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PA485 13/42 CHA2S 12836

1974 & 75



Business Statistics Office

Business Monitor

Report on the Censuses of Production

Printing and publishing of newspapers and periodicals

3

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PA485

Business Monitor

A publication of the Government Statistical Service

Report on the Censuses of Production 1974 & 75

Printing and publishing of newspapers and periodicals

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

Grain milling
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

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.

PA279.7 Photographic chemical materials

Iron and steel (general)

Miscellaneous base metals

Metal-working machine tools

Aluminium and aluminium alloys

Textile machinery and accessories

Mechanical handling equipment

PA339.3 Refrigerating machinery, space-heating,

Ordnance and small arms

PA339.5 Scales and weighing machinery and portable

packaging and bottling machinery

Ball, roller, plain and other bearings

Copper, brass and other copper alloys

Agricultural machinery (except tractors)

Compressors and fluid power equipment

Construction and earth-moving equipment

ventilating and air-conditioning equipment

Food and drink processing machinery and

Miscellaneous (non-electrical) machinery

Printing, bookbinding and paper goods machinery

synthetic rubber

PA279.3 Explosives and fireworks

PA279.6 Surgical bandages, etc.

Steel tubes

Pumps Valves

Iron castings, etc

Industrial engines

Office machinery

Mining machinery

PA279.4 Formulated pesticides, etc.

Fertilizers

PA239.1 Spirit distilling and compounding

Lubricating oils and greases

Soft drinks

Tobacco

PA271.1 Inorganic chemicals

PA271.3 Miscellaneous chemicals

PA271.2 Organic chemicals

Chalk, clay, sand and gravel extraction

PA1001 Introductory notes

Biscuits

Sugar

PA229.1 Margarine

Coal mining

PA101

PA102

PA103

PA109

PA211

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PA337

PA338

PA339.1

PA339.7

PA339.9

PA341

PA351

PA279.1 Polishes

PA279.5 Printing ink

PA369.1	Electrical equipment for motor vehicles, cycles
	and aircraft

PA369.2 Primary and secondary batteries

PA369.4 Electric lamps, electric light fittings, wiring accessories, etc.

Shipbuilding and marine engineering PA380 Wheeled tractor manufacturing

PA381 1 Motor vehicle manufacturing PA381.2

Trailers, caravans and freight containers Motor cycle, tricycle and pedal cycle manufacturing PA383 Aerospace equipment manufacturing and repairing PA384 Locomotives, railway track equipment, railway carriages,

wagons and trams Engineers' small tools and gauges

PA391 Hand tools and implements PA392 Cutlery, spoons, forks and plated tableware, etc.

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

Jewellery and precious metals PA399.1 Metal furniture

PA399.5 Drop forgings, etc.

Metal hollow-ware PA399.6 PA399.8 Miscellaneous metal manufacture PA411

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

PA414 Woollen and worsted PA415 Jute

Rope, twine and net PA417.1 Hosiery and other knitted goods

PA417.2 Warp knitting Lace PA419

Carpets PA421 Narrow fabrics

Household textiles and handkerchiefs

PA422.2 Canvas goods and sacks and other made-up textiles PA423

Textile finishing PA429.1 Asbestos

PA429 2 Miscellaneous textile industries

PA431 Leather (tanning and dressing) and fellmongery PA432 Leather goods

PA433

PA441

Weatherproof outerwear Men's and boys' tailored outerwear PA443 Women's and girls' tailored outerwear

PA444 Overalls and men's shirts, underwear, etc. PA445 Dresses, lingerie, infants' wear, etc.

PA446 Hats, caps and millinery

PA449 1 Corsets and miscellaneous dress industries

PA449.2 Gloves

PA450 Footwear

PA461.1 Refractory goods

PA461.2 Building bricks and non-refractory goods

PA462 Potterv PA463 PA464

Cement PA469.1 Abrasives

PA494.3

PA495

PA496

PA499.

