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DEPARTMENT OF TRADE AND INDUSTRY BUSINESS STATISTICS OFFICE

Report on the Census of Production 1968

87 - 124

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)

STATISTICS
BACK-UP
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NOTES

1. These notes give the main information needed for interpreting the Census figures. More detailed information about the Census is given in a separate booklet - 'Description of the Census': Part I of the Report on the Census of Production for 1968.

SCOPE OF THE 1968 CENSUS AND CHANGES COMPARED WITH 1963

- The Census for 1968 was taken within the framework of the Standard Industrial Classification (Revised 1968) and covered all industries listed in Orders II to XXI, ie industries engaged in manufacturing, mining and quarrying, construction, and gas, electricity and water supply. As a result of the revision to the Standard Industrial Classification there have been changes compared with 1963 in the definitions of individual industries (details of which are given in the separate parts of the Report relating to them) and their allocation to Orders of the Standard Industrial Classification. Details are now given for some industries (in particular in the chemical and engineering sectors) which have not been separately distinguished before; while for the production of perambulators, hand trucks, etc for which there was a separate report for 1963, the particulars are now mainly included in the Report on the Toys, Games, etc Industry.
- 3. The number of separate industry reports has increased from 128 in the 1963 Census to 153 for the 1968 Census. Apart from the increase in the number of industries identified in the 1968 Census the revision of the Standard Industrial Classification also led to changes in the scope of the Census and the following activities, which were out of scope of the 1963 Census are included in the Census for 1968. The minimum list heading to which each is classified is shown in brackets.

Peat cutting and digging	(109/4)
Heat treatment of milk	(215/1)
Coffee blending, grinding	(210/1/
and roasting	(229/2)
Tea blending	(229/2)
Jacquard card cutting and	()
designing	(335)
Preparation of oven ready poultry at packing stations	
poultry at packing stations	(214/2)

Agricultural machinery repairing; boiler and motor-car breaking; and the sorting and cleaning of woollen and worsted hair rags which was in scope of the 1963 Census were excluded for 1968.

4. The rules used in classifying establishments to industries and to sub-divisions of industries were slightly changed for 1968. The most general change concerned the dropping of the rule by which in 1963 the classification of an establishment was only changed if the pattern of its output had altered considerably between two consecutive censuses. A number of changes which had limited application were also made, the most notable being

the treatment given to parts of machines, principal products of the mechanical engineering group of industries.

- 5. Another change concerned the exemption from the requirement to complete a detailed return. In this Census exemption applied to the establishment and not, as in previous censuses, to the firm. This meant that a firm with more than one establishment employing fewer than 25 persons at each, but with 25 or more persons in total, was exempted for 1968 from completing a detailed return (except in industries in which short forms were used see paragraph 19). In previous censuses such a firm would have been required to provide a combined detailed return covering all establishments.
- 6. There were a number of differences in the information collected compared with 1963, notably that the questions asked about employers' contributions to National Insurance, private pension schemes, etc for 1963 were not asked for 1968. Instead information was obtained from the Department of Employment resulting from their Labour Costs Survey, 1968 upon which estimates could be based.
- The method of collection of information on small establishments also differed between the 1963 and 1968 Censuses in selected industries where a short form was used; for the 1963 Census only a sample of small establishments was approached to give detailed information on their businesses, the remainder being required to provide simply a statement of the nature of work done and the average number of persons employed. For the 1968 Census all the small establishments in the selected 'short form' industries (with the exception of the Construction Industry (other than Public Authorities) where a 1 in 12 sample was used) were asked to provide detailed information.
- 8. Additional information about payments for certain services was obtained from a sample of enterprises in a supplementary inquiry into business expenses and receipts. This was in respect of payments for advertising, market research, professional services, royalties, etc and commercial insurance premiums. Receipts from royalties, etc were also collected in the supplementary inquiry. Similar data (except for that relating to professional services) were collected in 1963. The information is incorporated with Census data in Summary Tables 4 and 5 in Part 156.
- 9. For the purpose of this Report the 1963 returns for larger establishments have been reclassified to bring them into line with the Standard Industrial Classification (Revised 1968) wherever possible, but because of the nature of the questions asked in the 1963 Census it was not always possible to do so and the correspondence therefore is not always exact. It was more difficult to reclassify the 1963 forms for small establishments because of the absence of sales data and in such cases the pattern of reclassification

