PA214 18/42 (HA251) 142 1834

BRITISH LIBRARY

- 1 NOV 1974

Business Monitor

A publication of the Government Statistical Service

Report on the Census of Production

Bacon curing, meat and fish products



Department of Industry

Business Statistics Office

HMSO

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.

Government Statistical Service

A service of statistical information and advice is provided to the Government by specialist staffs employed in the statistics divisions of individual Departments. Statistics are made generally available through their publications and further information and advice on them can be obtained from the Departments concerned.

Enquiries:
Business Statistics Office
Cardiff Road
Newport, Mon
NPT 1XG
Newport 56111 (STD code 0633) ext 2455

PA214

Business Monitor

A publication of the Government Statistical Service

Report on the Census of Production 1971

Bacon curing, meat and fish products

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 1974

	01 Introductory Notes	PA368	
	1 Coal mining 2 Stone and slate quarrying and mining	PA369 PA370	
PA10	3 Chalk, clay, sand and gravel extraction	PA380	
PA104	3 Chalk, clay, sand and gravel extraction 4 Petroleum and natural gas	PA381	Motor vehicle manufacturing
PA109	9.1 Metalliferous mining and quarrying	PA382	Motor cycle, tricycle and pedal cycle manufactur
PA109	9.3 Salt and miscellaneous non-metalliferous mining and	PA383 PA384	Manufacturing and repairing aerospace equipment
PA211	quarrying 1 Grain milling	PA304	Locomotives, trams, railway carriages, wagons a track equipment
PA212		PA390	
PA213	3 Biscuits	PA391	Hand tools and implements
	Bacon curing, meat and fish products	PA392	Cutlery, spoons, forks and plated tableware etc.
PA215		PA393	Bolts, nuts, screws, rivets etc.
PA217			Wire and wire manufactures Cans and metal boxes
PA218		PA396	Jewellery and precious metal
PA219		PA399.	1 Metal furniture
PA221		PA399.	5 Drop forgings etc.
	9.1 Margarine 9.2 Starch and miscellaneous foods		6 Metal hollow-ware 8 Miscellaneous metal manufacture
	Brewing and malting	PA411	Production of man-made fibres
PA232	2 Soft drinks	PA412	Spinning and doubling on the cotton and flav eve
PA239	9.1 Spirit distilling and compounding	PA413	Weaving of cotton, linen and man-made fibres
PA239	9.2 British wines, cider and perry	PA414	Woollen and worsted
	Tobacco Coke ovens and manufactured fuel	PA415	
PA262	2 Mineral oil refining	PA410 PΔ417	Rope, twine and net Hosiery and other knitted goods
PA263	Lubricating oils and greases	PA418	Lace
PA271	.1 General chemicals (inorganic)		Carpets
PA271	.2 General chemicals (organic)	PA421	Narrow fabrics
PA2/1	.3 Miscellaneous general chemicals Pharmaceutical chemicals and preparations	PA422.	1 Made-up household textiles
PA273	Toilet preparations	PA422	2 Canvas goods and sacks etc. Textile finishing
	Paint	PA429.	1 Asbestos
PA275		PA429.	2 Miscellaneous textiles
PA276		PA431	Leather (tanning and dressing) and fellmongery
PA277	synthetic rubber Dyestuffs and pigments	PA432	Leather goods
	Fertilizers	PA433	Weatherproof outerwear
	.1 Polishes	PA442	Men's and boys' tailored outerwear
PA279.	.2 Formulated adhesives, gelatine etc.	PA443	Women's and girls' tailored outerwear
PA279.	.3 Explosives, fireworks and matches	PA444	Overalls and men's shirts, underwear etc.
PA279.	4 Formulated pesticides and disinfectants 5 Printing ink	PA445	Dresses, lingerie, infants' wear etc.
PA279.	6 Surgical bandages etc.	PA446 PA440	Hats, caps and millinery Corsets and miscellaneous dress industries
PA279.	7 Photographic chemical materials		2 Gloves
PA311	Iron and steel (general)		Footwear
	Steel tubes	PA461	Refractory goods
PA313	Iron castings Aluminium and aluminium alloys	DA 462	Building bricks and non-refractory goods
PA322	Copper, brass and other copper alloys	PA462 PA463	Pottery Glass
PA323	Other base non-ferrous metals		Cement
PA331	Agricultural machinery (other than tractors)	PA469.1	Abrasives
PA332		PA469.2	2 Miscellaneous building materials and mineral pro
PA334	Pumps, valves and compressors Industrial engines	PA471 PA472	
PA335	Textile machinery and accessories	PA473	Furniture and upholstery Bedding and soft furnishing
PA336	Construction and earth moving equipment	PA474	
PA337	Mechanical handling equipment	PA475	Wooden containers and baskets
PA338	Office machinery	PA479	Miscellaneous wood and cork manufactures
PA 339.	1 Mining machinery 2 Printing and bookbinding machinery	PA481	
PA339.	3 Refrigerating machinery	PA462.1	Cardboard boxes, cartons and fibre-board packing cases
PA339.4	4 Space heating, ventilating and air-conditioning	PA482.2	Packaging products of paper and associated mate
	equipment	PA483	Manufactured stationery
PA339.7	7 Food and drink processing machinery	PA484.1	Wallcovering
PA 341	9 Miscellaneous (non-electrical) machinery Industrial (including process) plant and steelwork	PA484.2	Miscellaneous manufactures of paper and board
PA342	Ordnance and small arms	PA489	Printing and publishing of newspapers and period General printing, publishing etc.
PA349	Ball and roller bearings	PA491	Rubber
	Precision chains and other mechanical engineering	PA492	Linoleum, plastics floor covering, leathercloth etc
PA351	Photographic and document copying equipment	PA493	Brushes and brooms
PA352 PA353	Watches and clocks Surgical instruments and appliances	PA494.1	Toys, games and children's carriages
PA354	Scientific and industrial instruments and systems	PA494.3	Sports equipment Miscellaneous stationers' goods
	Electrical machinery	PA496	Plastics products
PA361			Musical instruments
PA362	Insulated wires and cables	PA499.1	Widsical Histi ullicitis
PA362 PA363	Telegraph and telephone apparatus and equipment	PA499.2	Miscellaneous manufacturing industries
PA362 PA363 PA364	Telegraph and telephone apparatus and equipment Radio and electronic components	PA499.2 PA601	Miscellaneous manufacturing industries Gas
PA362 PA363	Telegraph and telephone apparatus and equipment	PA499.2 PA601 PA602	Miscellaneous manufacturing industries

