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Business Monitor

A publication of the Government Statistical Service

Report on the Census of Production

Hats, caps and millinery



Department of Industry Business Statistics Office

HMSO

PA446

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A publication of the Government Statistical Service

Report on the Census of Production 1971

Hats, caps and millinery

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

Special Note for Purchasers

Commencing with the 1971 Census, the Census of Production reports will be numbered in a uniform series embracing all industrial inquiries in the Business Monitor series. These Business Monitors will 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.

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Shipbuilding and marine engineering Wheeled tractor manufacturing PA104 Petroleum and natural gas
PA109.1 Metalliferous mining and quarrying
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Motor cycle, tricycle and pedal cycle manufacturing PA381 PA 382 Manufacturing and repairing aerospace equipment PA383 quarrying Grain milling Bread and flour confectionery Locomotives, trams, railway carriages, wagons and track equipment Engineers' small tools and gauges PA390 Hand tools and implements
Cutlery, spoons, forks and plated tableware etc.
Bolts, nuts, screws, rivets etc. PA213 Biscuits Bacon curing, meat and fish products
Milk and milk products PA214 PA 392 PA 393 PA216 PA217 Sugar Wire and wire manufactures Cocoa, chocolate and sugar confectionery
Fruit and vegetable products
Animal and poultry foods PA395 Cans and metal boxes PA218 PA396 Jewellery and precious metal PA399.1 Metal furniture PA221 Vegetable and animal oils and fats PA229.1 Margarine PA399.5 Drop forgings etc. PA399.6 Metal hollow-ware
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Precision chains and other mechanical engineering Rubber Linoleum, plastics floor covering, leathercloth etc. PA491 PA493 Brushes and brooms PA494.1 Toys, games and children's carriages Photographic and document copying equipment Watches and clocks PA494.3 Sports equipment PA495 Miscellaneous stationers' goods Surgical instruments and appliances Scientific and industrial instruments and systems
Electrical machinery
Insulated wires and cables PA354 Plastics products
Musical instruments PA496 PA499 1 PA363 PA364 PA499.2 Miscellaneous manufacturing industries Telegraph and telephone apparatus and equipment Radio and electronic components Broadcast receiving and sound reproducing equipment PA601 PA602 Electricity PA603 Water supply PA1002 Summary Tables Electronic computers Radio, radar and electronic capital goods

The information in this report relates to establishments classified to the Hats, caps and millinery industry, minimum list heading 446 in the Standard Industrial Classification (revised 1968). The activities of the industry include:-

Manufacturing wool felt, fur felt and imitation fur hats, hoods and capelines, and all other sorts of headgear (except fur hats) for adults and children. Made-up linings, etc. for headgear are also included.

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

PA446

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Input and output, 1970 and 1971

All United Kingdom establishments classified to the industry (a)

