PA442

8/42 (44251)

PR834

1976

Business Statistics Office

Business Monitor

Report on the Census of Production

BRITISH LIBRARY

13 JIII 19 Men's and boys' tailored
OF POLITICAL AND ECONOMIC SCIENCE OUTER WEAR
ECONOMIC SCIENCE OUTER WEAR



Special Note for Purchasers

Commencing with the 1971 Census, the Census of Production reports are being numbered in a uniform series embracing all industrial inquiries in the Business Monitor series. These Business Monitors have a code P (for production) followed first by A (indicating that it is an annual series) or Q (quarterly) or M (monthly): and then by a number indicating 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 (details on application to Her Majesty's Stationery Office, P.O. Box 569, London SE1 9NH. Telephone 01-928 6977), although they are not included in the global subscription arrangements for the Business Monitor series.

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
Newport, Gwent
NPT 1XG
Newport 56111 (STD code 0633) ext 2455
Telex 497121
Answer Back BSONPT G

PA442

Business Monitor

A publication of the Government Statistical Service

Report on the Census of Production 1976

Men's and boys' tailored outerwear

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

	Prince on the second second		
PA100		PA369.1	Electrical equipment for motor vehicles, cycles and aircraft
PA101 PA102	Coal mining Stone and slate quarrying and mining		Primary and secondary batteries
PA103	Chalk, clay, sand and gravel extraction	PA369.4	Electric lamps, electric light fittings, wiring
PA104	Petroleum and natural gas Miscellaneous mining and quarrying	PA370	accessories, etc. Shipbuilding and marine engineering
PA109 PA211	Grain milling	PA380	Wheeled tractor manufacturing
PA212	Bread and flour confectionery		Motor vehicle manufacturing
PA213	Biscuits	PA381.2 PA382	Trailers, caravans and freight containers Motor cycle, tricycle and pedal cycle manufacturing
PA214 PA215	Bacon curing, meat and fish products Milk and milk products	PA383	Aerospace equipment manufacturing and repairing
PA216	Sugar	PA384	Locomotives, railway track equipment, railway carriag
PA217	Cocoa, chocolate and sugar confectionery	PA390	wagons and trams Engineers' small tools and gauges
PA218 PA219	Fruit and vegetable products Animal and poultry foods	PA391	Hand tools and implements
PA221	Vegetable and animal oils and fats	PA392	Cutlery, spoons, forks and plated tableware, etc.
	1 Margarine	PA393	Bolts, nuts, screws, rivets, etc.
	2 Starch and miscellaneous foods Brewing and malting	PA394 PA395	Wire and wire manufactures Cans and metal boxes
PA232		PA396	Jewellery and precious metals
	1 Spirit distilling and compounding		Metal furniture
PA239.3	2 British wines, cider and perry Tobacco		Drop forgings, etc. Metal hollow-ware
PA261	Coke ovens and manufactured fuel		Miscellaneous metal manufacture
PA262	Mineral oil refining	PA411	Production of man-made fibres
PA263	Lubricating oils and greases Inorganic chemicals	PA412 PA413	Spinning and doubling on the cotton and flax systems Weaving of cotton, linen and man-made fibres
	2 Organic chemicals	PA414	Woollen and worsted
PA271.3	3 Miscellaneous chemicals	PA415	Jute
PA272 PA273	Pharmaceutical chemicals and preparations	PA416	Rope, twine and net Hosiery and other knitted goods
PA274	Toilet preparations Paint		Warp knitting
PA275	Soap and detergents	PA418	Lace
PA276	Synthetic resins and plastics materials and	PA419	Carpets
PA277	synthetic rubber Dyestuffs and pigments	PA421 PA422 1	Narrow fabrics Household textiles and handkerchiefs
PA278	Fertilizers	THE RESERVE OF THE PERSON NAMED IN	Canvas goods and sacks and other made-up textiles
	Polishes	PA423	
	P. Formulated adhesives, gelatine, etc.		Asbestos Miscellaneous textile industries
