the Business Statistics Office the information called for in this inquiry form. Your return should be made for the year ended 31 December 1980, unless no figures are available for that period when the return may be made for your business year which ends between 6 April 1980 and 5 April 1981. In all cases the return must be completed and sent to the Business Statistics Office not later than 5 July 1981.

NB The information given by you will be treated as confidential in strict accordance with the Act and subject to the further restriction that information about individual businesses will be used and disclosed under Ministerial direction to other government departments for statistical purposes only, except that the names and addresses of individual businesses, their industrial classification and the numbers of persons of different descriptions employed by them may, if a Minister so directs, be made available to Ministers and officials of government departments who need them for carrying out their functions.

Department of Industry  
BUSINESS STATISTICS OFFICE  
Newport Gwent NPT 1XG

Telephone: Newport (0633) 56111 Ext 2695  
Telex: 497121 Answer Back BSONPT G

ANNUAL CENSUS OF PRODUCTION FOR 1980

Dear Contributor

We conduct this Annual Census to obtain up-to-date statistical information about the structure and development of industry in the United Kingdom. Census results are used in the construction of national accounts, the index of production and other statistical indicators. They also provide measures of industrial performance for use in industry and government departments. Comparisons may be made with results of similar inquiries that are being conducted in other countries of the European Economic Community. The census has been designed in consultation with the Production Statistics Advisory Committee which is appointed under the Statistics of Trade Act 1947 and includes members from industry, the trade unions, the accountancy profession and the public services.

Provisional results for the 1979 Census will be published in early 1981 as Business Monitor PA1000. This publication and subsequent individual industry reports and a summary volume will be available from Her Majesty's Stationery Office or from the above address.

Notes to help you complete your return are enclosed. If you have any difficulties or would like further information my staff will be pleased to help you. The telephone extension of the appropriate enquiry point is given above.

Yours faithfully

R. A. H.

R. AS.  
Dire

7. MULTI UNIT LISTING

A list (Form CRIA) which should be completed and returned with your census form is enclosed where contributors are known to have such units. Contributors not receiving lists are referred to page 8 in the notes.

8. VALUE ADDED TAX REGISTRATION NUMBER

If the number is not already correctly shown on the front of the form, please enter your Value Added Tax (VAT) registration number. If you are not registered for VAT write "NONE" and if the establishment covered by this return has more than one VAT number, write "MORE THAN ONE" in the box.

Value Added Tax registration number 

14									
----	--	--	--	--	--	--	--	--	--

9. CLASSIFIED LISTS OF BUSINESSES

To assist industry, classified lists of manufacturing businesses compiled by the Business Statistics Office have been published from time to time. The latest list was published by HMSO as Business Monitor PO1007.

The lists show only the names and addresses of manufacturing units and the industrial classification of the businesses to which they belong. If you are willing for the business to which this return relates to appear in future lists made available to the public, please give your consent below. If you do not wish this limited information to be made available please delete the statement.

I agree that the name(s) and address(es) of the business to which this return relates may be included in any classified lists of businesses made available to the public.

Signature ..... Date .....

Position in business .....

10. NAME AND ADDRESS OF PERSON WHO SHOULD BE CONSULTED IF QUESTIONS ARISE ABOUT THIS RETURN (BLOCK CAPITALS PLEASE)

Telephone No. .... Ext. .... Telex No. ....

FOR OFFICIAL USE ONLY

2		8	
3		7	
4		9	
5		10	
6		13	

Action	Init and Date
Received	
Data take-on	
Examined	
PA Check	

**1. PERIOD COVERED BY THE RETURN**

Your return should relate to the calendar year 1980. If no figures are available for the calendar year, the return may be made for a business year, ending on any date from 6 April 1980 to 5 April 1981.

