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# **Business Monitor**

DEPARTMENT OF TRADE AND INDUSTRY BUSINESS STATISTICS OFFICE

24 APR 1973
OF POLITICAL AND ECONOMIC SCIENCE

Report on the Census of Production 1970

C22 British wines, cider and perry

# Special Note for Purchasers

Commencing with the 1970 Census, the Census of Production reports will in future be published annually as part of the Business Monitor series. They will continue to be available on standing order from HMSO, but they are not included in the global subscription arrangements for the Business Monitor series.

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Publication of the Government Statistical Service

# **Business Monitor**

DEPARTMENT OF TRADE AND INDUSTRY BUSINESS STATISTICS OFFICE

# Report on the Census of Production 1970

C22 British wines, cider and perry

Presented by the Department of Trade and Industry to Parliament in pursuance of the Statistics of Trade Act 1947 (10 & 11 Geo. 6 Cha. 39 sec 7)

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# List of Industry Reports, etc.

C	1 Introductory Notes	C	78	Electric appliances primarily for
C	2 Coal mining 3 Stone and slate quarrying and mining			domestic use
	5 Stone and state quarrying and mining 4 Chalk, clay, sand and gravel extraction	C7	79	Miscellaneous electrical goods
C	5 Petroleum and natural gas	CS	21	Shipbuilding and marine engineering Wheeled tractor manufacturing
	Salt and miscellaneous non-metalliferous	C8	12	Motor vehicle manufacturing
	mining and quarrying	C8	3	Motor cycle, tricycle and pedal cycle
C	6 Metalliferous mining and quarrying			manufacturing
C	7 Grain milling	C8	4	
C	8 Bread and flour confectionery 9 Biscuits	Co	5	and repairing
	Bacon curing, meat and fish products	C8	6	Locomotives and railway track equipment Railway carriages, wagons and trams
CI	Milk and milk products	C8	7	Engineers' small tools and gauges
C1:	2 Sugar	C8	8	Hand tools and implements
C1.	Cocoa, chocolate and sugar confectionery	C8	9	Cutlery, spoons, forks and plated tableware, et
Cl	Fruit and vegetable products Animal and poultry foods	CO	1	Bolts, nuts, screws, rivets, etc. Wire and wire manufactures
Clo	Vegetable and animal oils and fats	C9	2	Cans and metal boxes
C1	Margarine Margarine	C9	3	Jewellery and precious metals
C18	Starch and miscellaneous foods	C9.	4	Metal furniture
Cl	Brewing and malting	C9	5	Drop forgings, etc.
C21	Soft drinks Spirit distilling and compounding	Co	0 7	Metal hollow-ware
	British wines, cider and perry	C9	8	Miscellaneous metal goods Production of man-made fibres
C23	Tobacco	C9:	9	Spinning and doubling on the cotton
C24	Coke ovens and manufactured fuel			and flax systems
C25	Mineral oil refining	C100		Weaving of cotton, linen and man-made fibres
C26	Lubricating oils and greases	C10		Woollen and worsted
C28	General chemicals (inorganic) General chemicals (organic)	C102 C103		Jute Rope, twine and net
C29	General chemicals (other than inorganic	C104		Hosiery and other knitted goods
02)	and organic)	C10:		Lace
C30	Pharmaceutical chemicals and preparations			Carpets
C31	Toilet preparations	C107		Narrow fabrics
	Paint	C108		Made-up household textiles and handkerchiefs