	Explosives and fireworks Formulated pesticides, etc.	PA431	Leather (tanning and dressing) and fellmongery
	Printing ink	PA432	Leather goods
	Surgical bandages, etc.	PA433	Fur Wash space of automore
PA279.7	Photographic chemical materials Iron and steel (general)	PA441 PA442	Weatherproof outerwear Men's and boys' tailored outerwear
PA312	Steel tubes	PA443	Women's and girls' tailored outerwear
PA313	Iron castings, etc.	PA444	Overalls and men's shirts, underwear, etc.
PA321 PA322	Aluminium and aluminium alloys	PA445 PA446	Dresses, lingerie, infants' wear, etc. Hats, caps and millinery
PA323	Copper, brass and other copper alloys Miscellaneous base metals		Corsets and miscellaneous dress industries
PA331	Agricultural machinery (except tractors)	PA449.2	Gloves -
PA332	Metal-working machine tools	PA450	Footwear Refrestory goods
PA333.2	Pumps Valves		Refractory goods Building bricks and non-refractory goods
	Compressors and fluid power equipment	PA462	Pottery
PA334	Industrial engines	PA463	Glass
PA335	Textile machinery and accessories	PA464	Cement Abrasives
PA336 PA337	Mechanical handling equipment		Miscellaneous building materials and mineral products
PA338	Office machinery	PA471	Timber
	Mining machinery	PA472 PA473	Furniture and upholstery
	Printing, bookbinding and paper goods machinery Refrigerating machinery, space-heating,	PA474	Bedding, etc. Shop and office fitting
	ventilating and air-conditioning equipment	PA475	Wooden containers and baskets
PA339.5	Scales and weighing machinery and portable	PA479	Miscellaneous wood and cork manufactures
PA339 7	power tools Food and drink processing machinery and	PA481 PA482 1	Paper and board Cardboard boxes, cartons and fibre-board packing case
1 4000.7	packaging and bottling machinery		Packaging products of paper and associated materials
	Miscellaneous (non-electrical) machinery	PA483	Manufactured stationery
PA341 PA342	Industrial (including process) plant and steelwork		Wallcoverings Miscellaneous manufactures of paper and board
PA349.1	Ordnance and small arms Ball, roller, plain and other bearings	PA485	Printing, publishing of newspapers and periodicals
PA349.2		PA489	General printing and publishing
PA351	Photographic and document copying equipment	PA491	Rubber
PA352 PA353	Watches and clocks Surgical instruments and appliances	PA492 PA493	Linoleum, plastics floor-covering, leathercloth, etc. Brushes and brooms
PA354	Scientific and industrial instruments and systems		Toys, games and children's carriages
PA361	Electrical machinery	PA494.3	Sports equipment
PA362	Insulated wires and cables	PA495	Miscellaneous stationers' goods
PA363	Telegraph and telephone apparatus and equipment	PA496 PA499.1	Plastics products Musical instruments
PA364	Radio and electronic components		Miscellaneous manufacturing industries
PA365.1	Gramophone records and tape recordings	PA500	Construction
PA305.2	Broadcast receiving and sound reproducing equipment	PA601 PA602	Gas • Electricity
PA366	Electronic computers	PA603	Water supply
PA367	Radio, radar and electronic capital goods		Summary tables
PA368	Electrical appliances primarily for domestic use		

The information in this report relates to establishments classified to the Men's and boys' tailored outerwear industry, minimum list heading 442 in the Standard Industrial Classification (revised 1968). The activities of the industry include:—

Making men's and boys' overcoats, suits, jackets, trousers, kilts, uniforms, liveries, etc. whether ready-made or to measure. Clerical (cassocks, surplices, etc.), academic, legal, etc. clothing is included but jeans and similar garments are excluded. Retail bespoke tailoring and workrooms attached to retail shops are also excluded.

