

Q(2834)

1981

**Business Statistics Office** 

# **Business Monitor**

# BRITISH LIBRARY Report on the - I SEP 1983 OF P JLITICAL AND ECONOMIC SCIENCE

# Household textiles and other made-up textiles



C C

A publication of the Government Statistical Service

# PA455

### PRICE INCREASES

Prices of Business Monitors in 1983 have been set to make some contribution to the costs incurred at the **Business Statistics Office in the** preparation of 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. Results for 1980 include 1979 back data but more detailed 1979 figures based on the new classification have been published as a single separate Business Monitor (PA1002.1). This includes the results of the 1979 Purchases Inquiry. Reports on the Census of Production for the years prior to 1980 are 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 £25 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 Government Buildings Cardiff Road** Newport Gwent NPT 1XG

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

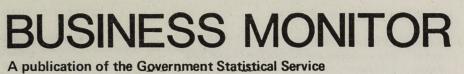
Report on the **Census of Production** 1981

# Household textiles and other made-up textiles

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





## LIST OF INDUSTRY REPORTS

PA1001	Introductory notes
PA111	Coal extraction and manufacture of solid fuels
PA120	Coke ovens
PA130	Extraction of mineral oil and natural gas
PA140	Mineral oil processing
PA161	Production and distribution of electricity
PA162	Public gas supply
PA170	Water supply industry
PA210	Extraction and preparation of metalliferous ores
PA221	Iron and steel industry
PA222	Steel tubes
PA223	Drawing, cold rolling and cold forming of steel
PA224	Non-ferrous metals industry
PA231	Extraction of stone, clay, sand and gravel
PA239	Extraction of miscellaneous minerals (including salt)
PA241	Structural clay products
PA242	Cement, lime and plaster
PA243	Building products of concrete, cement or plaster
PA244	Asbestos goods
PA245	Working of stone and other non-metallic minerals
PA246	Abrasive products
PA247	Glass and glassware
PA248	Refractory and ceramic goods
PA251	Basic industrial chemicals
PA255	Paints, varnishes and printing ink
PA256	Specialised chemical products mainly for industrial
	and agricultural purposes
PA257	Pharmaceutical products
PA258	Soap and toilet preparations
PA259	Specialised chemical products mainly for household
	and office use
PA260	Production of man-made fibres
PA311	Foundries
PA312	Forging, pressing and stamping
PA313	Bolts, nuts, etc.; springs; non-precision
	chains; metals treatment
PA314	Metal doors, windows, etc.
PA316	Hand tools and finished metal goods
PA320	Industrial plant and steelwork
PA321	Agricultural machinery and tractors
PA322	Metal-working machine tools and engineers' tools
PA323	Textile machinery
PA324	Machinery for the food, chemical and related
	industries; process engineering contractors
PA325	Mining machinery, construction and mechanical
	handling equipment
PA326	Mechanical power transmission equipment
PA327	Machinery for printing, paper, wood, leather, rubber,
	glass and related industries: laundry and dry cleaning
	machinery
PA328	Miscellaneous machinery and mechanical equipment
PA329	Ordnance, small arms and ammunition
PA330	Manufacture of office machinery and data processing
	equipment
PA341	Insulated wires and cables
PA342	Basic electrical equipment
PA343	Electrical equipment for industrial use, and batteries
	and accumulators
PA344	Telecommunication equipment, electrical measuring
	equipment, electronic capital goods and passive
	electronic components
PA345	Miscellaneous electronic equipment
PA346	Domestic-type electric appliances
PA347	Electric lamps and other electric lighting equipment
PA351	Motor vehicles and their engines
PA352	Motor vehicle bodies, trailers and caravans
PA353	Motor vehicle parts
PA361	Shipbuilding and repairing
PA362	Railway and tramway vehicles
PA363	Cycles and motor cycles
PA364	Aerospace equipment manufacturing and repairing
PA365	Miscellaneous vehicles
PA305	Measuring, checking and precision instruments and
14071	
	apparatus