PA500

PA601

Miscellaneous building materials and mineral products

PA471 Timber PA472 Furniture and upholstery

Bedding, etc.

PA474 Shop and office fittings

PA475 Wooden containers and baskets

Miscellaneous wood and cork manufactures

PA481

PA482.1 Cardboard boxes, cartons and fibre-board packing cases

Toys, games and children's carriages

Miscellaneous stationers' goods

PA499.2 Miscellaneous manufacturing industries

PA482.2 Packaging products of paper and associated materials PA483 Manufactured stationery

Industrial (including process) plant and steelwork PA484 1 Wallcoverings

PA484.2 Miscellaneous manufactures of paper and board Printing, publishing of newspapers and periodicals

Brushes and brooms

Sports equipment

Plastics products

Construction

Musical instruments

PA349.2 Precision chains and other mechanical engineering PA489 General printing and publishing PA491 Rubber

Photographic and document copying equipment Watches and clocks Linoleum, plastics floor-covering, leathercloth, etc.

PA353 Surgical instruments and appliances PA493 PA354 PA494.1 Scientific and industrial instruments and systems

PA361 Electrical machinery

PA362 Insulated wires and cables

PA363 Telegraph and telephone apparatus and equipment

PA364 Radio and electronic components

PA365.1 Gramophone records and tape recordings Broadcast receiving and sound reproducing PA365.2

PA366 Electronic computers

PA367 Radio, radar and electronic capital goods Electrical appliances primarily for domestic use

Electricity PA603 Water supply Summary tables

Gas

PA485 PRINTING AND PUBLISHING OF NEWSPAPERS AND PERIODICALS

PA485 1

The information in this report relates to establishments classified to the Printing and publishing of newspapers and periodicals industries, minimum list headings 485 and 486 in the Standard Industrial Classification (revised 1968). The activities of the industries include: -

Printing and publishing national daily and Sunday newspapers, local newspapers published at not more than weekly intervals, and periodicals such as magazines, journals of opinion, and trade, technical, professional, religious and specialised publications issued regularly at intervals exceeding 24 hours. It includes newspaper and periodical publishers who do not carry out their own printing, and printers of newspapers and periodicals working on commission.

> 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, 1971-1975

All United Kingdom establishments classified to the industry (a)

	Unit	1971	1972	1973	1974	1975
Enterprises	Number	681	813	1,027	1,141	1,182
Establishments		1,006	1,078	1,327	1,443	1,513
Sales of goods produced, work done and industrial services rendered (b)	£ thousand		esta como na sp	1,031,537	1,162,892	1,356,854
Capital goods produced for establishments' own use (c)		751,100	878,675	148	496	127
Non-industrial services rendered (d)			The base of the last	4,048	5,306	5,566
Goods merchanted or factored	"	16,282	16,587	14,866	19,024	21,638
Total sales and work done (b)(d)	"	767,382	895,262	1,050,599	1,187,717	1,384,186
Increase during the year, work in progress and goods on hand for sale		859	1,518	1,166	4,048	852
Gross output (b)(d) .		768,242	896,779	1,051,766	1,191,765	1,385,038
Purchases of materials for use in production, and packaging and fuel (c)	"]		(251,665	332,918	365,809
Purchases of goods for merchanting or factoring (c)		183,124	213,771	11,087	15,405	17,506
Increase during the year, stocks of materials, stores and fuel		-1,260	2,870	7,287	21,128	-3,667
Cost of industrial services received (e)	"	73,793	77,713	102,024	119,861	140,959
Net output (f)	"	510,066	608,165	694,277	744,709	857,098
Total employment (g)	Thousands	142.0	145.7	145.9	145.5	142.9
Net output per head (f)	£	3,592	4,174	4,760	5,119	5,998
Payments for non-industrial services (h)						
Rents, hire of plant, and machinery (j)	£ thousand		(10,842	11,880	18,980
Commercial insurance premiums	"			3,450	4,006	4,711
Bank charges	"			381	606	610
Other non-industrial services				72,898	83,159	100,899
_icensing of motor vehicles (k)	" }		{	469	473	578
Rates, excluding water rates (k)				6,450	8,223	11,468
Gross value added at factor cost	"			599,786	636,363	719,851
Gross value added at factor cost per head	£			4,112	4,374	5,038