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

LIST OF CONTENTS

Table	Title *SS.AST ava.sar				Page
No					
1	Output and costs, 1973 - 1976				2
2	Capital expenditure, 1973 - 1976				3
3	Stocks and work in progress, 1973 -	1976			3
4	Analysis of establishments by size, 1	1976			4-5
5	Regional distribution of employment at factor cost, 1976	nt, net capital expend	iture, net output and g	gross value added	6
6	Percentage analysis of twelve-month Kingdom establishments employing	periods covered by 20 or more persons,	returns received from U 1976	Jnited	7
7	Percentage analysis of employees, b	y full and part-time e	employment and sex, 19	976	7

Electrical appliances primarily for domestic use

PA442

Output and costs, 1973 - 1976
All United Kingdom establishments classified to the industry (a)

	Unit	1973	1974	1975	1976
Enterprises	Number	1,092	1,178	1,194	1,201
Establishments	leans and gimilar	1,199	1,278	1,287	1,288
Sales of goods produced	£ thousand	276,812	304,237	361,403	346,678
Receipts for work done and industrial services rendered	Afficiare si si solda sona merco dolah	(b)	(b)	(b)	5,487
Capital goods produced for establishments' own use	"	64	85	84	99
Non-industrial services rendered	"	1,167	2,915	1,442	1,087
Goods merchanted or factored	"	31,118	29,797	35,396	36,947
Total sales and work done (c)	,,	309,160	337,034	398,326	390,298
Increase during the year, work in progress and goods on hand for sale	,,	5,456	10,806	6,385	2,760
Gross output	,,	314,616	347,840	404,711	393,058
Purchases of materials for use in production, and packaging and fuel	"	136,213	152,967	164,959	163,854
Purchases of goods for merchanting or factoring	"	24,011	24,144	27,925	28,531
ncrease during the year, stocks of materials, stores and fuel	"	8,991	4,570	-1,552	4,228
Cost of industrial services received	"	8,242	9,697	9,924	10,787
Net output	"	155,142	165,602	200,350	194,114
Total employment (d)	Thousands	94.9	91.1	85.8	74.9
Net output per head	£	1,635	1,818	2,336	2,593
Payments for non-industrial services					
Rents, hire of plant and machinery (e)(f)	£ thousand	1,953	1,928	2,420	2,568
Commercial insurance premiums	·	1,501	1,386	1,639	2,047
Bank charges	count"	323	433	538	505
Other non-industrial services (g)	"	6,087	5,995	8,718	10,852
icensing of motor vehicles		102	86	81	109
ates, excluding water rates		1,782	2,199	2,632	2,902
Gross value added at factor cost	"	143,392	153,575	184,321	175,132
Gross value added at factor cost per head	£	1,511	1,686	2,149	2,339

⁽a) Including estimates for establishments not making satisfactory returns, non-response and establishments exempt because of size. Satisfactory returns accounted for 76 per cent of employment within the industry.

Capital expenditure, 1973 - 1976

All United Kingdom establishments classifie	ed to the in	ndustry (a)(b)	ed to the nubstry (3)	Housia at naro	detaine mo	£ thousand
To a self-rice some some and as a self-rice some		1973	1974	1975		1976
Land and buildings				(5)	zinen	
New building work		1,394	649	537		480
Land and existing buildings						
Acquisitions		124	228	339		438
Disposals		550	153	68		437
Vehicles						
Acquisitions						
Motor cars		1,379	1,255)	1.070		1.057
Other vehicles		148	106)	1,276		1,657
Disposals						
Motor cars		506	375)			
Other vehicles		16	26)	464		600
Plant and machinery						
Acquisitions		3,855	4,790	4,451		6,093
Disposals		111	147	202		272

⁽a) Including estimates for establishments not making satisfactory returns, non-response and establishments exempt because of size. Satisfactory returns accounted for 76 per cent of employment within the industry.