19,763 19,077	TEL DE L	Unit	1970	1971
253 240	100	Number	244	225
18,024 18,221 18,024 18,221 19,000 18,024 18,221 19,000 18,024 18,221 19,000 18,004 19,000 18,004 19,000 1		"	253	240
1	Establishments	"		
1		6,000	18 024	18,221
1,701 852 19,007	Sales of goods produced and work done			
1				852
Total sales and work done 1	Goods merchanted or factored			
19,763 19,077	Canteen takings	11	, Ku	The same of
Total sales and work done Increase during the year, goods on hand for sale Increase during the year, work in progress II 19,800 19,046 Cost of purchases II 10,093 9,259 Increase during the year, stocks of materials, stores and fuel Payments to other organisations for work done on materials given out for transport by road for transport by rail, water, air and Post Office parcel services II 10,603 9,583 Net output Total employment (including working proprietors) (c) Thousands 7.6 7.7		the second	The To	ARTERS SHEET
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1				
1	and during the year goods on hand			Mindaga 14
Increase during the year, work in progress Gross output 11 19,800 19,046 12 10,093 9,259 Increase during the year, stocks of materials, stores and fuel Payments to other organisations for work done on materials given out for transport by road for transport by rail, water, air and Post Office parcel services Total costs Net output 11 19,800 19,046 12 77 111 13 293 154 14 152 119 15 119 16 12 162 Total costs 18 10,603 9,583 Thousands Thousands Thousands Thousands Thousands Thousands Thousands Thousands Total 2020 11,227		11	_ 8	
19,800 19,046		11	45	_ 87
Cost of purchases Increase during the year, stocks of materials, stores and fuel Payments to other organisations for work done on materials given out for transport by road for transport by rail, water, air and Post Office parcel services Increase during the year, stocks of materials, stores and fuel Increase during the year, stocks of materials, stores and fuel Increase during the year, stocks of materials, stores and fuel Increase during the year, stocks of materials of the year of the	The course of th			
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for work done on materials given out for transport by road for transport by rail, water, air and Post Office parcel services II 10,603 Net output Total employment (including working proprietors) (c) Thousands		5		
for transport by road for transport by rail, water, air and Post Office parcel services II 142 162 Total costs Net output Total employment (including working proprietors) (c) Thousands	for work done on materials given out	11	293	
for transport by rail, water, air and Post Office parcel services 11 142 162 Total costs Net output Total employment (including working proprietors) (c) Thousands		II II	152	119
Total costs Net output Total employment (including working proprietors) (c) Thousands Thousands Total employment (including working proprietors) (c) Thousands			1.0	169
Total costs Net output Total employment (including working proprietors) (c) Thousands 7.6 7.7	and Post Office parcel services	11	142	102
Total costs Net output Total employment (including working proprietors) (c) Thousands 7.6 7.7				
Net output Total employment (including working proprietors) (c) Thousands 7.6 7.7	Total costs	п	10,603	9,583
Net output Total employment (including working proprietors) (c) Thousands 7.6 7.7				
Total employment (including working proprietors) (c) Thousands 7.6 7.7		n '	9,197	9,463
proprietors) (c)	Net output	The state of the s		
proprietors) (c)	entrafai (datas por com antal en Trutondas) por	the san ion Assessant like	ins tol selection.	ST THE SELECTION
1 203 1.227	Total employment (including working	Thousands	7.6	7.7
f 1,203 1,227	proprietors) (C)	es alsosmalanem la so	geer of electromes	E ISCHOOL STE
		bahaisat at	1,203	1,227

⁽a) For 1971, estimates for establishments not making satisfactory returns and for establishments employing less than 25 persons, accounted for 49 per cent of the total figures in which they were incorporated: of this unsatisfactory returns accounted for 27 per cent. For 1970, when estimates were made for establishments employing less than 11 persons the figures were 32 per cent and 23 per cent respectively.

⁽b) Amounts charged for hiring out plant, machinery or other goods, for providing transport, or for any technical or other services rendered.

⁽c) Average number of persons employed during the year.

TABLE 2

Capital expenditure and stocks, 1970 and 1971 All United Kingdom establishments classified to the industry (a)

	1970	1971
Capital expenditure (b)	£'000	£'000
New building work	56	335
Land and existing buildings	State of Association Consultation	and the sales
Acquisitions	1	CALLES AND
Disposals S		_ 11(c)
Plant and machinery		200
Acquisitions	121	122
Disposals	12	12
Vehicles		alement.
Acquisitions	103	149
Disposals	37	71
Total net capital expenditure (c)	164	511
Stocks and work in progress at end of year (d)		
Materials, stores and fuel	1,756	1,816
Work in progress	732	640
Goods on hand for sale	809	408
Total stocks	3,297	2,865

⁽a) Including estimates for establishments not making satisfactory returns and for establishments employing less than 25 persons.

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

⁽c) Acquisitions less disposals.

⁽d) The stock changes in Table 1, based on opening and closing values returned by firms, may be different from those obtained from end-year values. The differences are attributable to variation in valuation by firms between the years and to differences in respondents, and in total employment.