- For 1975, estimates for establishments employing less than 20 persons accounted for 5 per cent of the total employment of the industry. Estimates for unsatisfactory returns and non-response accounted for 11 per cent. For 1974, the comparable figures were 4 per cent and 8 per cent respectively.
- The figures for 1971-1972 do not include receipts for repairs and maintenance.
- Not recorded separately for 1971-1972. (c)
- The figures for 1971-1972 do not include revenue from rents for industrial buildings. (d)
- In connection with matter published and work done on materials supplied for example, printing and preparatory work, binding and other finishing work ancillary to printing, also including authors' royalties, copyright payments, payments to contributors and Rress agencies, and editorial artists' and readers' fees, less payments received from authors. The figures for 1971-1972 exclude the amounts payable for repairs and maintenance.
- The figures for 1971-1972 do not reflect revenue from rents or amounts payable for repairs and maintenance (see footnotes d and e). Casual employees (jobbers) have been excluded from the employment data used in calculating net output per head.
- Average number employed (full and part-time; see table 7) during the year (including working proprietors) by the establishment, excluding casual employees (jobbers) for whom firms did not hold National Insurance Cards. The following information relates to iobbers:-

		1971	1972	1973	1974	1975
Total (average) number	No	7,360	7,701	9,177	8,645	8,623
Wages	£'000	5,451	6,452	11,912	12,272	13,712
Wages/head	£	741	838	1,298	1,420	1,590

- Not collected for 1971-1972 except for amounts payable to other organisations for transport of goods within the United Kingdom.
- For 1973, the figures include hire of vehicles.
- Not collected for 1971-1972.

Capital expenditure, 1971-1975

TABLE 2

All United Kingdom establishments classified to the industry (a) (b)

	Ner extreme		hemselym3	101615 2623		£ thousand
Land and buildings	Partition Self.	1971	1972	1973	1974	1975
New building work Land and existing buildings		5,590	3,838	6,918	7,780	8,133
Acquisitions Disposals		2,007 2,397	1,656 9,654	3,186	1,415 6,954	2,842 6,568
Vehicles Acquisitions			808,6	949	0,004	0,308
Motor cars (c) Other vehicles (c)	}	3,188	5,131	4,453 975	4,360 1,245	5,368
Disposals Motor cars (c) Other vehicles (c)	}	1,285	1,635	1,271 191	1,468	1,559
Plant and machinery				191	141	300-209-2
Acquisitions Disposals		17,323 878	15,935 1,212	22,321 1,208	24,483 1,896	29,233
Total net capital expenditure (d)		23,549	14,058	31,793	28,823	35,059

- (a) Including estimates for establishments not making satisfactory returns, non-response, and establishments exempted by virtue of size.
- (b) Capital expenditure in respect of manufacturing establishments where production had not commenced before the end of the year, is included.
- (c) Not recorded separately for 1971, 1972 and 1975.
- (d) New building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery.

TABLE 3

Stocks and work in progress, 1971-1975

All United Kingdom establishments classified to the industry (a)

Total	-401	4,388	8,454	25,176	-2,815	58,976
Goods on hand for sale	114	743	400	1,654	768	6,280
Work in progress	745	775	767	2,394	84	9,870
Materials, stores and fuel	-1,260	2,870	7,287	21,128	-3,667	42,827
standare evolution apport, our out	or and a b	o mais ent	Increase	Alaqua a glassada	danze formoù auchque?	Value at end of year
	1971	1972	1973	1974	1975	nbuloxe Part are
						£ thousand

(a) Including estimates for establishments not making satisfactory returns, non-response, and establishments exempted by virtue of size.