5,716

6,326

5,869

7,357

TABLE 3

Stocks and work in progress, 1973 - 1976 All United Kingdom establishments classified to the industry (a)

Total net capital expenditure

					£ thousa
	1973	1974	1975		1976
	dares b <u>ne var vysky</u>	ran en was Verbett	Increase	Selection of the	Value at end of yea
Materials, stores and fuel	8,991	4,570	-1,552	4,228	34,882
Vork in progress	2,656	4,137	-1,728	940	17,888
Goods on hand for sale	2,801	6,669	8,113	1,820	33,766
Total	14,447	15,376	4,833	6,988	86,536

⁽a) Including estimates for establishments not making satisfactory returns, non-response and establishments exempt because of size. Satisfactory returns accounted for 76 per cent of employment within the industry.

⁽b) Included with Sales of goods produced.

⁽c) Details of manufacturers' sales of principal products are published regularly in Business Monitor PQ442.

d) Average number employed, including full and part-time employees (see table 7) and working proprietors.

⁽e) 1973 figures include hire of vehicles.

⁽f) For 1973-1975 rents of industrial and commercial buildings were not recorded separately. For 1976 the amount payable was £1,917 thousand.

⁽g) 1974-1976 figures include the cost of hiring goods vehicles.

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

Analysis of establishments by size, 1976
All United Kingdom establishments classified to the industry (a)

Size group (b)	Estab- lish- ments	Enter- prises (c)	Employmen	t		Wages and sa	laries (f)		GOS OF	
			Total (d)	Opera- tives	Others (e)	Operatives		Others (e)	Others (e)	
			(a) tives		(6)	Total	per head	Total	per head	
SPA	Number	Number	Number	Number	Number	£ thousand	£	£ thousand	£	
1 - 10	705	688	3,090)							
11 - 19	172	168	2,471)							
20 - 49	157	157	4,874)	14,208	1,747	20,893	1,470	4,729	2,707	
50 - 99	94	92	6,500)							
100 - 199	80	76	11,120	9,650	1,445	14,441	1,496	3,815	2,640	
200 - 299	30	29	7,307	6,277	1,026	9,527	1,518	2,935	2,860	
300 - 399	19	17	6,445	5,734	697	8,830	1,540	1,828	2,622	
400 - 499	5	784.55	2,169	1,901	268	2,665	1,402	679	2,534	
500 - 749	12	10	7,068	6,205	861	9,620	1,550	2,199	2,554	
750 - 999	6	6	5,298	4,602	696	6,337	1,377	1,972	2,833	
,000 and over	8	7	18,532	16,052	2,480	27,670	1,724	6,686	2,696	

Total	1,288	1,201	74,874	64,629	9,220	99,982	1,547	24,842	2,694

⁽a) Including estimates for establishments not making satisfactory returns, non-response and establishments with fewer than 20 employees.

Total sales and work done (g)	Gross output	Net output			AST PROPERTY	Net capital expenditure (h)	Total stocks and work in progress at end of year
		Total	per head	Total	per head		
£ thousand	£ thousand	£ thousand	£	£ thousand	£	£ thousand	£ thousand
		binstapett 3.					
80,889	81,453	40,447	2,388	(j)	(j)	2,099	15,639
						3 8	
55,949	55,697	27,439	2,468	60,281(j)	2,194(j)	860	11,032
41,278	41,393	19,820	2,712	17,429	2,385	870	9,321
32,759	33,351	17,234	2,674	15,360	2,383	596	8,548
11,064	11,143	5,455	2,515	4,717	2,175	148	2,524
41,103	41,220	19,683	2,785	18,413	2,605	675	9,718
23,312	23,044	12,420	2,344	11,169	2,108	423	6,908
103,944	105,758	51,616	3,048	47,763	2,820	1,686	22,846

390,298	393,058	194,114	2,593	175,132	2,339	7,357	86,536

⁽f) The cost of employers' contributions to national insurance, graduated pensions, other pensions and welfare schemes and the running costs of canteens, is estimated for the industry at £13,794 thousand. In addition, the remuneration of outworkers on returns received was £1,032 thousand for 1976.

