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12 1834 976 **Business Statistics Office** 

## **Business Monitor**

Report on the Census of Production

Miscellaneous textile industries





#### 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.

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# PA429.2 Business Monitor

A publication of the Government Statistical Service

Report on the Census of Production 1976

# Miscellaneous textile industries

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

Stone and slate quarrying and mining

Miscellaneous mining and quarrying

Bacon curing, meat and fish products

Cocoa, chocolate and sugar confectionery

Petroleum and natural gas

Milk and milk products

Bread and flour confectionery

Fruit and vegetable products

Vegetable and animal oils and fats

Coke ovens and manufactured fuel

Pharmaceutical chemicals and preparations

Synthetic resins and plastics materials and

Animal and poultry foods

PA229.2 Starch and miscellaneous foods

PA239.1 Spirit distilling and compounding

Lubricating oils and greases

Brewing and malting

PA239.2 British wines, cider and perry

Mineral oil refining

Toilet preparations

Soap and detergents

Dyestuffs and pigments

PA279.2 Formulated adhesives, gelatine, etc.

Iron and steel (general)

Miscellaneous base metals

Metal-working machine tools

PA333.3 Compressors and fluid power equipment

Textile machinery and accessories Construction and earth-moving equipment

Mechanical handling equipment

Aluminium and aluminium alloys

Copper, brass and other copper alloys

Agricultural machinery (except tractors)

synthetic rubber

PA279.3 Explosives and fireworks

PA279.6 Surgical bandages, etc. PA279.7 Photographic chemical materials

Steel tubes

Iron castings, etc.

Industrial engines

PA279.4 Formulated pesticides, etc.

Fertilizers

Chalk, clay, sand and gravel extraction

Coal mining

Biscuits

Sugar

Margarine

Tobacco

PA271.1 Inorganic chemicals

PA271.3 Miscellaneous chemicals

PA271.2 Organic chemicals

Paint

PA279.1 Polishes

PA279.5 Printing ink

PA101 PA102

PA104

PA109

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PA338

PA333.1 Pumps

PA333.2 Valves

PA369.1	Electrical equipment for motor vehicles, cycles
	and aircraft
DA360 2	Primary and secondary hatteries

Flectric lamps, electric light fittings, wiring PA369.4 accessories, etc. Shipbuilding and marine engineering

PA380 Wheeled tractor manufacturing Motor vehicle manufacturing PA381 1 Trailers, caravans and freight containers PA381.2

Motor cycle, tricycle and pedal cycle manufacturing Aerospace equipment manufacturing and repairing PA383 Locomotives, railway track equipment, railway carriages, PA384 wagons and trams

Engineers' small tools and gauges PA390 Hand tools and implements PA391 Cutlery, spoons, forks and plated tableware, etc. PA392

Bolts, nuts, screws, rivets, etc. PA393 PA394 PA395 Wire and wire manufactures Cans and metal boxes

Jewellery and precious metals PA396 PA399 Metal furniture PA399.5 Drop forgings, etc.

PA399.6 Metal hollow-ware Miscellaneous metal manufacture
Production of man-made fibres PA399.8 PA411

PA412 Spinning and doubling on the cotton and flax systems PA413 Weaving of cotton, linen and man-made fibres

Woollen and worsted PA414 PA415 Jute

PA416 Rope, twine and net Hosiery and other knitted goods PA4171 PA417.2 Warp knitting

PA418 PA419 PA421 Carpets Narrow fabrics

Household textiles and handkerchiefs

Canvas goods and sacks and other made-up textiles PA422.2 PA423 Textile finishing PA429.1 Asbestos

Miscellaneous textile industries PA429.2 Leather (tanning and dressing) and fellmongery PA431

PA432 Leather goods PA433 PA441 Weatherproof outerwear

PA442 Men's and boys' tailored outerwear PA443 Women's and girls' tailored outerwear Overalls and men's shirts, underwear, etc. PA444