244,504(k) 3,489 216,871(k) 3,005

58,976

Analysis of establishments by size, 1975
All United Kingdom establishments classified to the industry (a)

Size group (b)	Estab- lish- ments	Enter- prises (c)		Employment			Wages and	d salaries (e)	
			Total (b)	Opera- tives	Others (d)	Operatives		Others (d)	(833) (25 Bass by
	16CT	Sfað ^m	915 E	ERE	5,590	Total	per head	Total	per head
	Number	Number	Number	Number	Number	£ thousand	£ .	£ thousand	£
1 - 10	724	676	3,363					19700 24 187,217 3	
11 - 19	245	225	3,568	0.000	44.047	00.100	2.562	20.912	2,723
20 - 49	202	187	6,338	8,638	11,317	22,136	2,563	30,812	2,723
50 - 99	103	82	7,318		BBUS				
100 - 199	88	73	12,247	6,028	6,213	16,358	2,714	16,407	2,641
200 - 299	52	38	12,637	5,374	7,260	15,207	2,830	18,842	2,595
300 - 399	27	20	9,251	4,333	4,917	13,620	3,143	12,641	2,571
400 - 499	18	14:08:33	7,960	3,316	4,642	10,621	3,203	12,761	2,749
500 - 749	23	17	13,374	6,003	7,370	21,525	3,586	20,523	2,785
750 - 999	7	. 5.07.18	5,885	2,160	3,725	6,527	3,022	11,643	3,126
1,000 - 1,999	10	8	13,294	7,312	5,982	28,447	3,890	20,202	3,377
2,000 - 2,999	7	7	16,803	11,697	5,106	46,840	4,004	17,076	3,344
3,000 and over	7	5	30,850	15,216	15,634	63,223	4,155	55,964	3,580

(a) Including estimates for establishments not making satisfactory returns, non-response, and establishments employing less than 20 persons.

(b) Average number employed (full and part-time; see table 7) during the year (including working proprietors) by the establishment excluding casual employees (jobbers) for whom firms did not hold National Insurance Cards. For separate details see footnote (g) on Table 1.

70,077

72,166

(c) Some enterprises control establishments in more than one size group: the sum of the figures for the size groups therefore exceeds the total for the industry.

(d) Administrative, technical and clerical employees.

1,513

Total

1,182

(e) Another important component of labour costs, employers' national insurance contributions, graduated pensions and welfare schemes and the running costs of canteens, is estimated for the industry at £53,564 thousand. For 1974, the comparable figure was £38,730 thousand.

(f) Comprises sales of goods produced (including capital goods manufactured, buildings constructed by establishments for their-own use), work done, industrial and non-industrial services rendered, goods merchanted or factored.

otal sales nd work one (f)	Gross outpu	nt Net output		Gross value added at factor cost		Net capital expenditure (h)	Total stocks and work in progress at end of year
		Total	per head (g)	Total	per head		
thousand	£ thousand	£ thousand	£	£ thousand	£	£ thousand	£ thousand
176,610	176,666	109,196	5,304	(j)	(j)	4,607	10,960
					***	E.8 9.9	
95,255	95,180	62,935	5,139	146,855(j)	4,473(j)	3,173	5,628
106,415	106,350	65,055	5,148	56,159	4,444	3,569	4,512
73,988	73,893	46,247	4,999	39,676	4,289	2,967	3,573
81,399	82,029	46,154	5,798	37,636	4,728	2,247	6,040
115,817	115,783	73,659	5,508	60,606	4,532	3,782	4,090
54,752	54,802	36,858	6,263	30,664	5;211	2,135	1,658
120,664	120,709	85,691	6,446	79,607	5,988	2,042	2,266
142,688	142,845	94,837	5,644	82,836	4,930	2,590	11,685
416,597	416,781	236,465	7,665	185,812	6,023	7,949	8,564

(g) Casual employees (jobbers) have been excluded from the employment data used in calculating net output per head.