⁽b) Average number employed, including full and part-time employees (see table 7) and working proprietors.

⁽c) The sum of the figures for the size groups may exceed the total for the industry because some enterprises control establishments in more than one size group.

⁽d) Including working proprietors.

⁽e) Administrative, technical and clerical employees.

⁽g) Sales of goods produced, capital goods manufactured, buildings constructed by establishments for their own use, work done, industrial and non-industrial services rendered and merchanted goods.

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

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

PA442

TABLE 6

PA442

Regional distribution of employment, net capital expenditure, net output and gross value added at factor cost, 1976 All United Kingdom establishments classified to the industry

Area	Total employme	nt (a)	Net capital expenditure	(b)(c)	the region fro	gross value adde om returns rece nore than 80 pe egion (d)	ived from es	tablish-
					Net output	Gross value added at factor cost	Employm percentag regional e	
basaba 1 d	man out 3	a linear	and the second of the	Content 3	c thisassion 2	(bridewigh	in the ind	lustry
	Thousands	per cent of United Kingdom	£ thousand	per cent of United Kingdom	£ thousand	£ thousand		
Standard regions of England								
North	8.5	11.4	605	8.2	5,752	5,445	32.8	
Yorkshire and	Service Control							
Humberside	20.9	27.9	1,843	25.0	22,770	20,493	48.1	
East Midlands	3.9	5.2	443	6.0	6,978	6,137	62.0	
East Anglia	1.8	2.4	173	2.4	5,278	4,885	78.2	
South East	10.1	13.4	000,713	0,078.0	17,254,663	1340 . 1063		
South West	1.9	2.6	338	4.6	2,767	2,518	57.3	
West Midlands	5.1	6.8	818.90	27.76*(30)	0.600054.61	* 57.6 * 05.5.)	•	
North West	9.3	12.4	863	11.7	9,061	8,123	38.3	
England	61.5	82.2	6,289	85.5	75,191	67,994	46.3	THE PARTY.
Wales	3.8	5.1	270	3.7	6,400	6,057	73.7	
Scotland	6.5	8.7	738	10.0	10,983	9,880	70.3	
Great Britain	71.9	96.0	7,296	99.2	*	*	*	
Northern Ireland	3.0	4.0	61	0.8	*	*	•	
Unallocated (e)	-	-	_	-	95,659	85,796	-	
United Kingdom (b)	74.9	100.0	7,357	100.0	194,114	175,132		/

(a) Average number employed, including full and part-time employees (see table 7) and working proprietors.

(b) Including estimates for establishments not making satisfactory returns, non-response and establishments with fewer than 20 employees.

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

(d) Where a census return covered addresses in two or more regions an estimate was made of the net output and gross value added attributable to the region only where more than 80 per cent of the establishment's employees were located in the region. The estimate was made by assuming that net output and gross value added at each address covered by a return was proportional to employment at the address.

(e) Unallocated net output and gross value added covering establishments with addresses in two or more regions, plus estimates for unsatisfactory returns, non-response and establishments exempt because of size.

Percentage analysis of twelve-month periods covered by returns received from United Kingdom establishments employing 20 or more persons, 1976

Accour	nting year ended	Percentage of total returns received	Percentage of total number employed
	erior our ne cours	per cent	per cent
1976	April (a)	1.2	0.3
	May	4.5	3.5
	June	6.6	7.3
	July	4.1	3.8
	August	3.3	16.4
	September	5.4	bereite 5.1 state to entre of bigg strucks
	October	2.9	2.1
	November	5.4	3.3
	December	38.3	28.8
1977	January	11.9	15.8
	February	2.1	0.7
	March (b)	14.4	13.0

(a) From 6th April.