				Employe	es	Wages and s	alaries	Wages and s per he	alaries	Total	0	No.4	Net	Capital	Total stocks and work in
Size group (b)	Estab- lishments	Enter- prises (c)	Total employment (b)	Operatives	Others (d)	Operatives	Others (d)	Operatives	Others (d)	sales and work done (e)	Gross output	Ne t output	output per head	(net)	progress at end of year
	Number	Number	Number	Number	Number	£'000	£'000	• £	£	£'000	£'000.	£'000	£	£,000	£,000
1-10	101	100	520)											
11-24	67	66	1,144	3,601	506	2,825	674	785	1,332	11,069	11,101	5,466	1,262	321	1,540
25-49	33	33	1,098	3,001	300	2,020	014	100							
50-99	23	21	1,570	J					1						
100 and over	16	15	3,378	2,873	481	1,844	726	641	1,510	8,008	7,945	3,997	1,183	190	1,325
									- 8						
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					* 15				\ \						1
		·													
										Janes Control					0.905
Total	240	225	7,710	6,474	987	4,669	1,401	721	1,419	19,077	19,046	9,463	1,227	511	2,865

- (a) Including estimates for establishments not making satisfactory returns and for establishments employing less than 25 persons.
- (b) Average number employed during the year (including working proprietors) by the establishment.
- (c) Some enterprises control establishments in more than one size group: the sum of the figures for the size groups will therefore exceed the total for the industry.

- (d) Administrative, technical and clerical employees.
- (e) Including sales of goods merchanted or factored, canteen takings and services rendered to other organisations (amounts charged for hiring out plant, machinery or other goods, for providing transport, or for any technical or other services rendered).
- (f) Acquisitions less disposals.

TABLE 5

Percentage analysis of employees, by full and part time employment and sex, 1971 (a)
All United Kingdom establishments classified to the industry

Sex	Full time	Part time	All employees
The second second	per cent	per cent	per cent
Male	28	2	30
Female	57	13	70
	3		
	85	15	100

Source: Department of Employment

Regional distribution of employment, net capital expenditure and net output, 1971 All United Kingdom establishments classified to the industry

Area		verage number employed (a) Net capital expenditure (b)			Net output and employment in the region of establishments with more than 80 per cent of their employment in the region (c)				
					Estimated net output	Average number employed as a percentage of total average number employed in the industry in the region	Net output as percentage of total of the industry in the United Kingdom		
	Thousands	per cent of United Kingdom	£'000	per cent of United Kingdom	£,000		To have		
Standard Regions of England				h					
North	*	*	*	*	*	*			
Yorkshire and Humberside	*	*	*	*	*	*	*		
East Midlands	-	g . To = 100.1	-	-	-	- and			
East Anglia		000000 - 0000	-	-	-	-			
South East	4.7	60.8	336	65.8	2,662	38.4	28.1		
South West	*	*	*	*	*	*	*		
West Midlands	0.5	6.4	3	0.6	407	100.0	4.3		
North West	1.7	21.4	15	2.9	1,070	57.0	11.3		
England:	7.1	92.0	456	89.3	4,305	47.5	45.5		
Wales	*	*	*	*	*	*	*		
Scotland	*	*	*	*	*	*	*		
Great Britain	*	*	. *	*	*	*	*		
Northern Ireland	*	*	*	*	*	*	*		
Unallocated (d)			-	-	4,649		49.1		
United Kingdom	7.7	100.0	511	100.0	9,463		100.0		

- (a) Including working proprietors.
- (b) New building work plus acquisitions less disposals of land and existing buildings, plant and machinery and vehicles.
- (c) 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 proportionate to employment at the address. The establishment's residual net output was included in unallocated net output.
- (d) Includes estimates of net output for establishments not making satisfactory returns and establishments employing less than 25 employees, and unallocated net output of establishments covering addresses in two or more regions.

⁽a) The percentages relate to the numbers employed (excluding working proprietors) at mid-June, 1971.

Percentage analysis of twelve-month periods covered by returns received from United Kingdom establishments employing 25 or more persons, 1971

10.00	Accounting year ended	Percentage of total returns received	Percentage of total number employed
		per cent	per cent
1971 A	pril (a)	0.0	0.0
M	ay	3.7	1.1
J	une	3.7	1.7
J	uly	3.7	4.2
A	ugust	3.7	3.1
S	eptember	0.0	0.0
00	ctober	9.3	2.8
No	ovember	14.8	17.4
De	ecember	44.4	48.2
972 J	anuary	3.7	4.3
Fe	ebruary	0.0	0.0
Ma	arch (b)	13.0	17.2
		100.0	100.0

- (a) From 6th April.
- (b) Including returns made for twelve-month period ended 1st to 5th April 1972.

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Notes

These notes give the main information needed for interpreting the figures in the industry reports, (more detailed information about the census is given in a separate booklet—"Introductory Notes", Part PA1001 of the Report on the Census of Production for 1971).