719,850

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

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

(k) The estimates of total wages and salaries for the industry in 1974 were:—

1,385,038

1,384,186

	£′000
Operatives	214,297
e suita sentre ad traverse la traccor maka regiona, gius e	182,490
Others:	102,430

Regional distribution of employment, net capital expenditure and net output, 1975 All United Kingdom establishments classified to the industry

Area	Employme	ent (a)	Net capital e	xpenditure (b)	of establish	Net output and employment in the region of establishments with more than 80 per cent of their employment in the region (d		
					Estimated net output	Average number employed as a percentage of total average number employed in the industry in the region		
0	Thousands	per cent of United Kingdom	£ thousand	per cent of United Kingdom	£ thousand	exacts area		
Standard regions of England								
North	4.1	2.9	275	0.8	18,051	92.6		
Yorkshire and Humberside	6.3	4.4	2,213	6.3	26,098	85.7		
East Midlands	4.5	3.1	1,431	4.1	14,630	65.3		
East Anglia	3.0	2.1	2,774	7.9	14,779	93.0		
South East	79.3	55.5	18,001	51.4	445,645	83.5		
South West	6.4	4.4	1,575	4.5	21,903	78.4		
West Midlands	7.3	5.1	3,137	9.0	24,578	70.8		
North West	16.8	11.8	1,716	4.9	68,780	74.1		
England	127.7	89.4	31,122	88.8	634,463	81.3		
Wales	2.7	1.9	503	1.4	10,210	82.3		
Scotland	10.5	7.3	2,343	6.7	44,556	74.1		
Great Britain	140.8	98.6	33,968	96.9	689,230	80.7		
Northern Ireland	2.0	1.4	1,091	3.1	8,997	91.2		
United Kingdom	142.9	100.0	35,059	100.0	857,098(e)			

(a) Average number employed (full and part-time; see table 7) during the year (including working proprietors).

(b) Including estimates for establishments not making satisfactory returns, non-response, and establishments employing less than 20 persons.

(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 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 at each address covered by a return was proportional to employment at the address. The establishment's residual net output was included in unallocated net output.

(e) Includes £158,870 thousand of unallocated net output of establishments covering addresses in two or more regions, plus estimates for unsatisfactory returns, non-response, and establishments employing less than 20 persons.

Percentage analysis of twelve-month periods covered by returns received from United Kingdom establishments employing 20 or more persons, 1975

		per cent	,per cent	
975	April (a)	1.0	0.7	
	May	0.0	0.0	
	June	5.7	10.9	
	July	0.8	0.2	
	August	1.5	0.3	
	September	5.4	1.5	
	October	1.0	0.3	
	November	0.3	0.0	
	December	57.9	47.7	
976	January	2.6	3.3	
	February	0.5	0.1	
	March (b)	23.3	35.0	
		100.0	100.0	

(a) From 6th April.

(b) Including returns made for twelve-month period ended 1st to 5th April 1976.

TABLE 7

TABLE 6

Percentage analysis of employees, by full and part-time employment and sex, 1975(a)

Sex	Full-time	Part-time	All employees
	per cent	per cent	per cent
Male	68	6	74
Female	20	6	26
	88	12	100

Source: Department of Employment

(a) The percentages relate to the numbers employed (excluding working proprietors) in the United Kingdom at June, 1975.

Sales of principal products of the industry by establishments employing 25 or more persons, including sales by establishments classified to other industries, 1974-1975

Manufacturers' sales of the principal products of the Printing and Publishing of newspapers and periodicals industry are published regularly in Business Monitor PQ485. Details of sales for 1974 will be found in the monitor for third quarter 1976 published January 1977 and for 1975 in the third quarter 1977 issue published February 1978.

Quarterly Business Monitors are available from HMSO by annual subscription.

Purchases by establishments employing 100 or more persons, classified to the industry, 1974(a) Analysis of returns received, United Kingdom.