e information in this report relates to establishments classified to the Bacon curing, meat and fish oducts industry, minimum list heading 214 in the Standard Industrial Classification (revised 1968). The livities of the industry include:-

The quick freezing of meat and meat products including poultry, and fish and fish products; curing bacon and ham, canning and otherwise preserving meat, poultry and fish, preparation of oven ready poultry and making sausages, meat pasties, pies and puddings, meat extracts and essences, meat and fish pastes and lard. Production at distributive establishments is excluded.

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

-				
-		-1	177	
Tr.	A	RL	. 84	

Input and output, 1970 and 1971
All United Kingdom establishments classified to the industry (a)

THEO THE STATE OF MARK OF THE PARTY.	Unit	1970	1971
Enterprises	Number	864 ^R	848
Establishments	п	1,058	1,058
D0000	A STATE OF SHIP OF		ibli desti salas ban ban
Sales of goods produced and work done	£,000	726,112	828,754
Services rendered to other organisations (b)	11	1,495	925
Goods merchanted or factored	II .	48,830	49,788
Canteen takings	II	1,344	1,484
			T - engritationsA
Total sales and work done	II .	777,781	880,951
2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 00 5 5 5 5		
Increase during the year, goods on hand			The services
for sale	П	5,656	2,816
Increase during the year, work in progress	11	1,278	438
and to the second second	88888		
Gross output	11	784,714	884,205
23/15			toke and story on progress
Cost of purchases	H B	572,606	641,839
Increase during the year, stocks of		1 550	1 007
materials, stores and fuel	11	1,752	1,827
Payments to other organisations for work done on materials given out	11	654	278
for transport by road		17,268	19,189
for transport by rail, water, air			
and Post Office parcel services	ıı ı	1,807	1,512
Levies payable under Bacon curing industry		1	
Stabilisation scheme	II		762
Less allowances receivable from Bacon curing		- 16,068	
industry Stabilisation scheme and Fatstock guarantee scheme	A Production and and	adelidates no	22,390
	11	574,515	639,361
Total costs	ia idates seixplosides	210,199	244,844
Net output	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	210,139	211,011
Total employment (including working	Thousands	104.5	106.5
proprietors) (c) Net output per head	£	2,012	2,300
Analysis by the parties and the same and the		_,,,	