PA372	Medical and surgical equipment and orthopaedic appliances
PA373	Optical precision instruments and photographic
14575	equipment
PA374	Clocks, watches and other timing devices
PA411	Organic oils and fats Processing of bacon, meat and poultry
PA412	Preparation of milk and milk products
PA413	
PA414	Processing of fruit and vegetables
PA415	Fish processing
PA416	Grain milling
PA419	Bread, biscuits and flour confectionery
PA420	Sugar and sugar by-products
PA421	Ice-cream, cocoa, chocolate and sugar confection
PA422	Animal feeding stuffs
PA423	Starch and miscellaneous foods
PA424	Spirit distilling and compounding
PA426	Wines, cider and perry
PA427	Brewing and malting
PA428	Soft drinks
PA429	Tobacco industry
PA431	Woollen and worsted industry
PA432	Cotton and silk industries
PA433	Throwing, texturing, etc. of continuous filamen
PA434	Spinning and weaving of flax, hemp and ramie
PA435	Jute and polypropylene yarns and fabrics
PA436	Hosiery and other knitted goods
PA437	Textile finishing
PA438	Carpets and other textile floorcoverings
PA439	Miscellaneous textiles
PA439 PA441	Leather (tanning and dressing) and fellmongery
	Leather goods
PA442	Footwear
PA451	
PA453	Clothing, hats and gloves Household textiles and other made-up textiles
PA455	
PA456	Fur goods
PA461	Sawmilling, planing, etc. of wood
PA462	Manufacture of semi-finished wood products an
	further processing and treatment of wood
PA463	Builders' carpentry and joinery
PA464	Wooden containers
PA465	Miscellaneous wooden articles
PA466	Articles of cork and plaiting materials, brushes
	brooms
PA467	Wooden and upholstered furniture and shop an
	office fittings
PA471	Pulp, paper and board
PA472	Conversion of paper and board
PA475	Printing and publishing
PA481	Rubber products
PA483	Processing of plastics
PA491	Jewellery and coins
PA491	Musical instruments
PA492 PA494	Toys and sports goods
PA494 PA495	Miscellaneous manufacturing industries
	Construction
PA500	
PA1002	Summary tables

# PA455 HOUSEHOLD TEXTILES AND OTHER MADE-UP TEXTILES

the information in this report relates to establishments classified to the Household textiles and other made-up textiles industry, Group 455 in he Standard Industrial Classifiection Revised 1980. The industry Group covers the following Activity Headings:-

#### Soft furnishings

4555 Manufacture of covered cushions, pillows and bolsters (including types with rubber or plastic foam filling) and the making-up of curtains and loose furnishing covers.

#### Canvas goods, sacks and other made-up textiles 4556

Manufacture of tents, awnings, tarpaulins, sails, flags and other goods of sailcloth, canvas and the like. Also included is the manufacture of sacks and bags from woven fabrics of jute, cotton and other vegetable fibres and polypropylene yarn. The weaving of sailcloth, canvas and the like is classified to Group 434 and the weaving of jute and polypropylene yarn is classified to Group 435.

#### Household textiles 4557

nerv

it yarn

and

Cutting, stitching, hemming, embroidering, etc. quilts, counterpanes, sheets, pillowslips, towels, tablecloths, duchess sets, cleaning and polishing cloths and the like and nursery squares. Tufting of fabrics for household textiles, including blankets, and making-up of such fabrics. Weaving and knitting establishments also producing made-up household textiles are classified to Groups 432 and 434 or 436 respectively.

or a full description of the 1980 classification see Standard Industrial Classification Revised 1980 obtainable from Her Majesty's Stationery fice, price £3.40.

#### In interpreting the data in the tables it is essential to bear in mind the notes and definitions which commence on page 9.

## LIST OF CONTENTS

able No	Title
1	Output and costs, 1979–1981
2	Capital expenditure, 1979–1981
3	Stocks and work in progress, 1979–1981
4	Analysis of establishments by size, 1981
5	Percentage analysis of twelve-month periods co Kingdom establishments, 1981
6	Operating ratios, 1979–1981

3

Page 4

5 5 6-7

8

8

#### TABLE 1

#### Output and costs, 1979-1981

All United Kingdom establishments classified to the industry (a)