C33	Soap and detergents	C110	)	Canvas goods and sacks, etc. Textile finishing
C34	Synthetic resins and plastics materials	CIII	ĺ	Asbestos
C35	and synthetic rubber Dyestuffs and pigments	C112	2	Miscellaneous textiles
C36	Fertilizers	C113	3	Leather (tanning and dressing) and
	Polishes	CIII		fellmongery
	Formulated adhesives, gelatine, etc.	C115	,	Leather goods
C39	Explosives, fireworks and matches			Waterproof outerwear
C40	Formulated pesticides and disinfectants	C117	1	Men's, and boys' tailored outerwear
C41	Printing ink	C118	3	Women's and girls' tailored outerwear
C42	Surgical bandages, etc.	C119		Overalls and men's shirts, underwear, etc.
C43	Photographic chemical materials Iron and steel (general)	C120	,	Dresses, lingerie, infants wear, etc. Hats, caps and millinery
C44	Steel tubes	C121		Corsets and miscellaneous dress industries
	Iron castings, etc.	C123		Gloves
C47	Aluminium and aluminium alloys	C124		Footwear
C48	Copper, brass and other copper alloys	C125		Bricks, fireclay and refractory goods
C49				Pottery Glass
C50	Agricultural machinery (except tractors) Metal-working machine tools	C128		Cement
	Pumps, valves and compressors	C129		Abrasives
C53	Industrial engines	C130		Miscellaneous building materials and mineral
C54	Textile machinery and accessories			products
C55	Construction and earth moving equipment	C131		Timber
C57	Mechanical handling equipment Office machinery	C132		Furniture and upholstery Bedding and soft furnishing
C58	Mining machinery	C134		Shop and office fittings
C59	Printing, bookbinding and paper goods	C135		Wooden containers and baskets
	making machinery	C136		Miscellaneous wood and cork manufacturers
C60	Refrigerating machinery (except domestic	C137		Paper and board
	type refrigerators)	C138		Cardboard boxes, cartons and fibre-board
C61	Space heating, ventilating and air-	C139		packing cases Packaging products of paper and associated
000	conditioning equipment	CIST	1	materials (other than board)
C62 C63	Food and drink processing machinery	C140		Manufactured stationery
C64	Miscellaneous (non-electrical) machinery Industrial (including process) plant and	C141		Wallcovering
C04	steelwork	61.40	1	Miscellaneous manufactures of paper and board
C65	Ordnance and small arms	C142	1	Printing, publishing of newspapers and
C66	General mechanical engineering	C143		periodicals General printing, publishing, etc.
C67	Photographic and document copying equipment		ì	Rubber
	Watches and clocks	C145	Ī	Linoleum, plastics floor covering,
C69 C70	Surgical instruments and appliances Scientific and industrial instruments		I	eathercloth, etc.
270	and systems	C146	I	Brushes and brooms
C71	Electrical machinery	C147	]	Toys, games and children's carriages
C72	Insulated wires and cables	C148	1	Sports equipment Miscellaneous stationers' goods
C73	Telegraph and telephone apparatus and	C149	F	Plastics products
074	equipment	C150	Ī	Musical instruments
C74 C75	Radio and electronic components		1	Miscellaneous manufacturing industries
CIS	Broadcast receiving and sound reproducing equipment	C151	(	ias
C76	Electronic computers	C152	I	Electricity Vater supply
	Radio, radar and electronic capital goods	C154	S	Summary tables
		313 1	~	