Period covered by the return from 

Code	day	month	year
11	/	/	

 to 

Code	day	month	year
12	/	/	

**2. AVERAGE NUMBER EMPLOYED**

Working proprietors	Administrative, technical and clerical employees	All other employees (Operatives)
201	202	205

**3. INCOME (exclusive of VAT)**

	£ thousand
3.1 Sales of goods of your own production	261
3.2 Receipts for work done and industrial services rendered	262
3.3 Sales of goods bought and resold without processing	266

**4. EXPENDITURE (exclusive of VAT)**

4.1 Gross wages and salaries paid to:

	£ thousand
(a) Administrative, technical and clerical employees	301
(b) All other employees (operatives)	304
(c) Remuneration paid to outworkers	314

4.2 Purchases of materials and fuel	734
4.3 Goods purchased for resale without processing	733
4.4 Amounts payable to other organisations for repairs and maintenance, and for work given out	623

**PA922**

**5. STOCKS (exclusive of VAT).**

	Materials, stores and fuel £ thousand	Work in progress £ thousand	Goods on hand for sale £ thousand
5.1 Value at beginning of year	401	403	413
5.2 Value at end of year	402	404	414

**6. CAPITAL EXPENDITURE IN THE YEAR (exclusive of deductible VAT, see enclosed Notes)**

Note: You are particularly asked to give the information at Questions 6.2 to 6.10 for the calendar year 1980. If this is not possible please provide information for your business year.

6.1 The information given at 6.2 to 6.10 is for the year ending 

day	month	year
17	/	/

**ACQUISITIONS** Cost of:

	£ thousand
6.2 New building work	501
6.3 Land and existing buildings	502
6.4 New and second-hand motor cars (include Customs and Excise Car Tax)	513
6.5 Other new and second-hand vehicles	515
6.6 New and second-hand plant, machinery and other capital equipment	517

**DISPOSALS** Proceeds from disposal of:

6.7 Land and buildings	503
6.8 Motor cars	514
6.9 Other vehicles	516
6.10 Plant, machinery and other capital equipment	518

**7. MULTI UNIT LISTING**

A list (Form CRIA) which should be completed and returned with your census form is enclosed where contributors are known to have such units. Contributors not receiving lists are referred to page 8 in the notes.

**8. VALUE ADDED TAX REGISTRATION NUMBER**

If the number is not already correctly shown on the front of the form, please enter your Value Added Tax (VAT) registration number. If you are not registered for VAT write "NONE" and if the establishment covered by this return has more than one VAT number, write "MORE THAN ONE" in the box.

Value Added Tax registration number

14									
----	--	--	--	--	--	--	--	--	--

**9. CLASSIFIED LISTS OF BUSINESSES**

To assist industry, classified lists of manufacturing businesses compiled by the Business Statistics Office have been published from time to time. The latest list was published by HMSO as Business Monitor PO1007.

The lists show only the names and addresses of manufacturing units and the industrial classification of the businesses to which they belong. If you are willing for the business to which this return relates to appear in future lists made available to the public, please give your consent below. If you do not wish this limited information to be made available please delete the statement.

I agree that the name(s) and address(es) of the business to which this return relates may be included in any classified lists of businesses made available to the public.

Signature ..... Date .....

Position in business .....

**10. NAME AND ADDRESS OF PERSON WHO SHOULD BE CONSULTED IF QUESTIONS ARISE ABOUT THIS RETURN (BLOCK CAPITALS PLEASE)**

.....  
 .....  
 .....

Telephone No. .... Ext. .... Telex No. ....

**FOR OFFICIAL USE ONLY**

2		8	
3		7	
4		9	
5		10	
6		13	

Action	Init and Date
Received	
Data take-on	
Examined	
PA Check	

© Crown copyright 1982

**Her Majesty's Stationery Office**

*Government Bookshops*

49 High Holborn, London WC1W 6HB

13a Castle Street, Edinburgh EH2 3AR

41 The Hayes, Cardiff CF1 1JW

Brazennose Street, Manchester M60 8AS

Southey House, Wine Street, Bristol BS1 2BQ

258 Broad Street, Birmingham B1 2HE

80 Chichester Street, Belfast BT1 4JY

*Government publications are also available  
through booksellers*

*Extracts from this publication may be reproduced  
provided the source is acknowledged. Proposals for  
complete reproduction should be addressed to the  
Librarian, Business Statistics Office, Newport,  
Gwent NPT 1XG*

ISBN 0 11 514001 8

630  
£4.80

R  
O  
S  
B  
U  
C