Table No	Title	Page	
	Section I - Estimates for all United Kingdom establishments in the industry		
1	Input and output, 1970 and 1971 - Establishments classified to the industry	PA214	3
2	Capital expenditure and stocks, 1970 and 1971 - Establishments classified to the industry	PA214	4
3	Analysis of establishments by size, 1971 - Establishments classified to the industry	PA214	5
4	Percentage analysis of employees by full and part time employment and sex, 1971 - Establishments classified to the industry	PA214	6
5	Regional distribution of employment, net capital expenditure and net output, 1971 - Establishments classified to the industry	PA214	7
	Section II - Analysis of returns received		
6	Percentage analysis of twelve-month periods covered by returns from establishments employing 25 or more persons, 1971	PA214	8

⁽a) For 1971, estimates for establishments not making satisfactory returns and for establishments employing less than 25 persons, accounted for 17 per cent of the total figures in which they were incorporated: of this unsatisfactory returns accounted for 10 per cent. For 1970 the comparable figures were 19 per cent and 13 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)

		(a) Vitaupal 3	147 01 091	11888/3 R&NSER4	Cloudes mobused believe
		Person Senemer Asses		1970	1971
Capital expenditure (b)	4-183	L. Establishman		£'000	£,000
New building work				5,799	6,821
Land and existing build	ings				
Acquisitions				1,270	692
Disposals			tions requi	763	656
Plant and machinery	b+6.1				maida m.,
Acquisitions				12,108	15,209
Disposals				405	by the ban selected
Vehicles				The state of the s	
Acquisitions				3,796	4,402
Disposals				838	1,145
Total net capital ex	mpenditure (c)			20,967	24,695
Stocks and work in progres	s at end of yea	r (d)			
Materials, stores and fu	nel 800,278			21,697	22,308
Work in progress				7,126	7,478
Goods on hand for sale	694	i i i		33,952	31,616
Total stocks				62,775	61,402

For 1971, estimater for astablishments not asking satisfactory returns and for sotablishment was closely for 17 per cent of the total figures in which they were incorporated; of this questionactory returns accounted for 10 per cent. For 1970 the comparable figures were 19 per cent sed 13 per cent respectively.

⁽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.

Analysis of establishments by size, 1971

All United Kingdom establishments classified to the industry (a)

			8	Employe	es	Wages and s	alaries	Wages and s per he		Total	Gross	Net	Net output	Capital	Total stocks and work in progress at
Size group (b)	Estab- lishments	Enter- prises (c)	Total employment (b)	Operatives	Others (d)	Operatives	Others (d)	Operatives	Others (d)	work done (e)	output	output	per head		end of year
	Number	Number	Number	Numbe r	Number	£'000	£,000	£	£	£,000	£,000	£'000	£	£'000	£,000
1-10	351	340	1,909	1				87049	A CONTRACTOR OF THE CONTRACTOR						7
11-24	276	259	4,697	14,849	2,524	13,520	3,614	910	1,432	180,388	180,902	37,063	2,048	4,450	9,334
25-49	122	112	4,444	14,040	2,021	10,020		4					140 121 25	I E FA	8
50-99	101	91	7,049	J					9	21-		2/2	0	0.740	6,813
100-199	85	64	11,586	9,772	1,790	9,063	2,422	927	1,353	117,232	117,515			2,748	
200-299	52	38	12,527	9,891	2,612	9,341	3,505	944	1,342	118,096	118,699			2,998	8,637
300-399	19	17	6,513	5,253	1,249	5,318	1,763	1,012	1,412	52,239	52,725	14,351		1,336	3,921
400-499	15	13	6,952	5,906	1,043	5,434	1,440	920	1,380	67,029	67,785	12,833		2,169	5,598
500-749	14	12	9,109	7,392	1,717	6,805	2,552	921	1,486	61,331	61,572	17,602	1,932	2,458	3,985
750-999	9	9	8,173	6,636	1,535	6,388	2,135	963	1,391	49,659	49,693	15,531	1,900	4,076	3,518
1,000-1,499		5	6,267	5,341	924	5,732	1,523	1,073	1,648	39,418	39,580	14,098	2,250	1,981	1,919
1,500-2,499		4	7,229	5,868	1,361	8,192	2,056	1,396	1,510	49,399	49,457	16,506	2,283	873	2,085
2,500 and over	5	3	19,999	14,903	5,096	16,981	7,835	1,139	1,537	146,160	146,277	62,345	3,117	1,607	15,593
Total	1,058	848	106,454	85,811	19,851	86,774	28,844	1,011	1,453	880,951	884,205	244,844	2,300	24,695	61,402

- (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.