# C22 British wines, cider and perry

C22.1

This report on the British Wines, Cider and Perry Industry relates to establishments engaged wholly or mainly in manufacturing British wines, cider and perry, and apple pectin. Bottling and canning by manufacturers of British wines etc. are included. Establishments engaged wholly or mainly in bottling or canning drinks purchased from other firms (or in bottling or canning on commission) are classified in minimum list heading 810.

The industry corresponds to minimum list heading 239(2) in the Standard Industrial Classification (revised 1968) which was used for the first time as a basis of classification in the 1968 census, when it was reported as part 22. The definition of the industry is the same for the 1968 and 1970 censues. The figures given for 1963 have been reclassified as far as possible according to the Standard Industrial Classification (revised 1968).

There were no larger establishments in this industry in Northern Ireland in 1963 and 1968.

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

Table Title

to the industry

to the industry

Establishments classified to the industry

Section II - Analysis of returns received

employing 25 or more persons, 1970

industry

Section I - Estimates for all United Kingdom establishments in the industry

Net output, 1963, 1968 and 1970 - Establishments classified to the industry

Analysis of establishments by size, 1970 - Establishments classified to the

Capital expenditure and stocks, 1963, 1968 and 1970 - Establishments classified

Percentage analysis of employees by age and sex, 1970 - Establishments classified

Regional distribution of employment, net capital expenditure and net output, 1970 -

Analysis of net output of returns received from establishments employing 25 or more persons, 1963, 1968 and 1970

Percentage analysis of twelve-month periods covered by returns from establishments

No

Page

C22.3

C22.4

C22.5

C22.6

C22.7

C22.8

C22.9

Net output 1963, 1968 and 1970

TABLE 1

All United Kingdom establishments classified to the industry (a)

100 1001 1000	Unit	1963	1968	1970
Enterprises	Number	27	26	45
Establishments (b)	н	38	35	53
	San			34 (1997) 158
Sales of goods produced and work done	£'000	1	STATE OF STATE	46,129
Services rendered to other organisations (c)	11	19,285	31,859	523
Goods merchanted or factored	п	1 100	1 505	4,783
Canteen takings	11	1,490	1,767	45
Total sales and work done	11	20,775	33,626	51,480
	a tre	20,770	05,020	01,400
Change during the year, goods on hand for sale	п	- 2	+ 569	- 905
Change during the year, work in progress	11	- 21	+ 106	+ 190
Gross output	11	20,751	34,302	50,765
Cost of purchases	11	7,189	10,405	16,125
Change during the year, stocks of materials, stores and fuel	11	+ 36	+ 318	+ 259
Payments to other organisations				
for work done on materials given out	11			]
for transport by road	11	664	978	740
for transport by rail, water, air and Post Office parcel services (d)	11			94
Excise payments etc. (net)	II.	3,563	10,711	15,150
Total costs	11	11,380	21,776	31,850
Net output	II.	9,371	12,526	18,916
Total employment (including working proprietors) (e)	Thousands	4.2	4.4	5.2
Net output per head	£	2,243	2,822	3,615

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

<sup>(</sup>b) See definition of establishments in notes on page (iii).

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

<sup>(</sup>d) For 1963 and 1968, payments for postal services are excluded.

<sup>(</sup>e) Average number of persons employed during the year.

TABLE 2
Capital expenditure and stocks, 1963, 1968 and 1970

All United Kingdom establishments classified to the industry (a)

	1963	1968	1970 (b)
Capital expenditure	£,000	£,000	£,000
New building work	158	328	389
Land and existing buildings		a ten baltana	100 to
Acquisitions	+ 1 (c)	- 3 (c)	- 238 (c)
Disposals			MARIO YSG HOMES MARIO ASSESSED
Plant and machinery		720	636
Acquisitions	226	730	636
Disposals	15	19	36
Vehicles			
Acquisitions	217	472	549
Disposals	60	122	142
Total net capital expenditure (c)	527	1,385	1,158
Stocks and work in progress at end of year	Ime week	alaskinga geninase sa	en Cape tal
Materials, stores and fuel	2,921	2,275	2,732
Work in progress	1,926	3,753	3,365
Goods on hand for sale	1,362	3,474	4,678
Total stocks	6,209	9,503	10,775

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

<sup>(</sup>b) Capital expenditure in respect of manufacturing establishments where production had not commenced before the end of the year, is included for 1970.

<sup>(</sup>c) Acquisitions <u>less</u> disposals.

TABLE 3

Analysis of establishment by size, 1970

All United Kingdom establishments classified to the industry (a)

Size		Estab-	Total	Employe	ees	Wages and	salaries	Wages and per h		Total	0	N	Net	Capital	Total stocks and work in
group (b)	Enterprises (c)			Operatives	Others (e)	Operatives	Others (e)	Operatives	Others (e)	sales and work done (f)	Gross output	Net output	output per head	(net)	progress at end of year
	Number	Number	Number	Number	Number	£'000	£'000	£	£	£'000	£,000	£'000	£	£,000	£'000
1-10	23	23	133	]						2 2					
11-24	9	9	144	429	293	425	450	991	1,536	9,944	9,665	1,315	1,820	150	1,970
25-99	8	10	445												
100-199	4	4	503	376	127	283	197	753	1,552	4,164	4,333	1,147	2,280	96	957
200-399	3	3	787	611	172	587	198	961	1,151	2,778	2,864	1,679	2,133	257	866
400 and over	3	4	3,221	2,267	948	2,284	1,180	1,007	1,245	34,594	33,904	14,775	4,587	654	6,982
Total	45	53	5,233	3,683	1,540	3,579	2,026	971	1,315	51,480	50,765	18,916	3,615	1,158	10,775

- (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) The sum of the figures for the size groups exceeds the total for the industry to the extent that enterprises made returns for establishments in more than one size group.
- (d) See definition of establishments in notes on page (iii).