(b) Including returns made for twelve-month period ended 1st to 5th April 1977.

TABLE 7

Percentage analysis of employees, by full and part-time employment and sex, 1976(a)

Sex	Full-time	Part-time	All employees
The state of the s	per cent	per cent	per cent
Male	22	The loads	23
Female	63	14	

Source: Department of Employment

(a) The percentages relate to the numbers employed (excluding working proprietors) in the United Kingdom at end June, 1976.

Produced in Wales by Her Majesty's Stationery Office Reprographic Unit, Cardiff Dd. 597332 K6 Cdf 110 5/79 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, 1976.

GENERAL INFORMATION

Changes made for 1976

The Census for 1976 is in line with similar inquiries being conducted in other member countries of the European Economic Communities. There was a small number of changes in the scope of the industry reports compared with 1975. These include separate headings for:

Sales of goods produced

Receipts for work done and industrial services rendered

Amounts paid for hire of plant and machinery Amounts paid for rent of industrial and

commercial buildings Specific changes are explained in the introductions to the industry reports or by footnotes to the tables.

Suppression of information relating to individual undertakings

Section 9(5)(b) of the Statistics of Trade Act 1947 states - "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."

If a figure involved disclosure the contributor concerned was sometimes asked to give permission for its publication. In the majority of cases permission was given. When it was refused and where contributors were not approached the figure has been suppressed, either by combining it with other figures, or as in the regional tables, by omitting the figure altogether.

Symbols used

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 enter-

prises R revised

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

Industrial classification United Kingdom Standard Industrial Classification (SIC) was first issued in 1948 and was subsequently revised in 1958 and 1968. exists to promote uniformity and comparability in the official statistics of the United Kingdom, The general principles followed are those of International Standard Industrial Classification of all Economic Activities of the United Nations Statistical Office but the United Kingdom SIC reflects the organisation and structure of industry and trade as it exists in the United Kingdom. The SIC is a classification by activity and is not a commodity classification. However an index of all commodity headings for which sales data are provided in the Quarterly Business Monitors, is published in Business Monitor P01000.

Statistical units

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, 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 farm, a mine or a 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. Sometime 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 separate 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 loca units). Separate figures are obtained of employment and net capital expenditure at each unit in order to compile regional tables.

Efforts are made by the Business Statistics Office to ensure, by negotiating with respondents, that the return from an establishment does not cover local units or addresses in more than one of the countries of the United Kingdom.

Further information about the statistical un appeared in an article "The statistical unit in business inquiries" in Statistical News No.13 Ma

Establishments are asked to exclude from their returns particulars relating to any department no engaged in production e.g. merchanting, transport warehousing, for which they keep a separate set of accounts. Transfers of goods produced to such departments are treated as sales and respondent are asked to value them as far as possible as sold to an independent purchaser. Where separat accounts are not kept they are asked to include details of all these activities in their return Particulars relating to head offices mainlengaged in the administration of the production units within the scope of the census we included. Where more than one return was made the information in respect of the head office apportioned among them.
For certain purposes in the annual censuses

production (especially the enterprise analyses of Rusiness Monitor PA1002) related establishments are combined. For these purposes an enterprise group may be defined as a business consisting of either a single establishment or two or more establishments under common ownership or control. Bringing together establishments into enterprise groups is also necessary for the purpose of ensuring that there will be no disclosure of the activities of any one enterprise group. Information about the relationship of 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 establish-

THE REGISTER

The register permits a questionnaire to be sent direct to the reporting establishment on which the latter can include information relating to all the manufacturing (or local) units which it comprises.