	Unit	1979	1980	1981	
Enterprises	Number	1,173	1,171	1,179	
Establishments		1,271	1,265	1,266	
Sales of goods produced	£ million	553.8	593.6	593.9	
Receipts for work done and industrial services rendered		12.3	9.0	13.0	
Capital goods produced for establish- ments' own use	"	0.2	0.2	0.1	
Non-industrial services rendered	"	1.3	2.8	1.1	
Goods merchanted or factored	"	64.1	66.7	57.6	
Total sales and work done	"	631.8	672.3	665.8	
Increase during the year, work in progress and goods on hand for sale	,,	24.1	-9.3	5.0	
Gross output	"	655.9	663.1	670.7	
Purchases of materials for use in pro- duction, and packaging and fuel	"	337.8	332.2	339.3	
Purchases of goods for merchanting or factoring	<i></i>	54.9	48.5	44.7	
Increase during the year, stocks of materials, stores and fuel	"	12.2	-9.0	3.8	
Cost of industrial services received	"	25.2	21.3	23.8	
Net output	"	250.3	252.2	266.7	
Total employment (b)	Thousand	40.5	36.5	33.6	
Net output per head	£	6,184	6,909	7,928	
Payments for non-industrial services					
Hire of vehicles, plant and machinery	£ million	1.3	2.4	2.3	
Rents of industrial and commercial buildings	"	3.9	3.7	3.6	
Commercial insurance premiums	"	3.4	3.6	3.6	
Bank charges	"	0.6	0.7	0.8	
Other non-industrial services	"	34.3	34.6	40.4	
Licensing of motor vehicles	"	0.3	0.2	0.3	
Rates, excluding water rates	"	4.6	4.1	5.3	
Gross value added at factor cost	"	201.9	202.9	210.4	
Gross value added at factor cost per head	£	4,989	5,559	6,254	

Including estimates for establishments not making satisfactory returns, non-response and establishments not selected for the Census. (a) Satisfactory returns accounted for 63 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

PA455

Capital expenditure, 1979–1981 All United Kingdom establishments classified to the industry (a)(b)

	1979	1980	1981
Land and buildings			
New building work	4.6	1.3	1.5
Land and existing buildings			
Acquisitions	1.0	1.3	1.0
Disposals	1.9	0.7	1.8
Plant and machinery			
Acquisitions	11.4	9.7	8.6
Disposals	0.5	1.3	1.0
Vehicles			
Acquisitions	5.1	4.6	4.0
Disposals	2.1	1.6	1.6
Total net capital expenditure	17.7	13.2	10.8

(a) Including estimates for establishments not making satisfactory returns, non-response

(b) Capital expenditure in respect of manufacturing establishments where production had not commenced before the end of the year, is included.

5

#### TABLE 3

Stocks and work in progress, 1979–1981 All United Kingdom establishments classified to the industry (a)

	1979	1980	1981
	COURSE E	Increase during ye	ear
Materials, stores and fuel	12.2	-9.0	3.8
Work in progress	6.2	-7.3	2.4
Goods on hand for sale	17.9	-1.9	2.6
Total	36.3	18.2	8.8

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

4

		PA455
		£ million
nes/digita ja		a start provide the sould
	· 1997	
Contraction of the second		

	£ millior
	Value at end of 1981
patient interest - torat	
	67.2
	35.4
	76.7
	179.3
the second se	

Analysis of establishments by size, 1981 All United Kingdom establishments classified to the industry (a)

Size group (b)	Estab- lish- ments (c)	Enter- prises (d)	Employmer ,	nt		Wages and salaries (g)			
			Total (e)	Opera- tives	Others (f)	Operatives		Others (f)	
						Total	per head	Total	per head
1. 1910	Number	Number	Thousand	Thousand	Thousand	£ million	£	£ million	£
1-10	725	711	3.8 )						
11–19	277	269	4.2)						
20-49	139	138	) 4.2)	12.8	3.5	41.3	3,221	19.7	5,591
50-99	69	66	) 4.9)						
100—199	27	26	3.8	3.0	0.8	9.6	3,234	4.2	5,325
200–299	10	9	2.4	1.9	0.5	6.3	3,324	2.3	4,998
300-399	10	7	3.5	2.7	0.8	10.7	3,979	4.7	5,657
00-499	3	3	1.3	1.0	0.3	4.2	4,275	1.7	5,155
500 and over	6	5	5.7	4.4	1.3	17.4	3,983	7.8	6,113