		Value
		£ thousands
laterials for use in production	- beniase	
Paper and board (excluding stationery and packaging materials) e.g. paper bought on the reel or flat, newsprint, strawboard, cardboard, millboard and fibreboard	Th tonnes 1,249	211,685
Printing, publishing, bookbinding and engraving products, process blocks, litho plates and photogravure cylinders. Printed matter in sheet or bound form imported for publication is included, but printed matter supplied by a U.K. firm is excluded.	eritainis	11,100
Printers' ink; glues and adhesives (including formulated adhesives but excluding unformulated synthetic resins); photographic chemical materials, sensitized photographic film	yearnito	10,156
Inorganic and organic chemicals (including gases) chemical mixtures and compounds for specific end uses		242
Light metals and non-ferrous metals in all forms except finished goods, wire and scrap		
Aluminium and aluminium alloys (including sheets and plates)	- beyiete as	196
Other light metals and non-ferrous metals and their alloys e.g. copper, cadmium copper, brass, lead, solder, zinc, tin, nickel, type and type metal, stereo metal, etc.	s, ture of clarify and m	1,022
tationery	. graphorno sano	2,625
ackaging materials (including materials used for the manufacture of the firms' own packaging)		
Paper and board		
	Th tonnes	
Wrapping and packaging paper (excluding laminates) cut-to-size, ready-for-use	1.3	296 385
Other packaging products of paper and board	and introduced street in	240
Packaging products of plastics		66
All other packaging materials		500
uel and electricity		
	Th gal	
Derv fuel and motor spirit	4,087	1,971
Fuel oil	9,282	1,592
	Th therms	
	4,752	446
Gas Comment of the Co		95
	Th kWh	
	J 189,926	2,254
Electricity		884
All other fuels		58
eplacement parts and consumable tools		
Tyres and other spare parts for the firms' own road vehicles		831
Replacement parts for the firms' own machinery, plant and equipment		2,314
Consumable tools (including gauges)		338
ther purchases		5,918
OTAL VALUE OF PURCHASES (other than for merchanting or factoring)		255,214

Payments to other organisations for certain services received, 1974
Returns received in respect of establishments with 300 or more employees

THE RESERVE OF THE PROPERTY OF	£ thousand
dustrial services received	83,599
Repairs and maintenance to	
Buildings	4,230
Road goods vehicles	628
Plant and machinery	2,417
[[마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마	67,534
Other Strange Set Sprange Set	8,790
	at mersie send one seprous maters to all forms except finished out
on-industrial services received	
Rent of buildings, hire of plant and machinery	76,500
Commercial insurance premiums	9,182
Bank charges	2,614
Postage, telephone, telegrams, cables and telex	368
Transport	12,265
Road	7,297
Rail and other means (excluding postal services)	11,865
Other	32,908
00	

Notes

These notes give the main information needed for interpreting the figures in the industry Business Monitors: more detailed information about the censuses is given in a separate Business Monitor—PA 1001 (Introductory Notes) of the Report on the Censuses of Production, 1974 and 1975.

GENERAL INFORMATION

Changes made for 1974 and 1975

The Censuses for 1974 and 1975 are in line with similar inquiries being conducted in other member countries of the European Economic Communities. From 1974, the Census has been extended to include the construction industry. For 1974, establishments with 300 or more employees were asked to provide additional information relating to industrial and non-industrial services. These include amounts paid:

to other organisations for repairs and maintenance to buildings (including those in respect of rented buildings), road goods vehicles, plant, machinery and other capital equipment

for postage, telephones, telegrams, cables and telex

to other organisations for transport by road, rail or other means (excluding postal services)

In a separate inquiry for 1974, larger firms in each industry were also asked to provide a breakdown of the figure of total purchases (other than purchases of goods for merchanting or factoring). See paragraph on "Purchases".