ABLE 5

Sex		Full time			Part time				All employees		
		per cent				per cen	t s			per cent	
Male		52		18, 80		2		18		54	
Female	98.	32		GR7 78		14		100		46	
		8 8 8	8.8	3.3	9	8	8			8 1	
		84		5 K		16		1.794		100	

Source: Department of Employment

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

PA214 6 Regional distribution of employment, net capital expenditure and net output, 1971

								7
Area alon la de la	Average employe		Net ca expendit		establish	and employment in ments with more that loyment in the regi	n 80 per cent of	
to the control of the					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	I
men seems and the lique	Thousands	per cent of United Kingdom	£'000	per cent of United Kingdom	£,000	protect of the control of the contro	zainia (608 Planta de constante	
Standard Regions of England	Stations of the control of the contr			9/44			Datasenhare Constitution of the Constitution o	
North	6.0	5.6	620	2.5	5,660	50.5	2.3	
Yorkshire and Humberside	6.8	6.4	1,190	4.8	8,224	58.3	3.4	
East Midlands	6.7	6.3	1,498	6.1	9,618	74.2	3.9	
East Anglia	11.1	10.4	5,084	20.6	31,209	89.0	12.7	
South East	25.0	23.5	4,060	16.4	56,721	85.7	23.2	
South West	10.1	9.4	969	3.9	16,675	77.2	6.8	
West Midlands	8.6	8.1	2,364	9.6	15,240	81.5	6.2	
North West	10.8	10.2	1,561	6.3	15,308	78.9	6.3	
England:	85.1	79.9	17,346	70.2	158,655	78.3	64.8	
Wales	1.8	1.7	899	3.6	1,147	31.8	0.5	
Scotland	15.0	14.1	5,321	21.6	22,062	76.9	9.0	
Great Britain	101.9	95.7	23,566	95.4	181,865	77.2	74.3	
Northern Ireland	4.6	4.3	1,130	4.6	7,779 55,200	93.0	3.2 22.5	
Unallocated (d)	106.5	100.0	24,695	100.0	244,844		100.0	
United Kingdom	100.0	1						

- (a) Including working proprietors.
- (b) New building work plus acquisitions less disposals of land and existing buildings, plant and machinery and vehicles.
- 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.

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

	Accounting year	ended	Percentag	e of total received	returns	Percentage of total number employed			
			ruping 1 - 500 s	per cent	Twe true	No.	per cent		
1971	April (a)	Alle topo contrata		3.8			2.8		
	May	a se heyo qua		6.9			9.0		
	June	esitema in suite		4.9	Cata di loss		1.6		
	July	en today and ar		2.6			1.3		
	August	and Spare Staff and		2.0			0.7		
	September			7.2	00019	an tert in	4.6		
	October			9.5			10.4		
	November			1.2		Buria L	0.2		
	December			23.6			35.8		
1972	January			17.3			19.8		
	February			2.0			1.2		
	March (b)	1.00		19.0		6.8	12.6	bna tala ahlas	
	0,8	2.07	Fara, e	100.0	- Billianian III		100.0	elogibil	

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

Produced in Wales by Her Majesty's Stationery Office Reprographic Unit, Cardiff Dd. 506616 K7 Cdf 562 9/74

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 pasis 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 nquiry. Where this was not possible—for example where a nuarterly production inquiry had not then been introducedhe classification of an establishment reflects its return to the Census of Production, 1968. Establishments for which informaion 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; esearch, 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.

Enterpris

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

Value of sales and work done

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

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

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.

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:

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.

© Crown copyright 1974

Her Majesty's Stationery Office

Government Bookshops

49 High Holborn, London WC1V 6HB

13a Castle Street, Edinburgh EH2 3AR

41 The Hayes, Cardiff CF1 1JW

Brazennose Street, Manchester M60 8AS

Southey House, Wine Street, Bristol BS1 2BQ

258 Broad Street, Birmingham B1 2HE

80 Chichester Street, Belfast BT1 4JY

Government publications are also available through booksellers