Total sales and work Jone (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	per head	Total	per head		
million	£ million	£ million	£	£ million	£	£ million	£ million
121.6	321.7	120.3	7,062	(k)	(k)	4.4	75.2
73.8	74.2	27.9	7,417	117.0(k)	5,625(k)	1.5	18.4
49.7	48.5	14.3	6,046	11.2	4,728	-0.2	17.9
94.2	95.3	40.0	11,352	30.5	8,654	1.8	21.6
22.9	23.4	11.3	8,747	9.3	7,179	0.1	8.0
03.5	107.6	52.8	9,339	42.4	7,499	3.2	38.2

Total	1,266	1,179	33.6	25.8	7.2	89.6	3,479	40.4	5,605	665.8	670.7	266.7	7,928
A CARACTER STATE					and a		N. A.				an hard an here the		

(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.

6

(e) Including working proprietors.

Administrative, technical and clerical employees.

The cost of employers' contributions to national insurance, pensions and welfare schemes and the running costs of canteens, is estimated for the industry at £20.6 million. The remuneration of outworkers on returns received was £542 thousand.

210.4

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.

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

Gross value added data relate to establishments employing 1-199.

#### PA455

6,254	10.8	179.3

Percentage analysis of twelve-month periods covered by returns received from United Kingdom establishments, 1981

Accounting year ended		Percentage of total returns received	Percentage of total number employed			
- A gab		per cent	per cent			
1981	April (a)	6.3	5.6			
	May		-			
	June	1.4	1.2			
	July	0.7	0.1			
	August	_				
	September	5.6	10.6			
	October	1.4	0.3			
	November	6.3	11.7			
	December	38.0	29.3			
1982	January	7.8	11.4			
	February	2.8	2.3			
	March (b)	29.6	27.6			

From 6th April. (a)

Including returns made for twelve-month period ended 1st to 5th April 1982. (b)

#### TABLE 6

Operating ratios, 1979-1981 All United Kingdom establishments classified to the industry (a)

	Unit	1979	1980	1981	
ross output per head	£	16,207	18,164	19,936	
et output per head	£	6,184	6,909	7,928	
ross value added per head	£	4,989	5,559	6,254	
ross value added as a percentage of					
ross output	%	31	31	31	
atio of gross output to stocks		3.8	3.7	3.7	
ages and salaries as a percentage of					
oss value added	%	58	62	62	
atio of operatives to administrative,					
chnical and clerical employees		4.4	3.8	3.6	
ages and salaries per administrative,					
chnical and clerical employee	£	4,217	4,920	5,605	
ages and salaries per operative	£	2,702	3,135	3,479	
et capital expenditure per head	£	438	362	322	
et capital expenditure as a percentage					
f gross value added	%	9	7	5	

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

8

NOTES

PA455

These notes give the main information needed for interpreting the figures in the industry Business Monitors: more detailed information about the census is given in a separate Business Monitor - PA1001 (Introductory Notes) of the Report on the Census of Production, 198

# GENERAL INFORMATION

# CHANGES MADE FOR 1981

the 1981 census differed from the 1980 census in one respect. Questions relating to capital expenditure on motor cars were emoved from the questionnaire.

# INDUSTRIAL CLASSIFICATION

The 1981 census is 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 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

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 integrated 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

Establishments are asked to exclude from their returns particulars relating to any department not engaged in production e.g. merchanting, 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 nore than one return is made the information in respect of the head office is apportioned among them. 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.

COVERAGE 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. Under the sampling arrangements agreed for the 1981 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 18,670. In the construction industry forms were despatched to a 1 in 2 sample of undertakings employing 20 to 49 and all undertakings employing 50 or more. The total number of forms mailed was 6 300

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'

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.

SYMBOLS USED The following symbols are used throughout the PA series of **Business Monitors** 

not available revised

R

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 units 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 and size analyses of manufacturing local units are published each year in Business Monitor PA1003 (Analyses of United Kingdom Manufacturing (local) units by

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

#### SUPPRESSION OF INFORMATION RELATING TO INDIVIDUAL UNDERTAKINGS

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

#### ROUNDING OF FIGURES

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

EXPLANATION OF TERMS USED IN THE CENSUS REPORT 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

#### CAPITAL EXPENDITURE

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

#### 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 leaseholds 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

#### 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 value of plant, etc. acquired is the expenditure the return. charged to capital account during the year of return less any discounts received, but including the cost of transport and Deductable value added tax is excluded but noninstallation. 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

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

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

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

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

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

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.