The inquiries provide a major source of information for keeping the register continuously up-to-date and act as a check on its detail and structure. For the establishments on the register making returns to the quarterly inquiries, the industrial classification is derived from an analysis of their sales of commodities and is reviewed annually. Employment data are entered on the register from returns to the annual census of production. In cases where an establishment does not make a return to these inquiries the employment data are based on information provided by the Department of Employment from the annual censuses of employment.

Establishments with 20 or more employees are included in the censuses each year and the information they supply to the census is supplemented by the returns that those with 25 or more employees provide to the quarterly inquiries. Information about establishments with fewer than 20 employees in most industries is less securely based, but increasing use has been made of data on these small establishments supplied by the Department of Employment. One benefit of using this information is an improvement in the estimates of the number of smaller establishments and enterprises, but there is little effect on other aggregates (e.g. employment, output, net capital expenditure).

Coverage

A return was required in the 1976 Census from each establishment with 20 or more employees. Each establishment is classified to an industry, as defined in the SIC, whose principal products form the major part of the establishment's sales.

The regions defined in Table 5 take account of the boundary changes arising out of the Local Government Act 1972 and the Local Government Act (Scotland) 1973. These changes came into effect in April 1974 in England and Wales and May 1975 in Scotland.

TERMS USED IN THE CENSUS REPORT

Average number employed Establishments were required to state the number of persons on the payroll on average during the year of return, whether full-time or part-time

- employees. Separate figures were required for: (a) administrative, technical and clerical employees
 - (b) 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. 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 "selfemployed" for national insurance purposes and members of their families who worked in the business without receiving a wage or salary; but such persons who worked 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, superintendents 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 speaking, all manual wage They include operatives employed in earners. power stations, transport (including roundsmen), warehouses, stores, shops and canteens, inspectors, maintenance workers and cleaners. canteens, Operatives engaged in outside work of erecting, fitting etc. are also included, but outworkers are excluded.

Capital expenditure

Capital expenditure during the year in respect of manufacturing 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 each 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 establishment's 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.

(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 is 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.

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 rent of industrial and commercial buildings, hire of plant and machinery, commercial insurance premiums, bank charges and amounts paid for professional services, post office services, transport, 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.

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.

Net output

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.) and 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 part-time) on all activities covered by the returns, including operatives, administrative, technical and clerical employees and working proprietors, but excluding outworkers.

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 and machinery, commercial insurance premiums, bank charges and amounts paid for professional services, post office services, transport 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.

Purchases

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 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 department. 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 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 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). Leasing, renting and hire purchase charges are excluded.

Sales of goods produced

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 by outworkers or by other establishments from materials given out to them and sales of waste products are included. New building work and machinery or other capital items produced by establishments for hiring out or leasing are regarded as sales, the value included in the return being that adopted in the establishments capital asset accounts. Forward sales and canteen takings are excluded. All sales in the period of the inquiry are included irrespective of when the goods were manufactured. 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 i 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.
The value shown for sales is the "net selling

The value shown for sales is the "net selling value" defined as the amount (excluding value added tax) 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 of

Work done and industrial services rendered 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.

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

Capital goods produced for establishments' own use this includes all work of a capital nature carried out during the year by the establishments' own staff for their own use.

Non-industrial services rendered

This includes rents received for commercial and Industrial buildings, amounts charged for hiring out plant, machinery 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.

Goods merchanted or factored

Merchanted goods are those (excluding canteen sales) sold without having been subjected to any manufacturing process by the seller.

Stocks and work in progress

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. 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, together with a margin of overhead costs and profits. Progress payments made to subcontractors are excluded and progress payments received from other organisations are not 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 value of any payments in kind, travelling expenses etc. is excluded.

emuneration paid to outworkers

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.

Employers' insurance and welfare contributions
This Item includes employers' contributions to
national insurance and graduated pensions (and/or
earnings related basic contributions under the

Social Security Act, 1973) 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.

© Crown copyright 1979

Her Majesty's Stationery Office

Government Bookshops

49 High Holborn, London WC1W6HB
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