Suppression of information relating to individual undertakings. The Statistics of Trade Act 1947 provides that—"No individual estimates or returns, and no information relating to an individual undertaking, obtained under the foregoing provisions of this Act, shall, without the previous consent in writing of the person carrying on the undertaking which is the subject of the estimates, returns or information, be disclosed except—

- (a) in accordance with directions given by the Minister in charge of the government department in possession of the estimates, returns or information to a government department or to the Import Duties Advisory Committee for the purposes of the exercise by that department or committee of any of their functions; or
- (b) for the purposes of any proceedings for an offence under this Act or any report of these proceedings."

If a figure involved disclosure the contributor concerned was sometimes asked to give permission for its publication. In the majority of cases this permission was given but when it was refused and in cases where the contributors were not approached the figure has been suppressed, sometimes by combining it in some way with other figures, but sometimes—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

The 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 the 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 as PQ 1000 in the Business Monitor Series.

Statistical units

The statistical unit for the purpose of the Censuses 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. 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 that case the establishment is defined to cover the combined activities at these addresses (termed local units). Separate figures are obtained, however, of employment and net capital expenditure at each unit.

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 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 they are asked to include details of all these activities in their return.

Particulars relating to head offices, which were mainly engaged in the administration of the production units within the scope of the censuses 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 production (especially the enterprise analyses of Business Monitor PA 1002) related establishments are combined. For these purposes an enterprise group is defined as a business consisting of either a single establishment, or of two or more establishments under common ownership or control. The bringing together of 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 establishments.

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 which make returns to the quarterly inquiries, the industrial classification is derived from an analysis of their sales of commodities and is reviewed annually. Employment data is entered on the register from returns to the annual censuses of production. In cases where an establishment does not make a return to these inquiries the employment data is 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 of them

(iii)

with 25 or more employees provide to the quarterly inquiries. Information about establishments with less 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 1974 and 1975 Censuses 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.

Regions

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 "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, 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 in the figures for 1971 to 1975. 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. From 1973, 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 any 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 any assets acquired in taking over an existing business), and the amounts receivable for any 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

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

Includes rent of industrial buildings and capital equipment, commercial insurance premiums, bank charges and amounts paid for professional services, postal etc. 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 and capital equipment, 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 it is included with the purchase price in the firm's accounts. Imported goods are included at their full delivered cost. If in the firm's accounts the transport from docks or airport is not included in the cost of goods purchased, the cost is entered at c.i.f. plus duty (if applicable). Leasing, renting and hire purchase charges are

The information shown in Table 9 was obtained in an inquiry carried out as a supplement to the Census of Production for 1974, in which the larger firms in each industry were asked to provide a breakdown of the figure of total purchases (other than purchases of goods for merchanting or factoring) that they contributed to the Census. No establishment with fewer than 25 employees was asked to contribute to the inquiry; and this exemption limit was raised to exclude establishments with fewer than 50 or 100 employees, in those industries in which exempted establishments were estimated to account for less than 15 per cent of the industry's total purchases. A breakdown of purchases similar to that sought in the 1974 inquiry was previously obtained as part of the Censuses of Production for 1963 and 1968, and results were published in Table 10 of the Industry Reports of those Censuses.

Sales of goods produced, work done and industrial services rendered

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 are included; as also are sales of waste products. Any 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 establishment's 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 and for which there are separate accounts, or to another establishment of the same firm not covered by the return, are treated as sales by the producing establishment and valued as far as possible as if they had been sold to an independent purchaser. Goods transferred to wholesale or retail selling organisations, for which separate accounts are kept are valued on the same basis.

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 or exported.

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 includes repairs and maintenance, installation work, and technical research and studies rendered to other organisations.

Capital goods produced for establishments' own use

This includes all work carried out during the year by the establishments' own staff for their own use, which was of a capital nature.

Non-industrial services rendered

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. Also includes amounts received for the right to use patents, trademarks, copyrights etc., manufacturing and quarrying rights and technical "know-how"; revenue from such staff facilities as canteens is also included.

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 sub-contractors 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.

Remuneration 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 subcontractors 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 holiday homes, etc. for employees, former employees and their dependants are also included.

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