Operatives include all other classes of employees, that is, broadly 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 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.

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**

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

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

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

10

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

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

# VON-INDUSTRIAL SERVICES RENDERED

his includes rents received for commercial and industrial buildings, nounts charged for hiring out plant, machinery and vehicles and er goods and amounts charged to other organisations for the ovision of transport. It also includes amounts received for the rovision of exercise and the patents, trademarks, copyrights etc., manufacturing ight to use patents, trademarks, copyrights etc., manufacturing ind quarrying rights and technical "know-how" and revenue from uch staff facilities as canteens.

## PERATING RATIOS

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

#### URCHASES

chases include the cost of raw materials, components, seminufactured goods and workshop materials; of replacement parts nd consumable tools not charged to capital account; of packaging terials of all types; of stationery and printed matter; of fuel, ectricity and water; of materials to be used by the establishment given out to other establishments for the production of machery or other capital items for the establishment's own use; of aterials for use by the establishment when working on goods upplied by customers; and of food, etc. for any canteen covered the establishment's return. Transfers of goods to the estabment from another department of the same firm not covered by e establishment's return are included at a cost corresponding to estimated selling value recorded by the other department. mounts payable to transport firms or credited to the firm's own nsport department for delivery of materials are excluded, as are purchases of machinery and plant charged to capital account. chases of goods for merchanting or factoring have been collected eparately since 1973. The values shown exclude VAT. They rolude, in addition to the actual purchase price, the value of packing material charged to the establishment. The value of returned ods or packaging material returned to the suppliers and any trade ounts are excluded. Materials purchased duty-paid are included their duty-paid value, less any drawback, rebate, etc. The cost of nsport is included only if it is included with the purchase price the firm's accounts. Imported goods are included at their full ivered cost. If in the firm's accounts the transport from docks or port is not included in the cost of goods purchased, the cost is tered at cif plus duty (if applicable).

#### ECEIPTS FOR WORK DONE AND INDUSTRIAL SERVICES ENDERED

gures for work done represent the amount charged for work ried out on materials supplied by a customer and include repair wrk. Within certain industries this heading covers a wide variety of ctivities, for example, within the food sector - butter packed on mission; within the textile industries - making up of garments, dressing and textile finishing; within printing and publishing eparatory work on type-setting, block making and binding. ork done is also significant in the electrical machinery and heavy ineering industries, covering erection, installation and repair and bing work. Other activities within this heading include explortion work, research and development, glass-cutting and dressing d planing of timber.

dustrial services rendered include repairs and maintenance, stallation work, and technical research and studies for other anisations

#### EMUNERATION PAID TO OUTWORKERS

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

#### LES OF GOODS PRODUCED

les for the purposes of the annual censuses means deliveries on le of goods made by establishments in the United Kingdom vered by the inquiry. Sales of goods made for these establishents by outworkers or by other establishments from materials en out to them and sales of waste products are included. Forand sales and canteen takings are excluded. All sales in the period the inquiry are included irrespective of when the goods were anufactured

#### 11

exported. STOCKS AND WORK IN PROGRESS merchanting or factoring.

deducted

WAGES AND SALARIES 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.

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 independant purchaser. Goods transferred to wholesale or retail selling organisations, for which separate accounts are kept, are valued on the same basis.

The value shown for sales is the "net selling value" defined as the amount (excluding VAT) charged to customers, whether on an exworks or delivered basis, after any trade discounts and agents' com-missions 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

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

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

Produced in The UK by Her Majesty's Stationery Office Reprographic Unit, Cardiff Dd. 697875 C5 Cdf 451 5/83

an an a' anetar



# © Crown copyright 1983

#### Her Majesty's Stationery Office

#### Government Bookshops

49 High Holborn, London WC1V 6HB 13a Castle Street, Edinburgh EH2 3AR 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

'Brief extracts from this publication may be reproduced provided the source is fully acknowledged. Proposals for reproduction of larger extracts should be addressed to the Librarian, Business Statistics Office, Government Buildings, Cardiff Road, Newport, Gwent NPT 1XG.'