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

TABLE 5

Percentage analysis of employees, by age and sex, 1970 (a)

All United Kingdom establishments classified to the industry

Ages	Males	Females	All employees
The second second second	per cent	per cent	per cent
Under 18	2	3	5
18 and over	58	37	95
All ages	60	40	100.0

Source: Department of Employment

Regional distribution of employment, net capital expenditure and net output, 1970 All United Kingdom establishments classified to the industry

Area	Average employ			apital ture (b)	Net output and employment in the region of establishments with more than 80 per cent of their employment in the region (c)				
	9E \$85.06		81		Estimated net output	Average number employed as a percentage of total average number employed in the industry	Net output as percentage of total of the industry in the United Kingdom		
	257.3					in the region	bedradaken encall		
the terrent	Thousands	per cent of United	£,000	per cent of United	£,000	south three leasts	eles intel		
	548	Kingdom		Kingdom	iles 167 bits	I in where they	ni yakivi syesil?		
Standard Regions of England	102				#Act to C	ng al gras nessib	Change days of		
North	3=3,86	- 289	81 -	-	-	- 19	0 feet - 1 mar - 2		
Yorkshire and Humberside	*.	* .	*	*	*	*	*		
East Midlands	-	-	_	305.0		anako-1 aaki	ELEGICAL ANDROIS		
East Anglia	*	*	*	*	*	*	*		
South East	0.4	8.5	109	9.4	916	91	4.8		
South West	*	*	*	*	*		****		
West Midlands	*	*	*	*	*	* 19002 90	*		
North West	*	*	*	*	*	*	*		
England	4.7	89.6	970	83.8	17,212	93	90.9		
Wales	0.10.01	_	-	-	-	_10m1 .01	SITTER BEIDE		
Scotland	* '	*	*	*	*	*	*		
Great Britain	*	*	*	*	*	*	*		
Northern Ireland	*	*	*	*	*	* ***	*		
Unallocated (d)	0.4	-	-	2018-2810-25	972	_	5.3		
United Kingdom	5.2	100.0	1,158	100.0	18,916		100.0		

- (a) Including working proprietors.
- (b) New building work plus acquisitions <u>less</u> disposals of land and existing buildings, plant and machinery and vehicles: including capital expenditure at establishments not yet in production.
- (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.

<sup>(</sup>a) The percentages relate to the numbers employed (excluding working proprietors) in the 'Other Drink' industries – minimum list heading (239) at mid-June, 1970. In the 1970 census the employment in the British Wines, Cider and Perry Industry represented 19 per cent of the employment of MLH 239 as a whole.

Analysis of net output of returns received from United Kingdom establishments employing 25 or more persons, 1963, 1968 and 1970

	Un it	1963	1968	1970
Enterprises	Number	7	10	13
Establishments (a)	11	17	19	17
Sales of goods produced and work done	£,000	1		41,677
Services rendered to other organisations (b)	II	18,070	30,682	272
Goods merchanted or factored	П	1		3,356
Canteen takings	П	1,396	1,702	45
Total sales and work done	II	19,466	32,384	45,350
Change during the year, goods on hand for sale	II	- 2	+ 548	- 800
Change during the year, work in progress	П	- 20	+ 102	+ 257
Gross output	11	19,445	33,035	44,808
Cost of purchases	11	6,737	10,021	11,805
Change during the year, stocks of materials, stores and fuel	11	+ 33	+ 306	+ 382
Payments to other organisations		or   se		tent de
for work done on materials given out	× 11			[]
for transport by road	11	622	941	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
for transport by rail, water, air and				
Post Office parcel services (c)	H-	1		84
Excise payments etc. (net)	11	3,339	10,316	14,521
Total costs	. 11	10,665	20,972	26,703
Net output	II	8,781	12,063	18,105
Total employment (including working proprietors) (d)	Thousands	3.9	4.3	4.8
Net output per head	£	2,243	2,822	3,772

<sup>(</sup>a) See definition of establishments in notes on page (iii).