PA445 Dresses, lingerie, infants' wear, etc. Hats, caps and millinery PA446

PA449. Corsets and miscellaneous dress industries PA449.2 Gloves PA450 Footwear

PA461.1 Refractory goods PA461.2 Building bricks and non-refractory goods PA462 Pottery

PA463 Glass

PA464 Cement PA469 1 Ahrasives

PA469.2 Miscellaneous building materials and mineral products Timber PA471

Office machinery Furniture and upholstery PA472 PA339.1 Mining machinery PA473 Bedding, etc. PA339.2 Printing, bookbinding and paper goods machinery Shop and office fitting PA339.3 Refrigerating machinery, space-heating, ventilating and air-conditioning equipment PA475

Wooden containers and baskets
Miscellaneous wood and cork manufactures PA339.5 Scales and weighing machinery and portable PA479 PA481 Paper and board power tools

Cardboard boxes, cartons and fibre-board packing cases PA339.7 Food and drink processing machinery and PA482. Packaging products of paper and associated materials

Manufactured stationery PA482 2 packaging and bottling machinery PA483 Miscellaneous (non-electrical) machinery Wallcoverings PA484. Industrial (including process) plant and steelwork PA341

Miscellaneous manufactures of paper and board PA484 2 Ordnance and small arms Printing, publishing of newspapers and periodicals PA485 Ball, roller, plain and other bearings PA489 General printing and publishing PA349.2 Precision chains and other mechanical engineering

PA491 Rubber PA351 Photographic and document copying equipment Linoleum, plastics floor-covering, leathercloth, etc. Watches and clocks PA492 Brushes and brooms
Toys, games and children's carriages PA353 Surgical instruments and appliances PA494 1 PA354 Scientific and industrial instruments and systems

PA494.3 Sports equipment Electrical machinery PA495 Miscellaneous stationers' goods PA362 Insulated wires and cables PA496 Plastics products PA363 Telegraph and telephone apparatus and

equipment PA499 Musical instruments Miscellaneous manufacturing industries PA499.2 PA364 Radio and electronic components PA500 Construction Gramophone records and tape recordings PA365.1

PA601 Gas PA365.2 Broadcast receiving and sound reproducing PA602 Flectricity equipment PA603 Water supply Electronic computers

PA366 Radio, radar and electronic capital goods Summary tables PA367 PA1002 PA368 Electrical appliances primarily for domestic use

MA29.2 MISCELLANEOUS TEXTILE INDUSTRIES

he information in this report relates to establishments classified to the Miscellaneous textile industries, minimum list heading 429.2 in the ndard Industrial Classification (revised 1968). The activities of the industry include:-

Manufacturing coir mats, needleloom felt, needleloom carpet, etc., and non-woven (bonded fibre) fabrics; and spinning and weaving coconut fibre, horsehair, ramie, etc.

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

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

	Unit	1973	1974	1975	1976
Enterprises	Number	76	77	79	107
Establishments	"	87	85	84	116
Sales of goods produced	£ thousand	58,941	63,204	66,043	88,107
Receipts for work done and industrial services rendered	namassa a m seo	(b)	(b)	(b)	1,372
Capital goods produced for establishments' own use		34	27	(b)	55
Non-industrial services rendered	"	26	67	(b)	53
Goods merchanted or factored	,,	1,811	1,598	1,926	4,218
Total sales and work done (c)		60,813	64,897	67,969	93,806
Increase during the year, work in progress and goods on hand for sale	,,	497	1,236	-82	633
Gross output	"	61,310	66,133	67,887	94,439
Purchases of materials for use in production, and packaging and fuel	"	33,717	37,835	33,141	46,647
Purchases of goods for merchanting or factoring	"	1,674	1,438	1,576	3,539
Increase during the year, stocks of materials, stores and fuel	,,	2,216	155	-1,196	2,029
Cost of industrial services received	"	1,908	2,650	2,615	3,549
Net output		26,226	24,366	29,359	42,732
Total employment (d)	Thousands	5.8	5.5	5.5	6.5
Net output per head	£	4,538	4,410	5,343	6,594
Payments for non-industrial services					
Rents, hire of plant and machinery (e)(f)	£ thousand	110	184	479	497
Commercial insurance premiums	"	398	490	497	628
Bank charges	"	47	83	31	60
Other non-industrial services (e)	"	2,967	3,169	3,887	5,302
Licensing of motor vehicles		17	29	23	27ИЗТИОО 54) ТО
Rates, excluding water rates	"	187	298	464	660
Gross value added at factor cost	<b>"</b>	22,499	20,113	23,977	35,531
Gross value added at factor cost per head	£	3,893	3,657	4,363	5,483