GENERAL INFORMATION

Changes compared with 1970

The questions asked in the 1971 census were the same as those in the 1970 census with one main exception: for 1971 establishments were asked to include in capital expenditure, expenditure on units that were not in production in the year of return; for 1970 this expenditure was collected in a separate inquiry. This change of method of collection does not affect the results for 1970 and 1971 because capital expenditure for units not yet in production is included in the aggregates for both years.

Industrial classification

The Annual Censuses of Production are conducted on the Business Statistics Office's Production Register. Normally establishments on the Register are classified to industries on the basis of major activity in conformity with the third edition of the Standard Industrial Classification (Revised 1968). Normally an establishment was classified to an industry if its sales of the principal products of that industry accounted for a greater proportion of its total sales than in its sales of the principal products of any other industry; classification is generally based on an establishment's returns to the quarterly production inquiry. Where this was not possible-for example where a quarterly production inquiry had not then been introducedthe classification of an establishment reflects its return to the Census of Production, 1968. Establishments for which information was not available either from the quarterly inquiries or the 1968 Census were classified on the basis of the description of the business given by the establishments to the Business Statistics Office, for instance, in the course of registration.

Coverage

Detailed census returns were generally sought only from establishments employing on average 25 or more persons, but in some industries where firms employing less than 25 persons account for a relatively high proportion of total employment and output the exemption limit was lowered to 11. Census returns were also sent to establishments whose employment was not known to the Business Statistics Office at the time of dispatch.

TERMS USED IN THE CENSUS REPORT

Average number employed

Establishments were required to state the number of persons on the payroll (i.e. whose national insurance cards were held by them) on the average during the year of return, whether full time or part time employees. Separate figures were required for (a) administrative, technical and clerical employees and (b) all other employees (operatives). Averages could be calculated from 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 establishments) 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 fixed 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 managing and other directors in receipt of a definite wage, salary or commission, managers, superintendents and works foremen; research, experimental development, technical and design employees (other than operatives); draughtsmen and tracers; editorial staff, staff reporters, canvassers, competition and advertising staff; travellers; and office (including works office) employees.

Operatives include all other classes of employees, that is, broadly speaking, all manual wage earners. They include those employed in and about the factory or works; operatives employed in power houses, transport work (including roundsmen), stores, warehouses, shops and canteens; inspectors, viewers and similar workers; maintenance workers, and cleaners. Operators engaged in outside work of erecting, fitting etc. are also included, but out-workers 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 both 1970 and 1971.

(a) New building work

This represents the cost incurred during the year of new building and other constructional work (including office buildings, canteens and the like used in connection with the business covered by the return, but not dwelling houses for employees). The value is that charged to capital account during the year of return; it includes expenditure on new buildings or 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 of 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 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. 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.

Fnternrise

The term enterprise is used in this report to mean one or more establishments under common ownership or control. An enterprise normally consists of a single establishment, more than one establishment owned by the same firm, or a number of establishments owned by a parent company and its subsidiary companies. Information about the relationship between constituent companies of enterprises was obtained mainly from published sources such as the Stock Exchange Year Book supplemented by information from company reports and information supplied by establishments. The information available is not complete but covers the largest and most important groups of industrial establishments and is believed sufficient to provide a worthwhile basis for analysis.

Establishment

The definition of an establishment in 1970 and 1971 was that of the Standard Industrial Classification (Revised 1968): "the smallest unit which can provide the information normally required for an economic census, for example, employment, expenses, turnover, capital formation". Sometimes activities which are conducted as a single business are carried on at a number of addresses, termed local units. Where the activities of such a business are closely integrated, and detailed census information is not available for each unit, it is treated as a multi-unit establishment and a single return accepted. Separate figures are obtained, however, of employment and net capital expenditure at each unit.

Gross output

Gross output measures the total value of production (including work done) by establishments during the year. It is calculated as follows:—

Value of sales and work done

Plus/Less: Increase/decrease in value of stocks of goods on hand for sale

Plus/Less: Increase/decrease in value of work in progress

Gross output.