Percentage analysis of twelve-month periods covered by returns received from United Kingdom establishments 25 or more persons, 1970.

Accounting year ended	Percentage of total returns received	Percentage of total numbers employed
	per cent	per cent
1970 April (a)	11.7	1.0
May	0.0	0.0
June	0.0	0.0
July	5.9	0.7
August	5.9	4.2
September	41.2	45.8
October	0.0	0.0
November	0.0	0.0
December	17.7	41.3
1971 January	5.8	2.2
February	0.0	0.0
March (b)	11.8	4.8
	100.0	100.0

<sup>(</sup>a) From 6th April.

TABLE 7

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

<sup>(</sup>c) For 1963 and 1968, payments for postal services are excluded.

<sup>(</sup>d) Average number of persons employed during the year.

<sup>(</sup>b) Including returns made for twelve-month period ending 1st to 5th April 1971.

# 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 C1 of the Report on the Census of Production for 1970).

#### GENERAL INFORMATION

Changes compared with 1968

The questions asked in the 1970 census were similar to those in the 1968 census with certain exceptions. In particular the 1970 census returns did not ask for details of:—

- (i) purchases or sales by commodities
- (ii) payments of rates
- (iii) payments for repairs and maintenance
- (iv) costs of operating road goods vehicles.

The amounts payable to other organisations for transport of goods however, did include the cost of the Post Office parcel services.

Other changes concern the treatment of firms employing less than 25 persons and the rules used for classifying establishments to industry. Any such changes are explained in the following paragraphs, or in the introductions to the industry reports, or by footnotes to the tables.

#### Industrial classification

Establishments were 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 of an establishment in this census was based on the establishment's return to the Census of Production, 1968.

Establishments added to the register subsequent to the 1968 census were classified on the basis of the description of the business given by the respondent.

#### Coverage

Detailed census returns were generally sought only from establishments employing on average 25 or more persons, but in 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 despatch; if their employment was below the exemption limit for their industry establishments were asked to supply figures only of total employment and total sales.

# 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.

### Employee

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 outworkers are excluded.

#### Capital expenditure

(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.

Capital expenditure during the year in respect of manufacturing establishments where production had not started before the end of the year is excluded from the figures for both 1963 and 1968 but is included in the figures for 1970.

# Enterprise

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 worth-while basis for analysis.

### Establishment

The definition of the establishment differed between the Censuses for 1963, 1968 and 1970. The definitions used were as follows:—
1963: the establishment was normally the premises under the same ownership or management at a particular address.

1968: the establishment was defined, in accordance with Standard Industrial Classification (Revised 1968), as being the smallest unit which could provide the information normally required for an economic census, for example, employment, expenses, turnover and capital formation. Sometimes activities which are conducted as a single business are carried on at a number of addresses. In 1968 where the activities of such a business were closely integrated and the addresses, termed local units, were in close proximity the establishment was defined to cover the combined activities and a single return was accepted. When the activities were closely integrated but the addresses were not in close proximity a combined return was accepted but the individual addresses were treated—in the count of establishments in an industry, for instance—as separate establishments.

1970: the practice of treating as multi-unit establishments those businesses with closely integrated activities at a number of addresses in close proximity was extended to all those businesses where the local units were at more than one geographical location and detailed census information was not available for each unit. Separate figures were obtained, however, of employment and capital expenditure at each unit. The effect of this change is to reduce somewhat the number of establishments as compared with 1968.

#### 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.

#### Purchases

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 basis.

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 H M 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:

information about individual enterprises.

. not available,

nil or negligible (less than half the last significant figure) figures cannot be shown owing to risk of disclosing

### ROUNDING OF FIGURES

Figures in the tables have, where necessary, been rounded to the nearest final digit; there may, therefore, be apparent slight discrepancies between the sums of the constituent items and the totals shown.

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