Including estimates for establishments not making satisfactory returns, non-response and establishments exempt because of size. Satisfactory returns accounted for 83 per cent of employment within the industry. (a)

TABLE 2

PA429.2

Capital expenditure, 1973 - 1976
All United Kingdom establishments classified to the industry (a)(b)

-	+h		

					£ thoi	usand
1973	1974		1975		1976	STORES
	Restor cost		(5)	(h) -amem	B. C. S.	193 0 (E)
VideroqC <sub>1,111</sub> Production	541		516		236	
15	32		70		737	
49	-		-		-	
172	177)		224		579	
110	95)					
35000 3,4548	65.)					
9888,1 7 A.9881 7	23)		53		130	
3,017	4,047		1,426		2,532	
31	81		65		102	
4,263	4,722		2,117		3,852	
	1,111  15  49  172  110  75  7  3,017  31	1,111 541  15 32  49 -  172 177)  110 95)  75 65)  7 23)  3,017 4,047  31 81	1,111 541  15 32  49 -  172 177)  110 95)  75 65)  7 23)  3,017 4,047  31 81	1,111 541 516  15 32 70  49  172 177)  110 95)  224  75 65)  7 23)  3,017 4,047 1,426  31 81 65	1,111 541 516  15 32 70  49  172 177 )  110 95 )  224  75 65 )  7 23 )  3,017 4,047 1,426  31 81 65	1,111     541     516     236       15     32     70     737       49     -     -     -       172     177)     224     579       110     95)     53     130       7     23)     53     130       3,017     4,047     1,426     2,532       31     81     65     102

Including estimates for establishments not making satisfactory returns, non-response and establishments exempt because of size. Satisfactory returns accounted for 83 per cent of employment within the industry.

#### TABLE 3

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

£ thousand

-865,952 3,630 s	1973	1974	1975		1976
	retnermidesee has sonoci	resuns nonser	Increase	merrode I dan Heren I. 1938	Value at end of year
Materials, stores and fuel	2,216	155	-1,196	2,029	7,685
Work in progress	160	257	-271	579	2,021
Goods on hand for sale	337	979	189	54	4,612
Total	2,713	1,391	-1,279	2,662	14,318

Including estimates for establishments not making satisfactory returns, non-response and establishments exempt because of size. Satisfactory returns accounted for 83 per cent of employment within the industry.

<sup>(</sup>b) Included with sales of goods produced.

<sup>(</sup>c) Details of manufacturers' sales of principal products are published regularly in Business Monitor PQ429.2.

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

<sup>(</sup>e) 1973 figures include hire of vehicles.

For 1973-1975 rents of industrial and commercial buildings were not recorded separately. For 1976 the amount payable was £151 thousand.

<sup>1974-1976</sup> figures include the cost of hiring goods vehicles.

<sup>(</sup>b) Capital expenditure in respect of manufacturing establishments where production had not commenced before the end of the year, is

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

Size group (b)	Estab- lish- ments	n- prises				Wages and salaries (f)			
			Total (d)	Opera- tives	Others (e)	Operatives		Others (e)	bitting state
Store or proper						Total	per head	Total	per head
Paradokusa (Paradokusa (Parado	Number	Number	Number	Number	Number	£ thousand	£	£ thousand	£
1 - 10	49	48	291)						
11 - 19	16	16	243)						
20 - 49	17	17	) 511)	1,524	496	3,816	2,504	1,746	3,519
		No.	)						
50 - 99	15	15	1,021 )						
100 - 199	12	10	1,683	1,283	394	3,454	2,692	1,381	3,505
200 - 299	3	3	708	553	155	1,338	2,420	581	3,748
300 and over	4	4	2,023	1,381	641	4,512	3,267	2,244	3,501