Net output

Net output represents the value added to materials by the process of production (including the margin on selling any merchanted or factored goods). It is calculated as follows:—

Gross output

Less: Purchases adjusted for change in value of stocks of fuel and raw materials

Less: Payments for work given to other establishments

Less: Payments for transport

Less: Net amount of any duties, subsidies, allowances and levies payable

= Net output.

Net output per person employed

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

Purchase

Purchases include the cost of materials and components bought for use in production; of fuel and electricity for all purposes; of packaging materials including the cost of returnable cases and containers when first purchased; of workshop materials, office materials and materials for repairs to establishment's own buildings, plants and vehicles when carried out by their own work people included in the returns; of consumable tools; and of parts for machinery purchased during the year as replacements. Water charges are also included. In general, purchases of goods for merchanting or factoring and canteen supplies are included. Materials supplied by customers for processing are excluded, as are all purchases charged to capital account.

The values shown include any duty paid (less rebate, etc.) but exclude trade discounts allowed. The cost of transport is included only if included in the cost of materials as invoiced; amounts paid to transport organisations, including an establishment's own separate transport organisations for delivery of materials and fuel are, therefore, excluded. Materials purchased overseas are included at the c.i.f. cost plus any duty payable if the cost of transport from the docks was not included in the invoiced price, but at their full delivery cost if invoiced "carriage paid home". Materials and fuel transferred from another department of the establishment not covered by the same return are included at the estimated selling value recorded by the other department.

Sales

Sales are in respect of goods made by the business covered by the return, goods made for it by outworkers or by other establishments from materials given out to them (sometimes described as goods made on commission) and waste products. Any machinery or other capital items produced for use in the business covered by the return are included, the value being that adopted in the establishment's asset accounts. Goods sold without being subjected to any manufacturing process (i.e. merchanted or factored) and canteen takings are included.

The value shown for sales is the net selling value, defined as the amount charged to customers whether on an ex-works or delivered basis excluding any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc.; the net amount charged for packaging materials is included. Goods charged on a delivered basis to customers overseas are included at the f.o.b. value.

Goods produced in one establishment and transferred to another establishment of the same firm not covered by the return were 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 were kept were valued on the same basic.

To the extent that sales of finished products of one establishment constitute the materials purchased by another, total figures of the value of sales (and of materials and fuel purchased) include an element of duplication. In some industries, e.g. motor vehicle manufacturing, and woollen and worsted, this duplication is substantial; and aggregates of the figures for a number of industries contain significantly greater amounts of duplication. For work done on commission, sub-contract work, etc., the value shown is the total amount charged for the work, including the value of any materials bought and used in such work.

Services rendered

This represents the amounts charged for hiring out plant, machinery and other goods, providing transport, or for any technical or other services rendered to other organisations. It includes amounts credited for similar services rendered to other establishments of the same enterprise not covered by the return.

Standard Industrial Classification

Industry classification is based on the Standard Industrial Classification (Revised 1968). It is published by HM Stationery Office together with a separate index in the form of an alphabetical list of industries.

Stocks and work in progress

Values are given of stocks of goods on hand for sale, and of materials and fuel, at the end of the year of return, including any stocks of goods held for merchanting or factoring. Values of the change during the year are also shown. The values include duty in the case of dutiable goods held out of bond.

The value of work in progress at the end of, and the change during, the year are also usually shown. This excludes any progress payments made to sub-contractors, and no deduction is made on account of progress payments received.

Transport payments

These represent the total amount paid or credited during the year for both outwards transport of finished goods sold and inwards transport of materials and fuel purchased. They include payment to other establishments, and to any separate transport organisation of the same establishment not covered by the return, but exclude the value of transport services provided by the business, covered by the return. The items included are payments for hired cartage and for inwards and outwards carriage by all forms of inland transport, i.e. railways, road haulage, canals, coastwise shipping, air, etc. Payments made for sea and air freight on goods sold to customers overseas and on materials and fuel purchased from overseas suppliers are excluded.

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 any payments in kind, travelling expenses, lodging allowances, etc. and employers' contributions to national insurances and pension schemes is excluded.

Work given out

The figures shown represent the total amount paid for work done by other establishments (whether part of the same enterprise or not) on materials supplied to them. They do not include payments to individual outworkers or payments for business and other services.

SYMBOLS USED

The following symbols are used throughout the report:

- .. 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; there may be an apparent slight discrepancy between the sum of the constituent items and the total shown.

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