Total	116	107	6,480	4,741	1,686	13,120	2,767	5,952	3,530

<sup>(</sup>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 outp		Aplicated to the second	Gross value added at factor cost	F9070 3513 2007 C	Net capital expenditure (h)	Total stocks and work in progress at end of year
		Total	per head	Total	per head		
£ thousand	£ thousand	f thousand	£ control cont	£ thousand	£ To free team the team to the	£ thousand	£ thousand
29,732	30,165	11,967	5,792	(j)	<b>(j)</b>	883	4,569
25.040	Novemball	888,0 888,00	23.0	868	2.00	os	
25,043 7,948	7,996	11,475 4,259	6,818 6,016	19;347(j) 3,735	5,161(j) 5,275	1,608 454	3,949 887
31,083	31,006	15,031:	7,430	12,449	6,154	907	4,913

93,806	94,439	42,732	6,594	35,531	5,483	3,852	14,318

<sup>(</sup>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 £2,263 thousand.

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

<sup>(</sup>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.

<sup>(</sup>d) Including working proprietors.

<sup>(</sup>e) Administrative, technical and clerical employees.

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.

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

<sup>(</sup>j) Gross value added data relate to establishments employing 1-199.

TABLE 6

Area	Total employment	t (a)	Net capital expenditure	expenditure (b)(c) the region ments with		let output, gross value added and employment in he region from returns received from establish- nents with more than 80 per cent of their employ- nent in the region (d)			
					Net output	Gross value added at factor cost		ge of total employment	
Turapi shirty 7	Thousands	per cent of United Kingdom	£ thousand	per cent of United Kingdom	£ thousand	£ thousand	eau <u>aidh Seola</u>	Brook (s.de	
		Kingaoiii		Kingdom					
Standard regions of England									
. 938,4									
North	_	_	-		-		-		
Yorkshire and Humberside	2.0	30.5	884	23.0	12,145	9,888	85.2		
East Midlands	0.3	4.0	120	3.1	*	*	* A/2/981		
East Anglia	0.2	2.7	380	9.9	1 3/30 - 685	QS-2,4,2	800,501		
South East	0.4	5.8	219	5.7	781	631	43.0		
South West	•		•	•	•		*		
West Midlands									
North West	2.7	41.4	1,910	49.6	13,429	11,243	80.3		
England	6.3	96.8	3,828	99.4	33,152	27,528	79.4		
Wales		*	*	*	*	*	•		
Scotland	0.2	2.8	14	0.4	683	539	86.1		
Great Britain	*	•	*	*	*	•	*		
Northern Ireland	*		*	*					
Unallocated (e)	_	_	_	_	8,897	7,464	-		
United Kingdom (b)	6.5	100.0	3,852	100.0	42,732	35,531		_	

(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.

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

Accoun	ting year ended	nded Percentage of total returns received		Percentage of total number employed		
	secolar battal and	per cent	per cent	POCTAMAGONI JAKE		
1976	April (a)	0.0	0.0			
	May	0.0	0.0			
	June	5.1	5.5			
	July	0.0	0.0			
	August	5.1	1.5			
	September	0.0	0.0			
	October	0.0	0.0			
	November	0.0	0.0			
	December	53.9	45.5			
1977	January	12.8	16.6			
	February	2.6	4.1			
	March (b)	20.5	26.8			

(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) "Other textile" industries, minimum list heading 429

Sex	Full-time	Part-time	All employees
orca del sego	per cent	per cent	per cent
Male	75	permitted 1 seems a set	76
Female	19	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	24

Source: Department of Employment

(a) The percentages relate to the numbers employed (excluding working proprietors) in the United Kingdom in minimum list heading 429 at end June, 1976. In the 1976 Census of Production the employment of the Miscellaneous textile industries represented 26 per cent of the employment of minimum list heading 429 as a whole.

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 enterprises

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 shown.

Industrial classification

United Kingdom Standard Industrial Classification (SIC) was first issued in 1948 and was subsequently revised in 1958 and 1968. It 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 PQ1000.

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, turn-over, 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. 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 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 local 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 unit appeared in an article "The statistical unit in business inquiries" in Statistical News No.13 May 1971.

Establishments are asked to exclude from their returns particulars relating to any department not engaged in production e.g. merchanting, transport, warehousing, for which they keep a separate set of 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 they 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 were included. Where more than one return was made the information in respect of the head office was apportioned among them. For certain purposes in the annual censuses of

roduction (especially the enterprise analyses of isiness Monitor. PA1002) related establishments combined. For these purposes an enterprise group may be defined as a business consisting of other a single establishment or two or more stablishments under common ownership or control. ringing together establishments into enterprise is also necessary for the purpose of nsuring that there will be no disclosure of the activities of any one enterprise group. information about the relationship of stablishments, the changing structure of groups companies and about common ownership links is htained 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 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 the content of these inquiries the employment data are based on information provided by the Department of Employment from the annual censuses of employment.

istablishments 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 imployment. 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).

overage

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

glons

he regions defined in Table 5 take account of the oundary changes arising out of the Local overnment Act 1972 and the Local Government Act Scotland) 1973. These changes came into effect in pril 1974 in England and Wales and May 1975 in cotland.

ERMS USED IN THE CENSUS REPORT

verage number employed

istablishments 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)

Merages could be calculated from the figures felating 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 "self-employed" 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 earners. They include operatives employed in power stations, transport (including roundsmen), warehouses, stores, shops and canteens, inspectors, maintenance workers and cleaners. 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 establishpayments 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.

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 nonindustrial 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 include the cost of raw materials,

components, semi-manufactured goods and workshop materials; of replacement parts and consumable materials; of representation participation and printed materials of all types; of stationery and printed materials of all Types; of Stationary 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 estab-lishment's own use; of materials for use by the establishment when working on goods supplied by customers; and of food, etc. for any cantee 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 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 out during the year by the establishments' own plant charged to capital account. Purchases of staff for their own use. 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 it is included with the purchase price in the firm's included with the purchase price in the firm's accounts. Imported goods are included at their goods for merchanting or factoring have been included with the purchase price in the tirm's facilities as canteens.

accounts. Imported goods are included at their full delivered cost. If in the firm's accounts the foods merchanted or factored transport from docks or airport is not included in the cost of goods purchased, the cost is entered at sales) sold without having been subjected to any coi.f. plus duty (if applicable). Leasing, renting manufacturing process by the seller. 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 cantee 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 ancillar Sales for the purposes of the annual censuses goods were manufactured. Goods produced in one establishment and transferred either to ancillar 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 control in the producing as t establishment and valued as far as possible as in they had been sold to an independent purchaser Goods transferred to wholesale or retail selling organisations, for which separate accounts at kept are valued on the same basis. The value shown for sales is the "net selling value" defined as the amount (excluding value added tax) charged to customers whether on a ex-works or delivered basis, after any trad discounts and agents' commissions have been deducted. The cost of packing materials less allowance for returnable cases is included. value stated is usually inclusive of duty if sol industries where products attract Excise Duty duty-paid and exclusive of duty if sold in bond of

Work done and industrial services rendered Figures for work done represent the amount charge for work carried out on materials supplied by 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.

tocks and work in progress

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 sually sold or transferred to another establishment without further processing. The values include the cost of materials consumed and labour Ishment 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 submotractors are excluded and progress payments received from other organisations are not reducted.

lages 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 The value of redundancy payments less any amounts relmbursed from Government sources is included. The value of any payments in kind, travelling expenses etc. is excluded.

muneration paid to outworkers

he 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. ounts paid to outworkers by sub-contractors are

mployers' insurance and welfare contributions his item includes employers' contributions to lational insurance and graduated pensions (and/or rnings 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 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.

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