of returns from larger establishments was taken as a guide. Nevertheless the figures for 1963 in the reports are fairly closely comparable with those for 1968, except for some industries where new activities have been included or where significant changes were made in the coverage of sales headings. All important changes in classification are described in the introduction to the relevent industry reports.

TERMS USED IN THE CENSUS REPORTS

Average number employed

10. Establishments were required to state the number of persons on the payroll (ie 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) operatives (see below). 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 (see below) where appropriate and these are included in total employment figures. Information on outworkers (ie persons employed by firms, who worked in their own homes on materials supplied by the establishment making the return) are excluded. The figures also include persons engaged in merchanting and factoring and canteen workers where particulars 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 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, but directors paid by fee only are excluded.

Employees

- (i) 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.
- (ii) Operatives cover all other classes of employees, that is, broadly speaking all manual wage earners. They include those employed in or about the factory or works; in power houses, transport work, stores warehouses, shops and canteens; inspectors, viewers and similar workers; maintenance workers; cleaners. Operatives engaged in outside work of erection, fitting, etc are

also included, but outworkers are excluded. Information about the numbers of outworkers employed was collected only for the Gloves Industry.

Capital expenditure

(i) New building work

This represents the cost incurred during the year of new building and other new 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 and re-construction 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.

(ii) Land and existing buildings

The items shown are the capital cost of freeholds purchased and the capital cost or premium payable for leaseholds acquired (excluding the value of any assets acquired in taking over an existing business), and the amounts receivable for any freeholds or leaseholds disposed of. The value is that charged to capital account during the year of return.

(iii) Plant, machinery and vehicles

The items shown are the value of plant and machinery and of vehicles acquired, both new and second-hand, and the amount received for items disposed of during the year. The value of plant and machinery acquired includes plant, etc which firms produced for their own use in connection with the business covered by the return. The value of plant, etc acquired is the expenditure charged to capital account during the year of return less any discounts received, but including the cost of transport and installation. No deduction is made for depreciation, amortisation or obsolescence. The proceeds of items disposed of during the year exclude amounts written off for items scrapped.

(iv) Capital expenditure during the year in respect of establishments where production had not started before the end of the year is excluded from the figures for both 1963 and 1968.

Combined returns

11. A combined return is one which covers two or more establishments in the same census industry and in the same country (England, Scotland or Wales); the number of operatives employed in each of the establishments covered by the return was required to be given.

Enterprise

12. The term enterprise is used in this Report to mean one or more establishments under common ownership or control. An enterprise 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

13. For the 1968 Census an establishment is defined in accordance with the Standard Industrial Classification (Revised 1968) as being the smallest unit which can provide information normally required for an economic census, for example employment, expenses, turnover, capital formation. Establishments were asked to exclude from all sections of their returns particulars relating to any department not engaged in production for which separate records were kept. Where separate accounts were not kept, returns included details of merchanting or factoring, and other ancillary activities such as bottling, packing and manufacture of containers for packing their own products, whether or not these activities were carried on at the same address as the works, building and engineering maintenance, selling and transport and the operation of canteens.

Larger establishments are establishments in which 25 or more persons were employed on average during the year.

Small establishments are establishments in which fewer than 25 persons were employed on average during the year.

Gross output

14. The gross output of an industry is the aggregate value of goods made and other work done during the year by establishments classified to the industry. It is derived by subtracting from the value of sales and work done, the value of stocks of goods on hand for sale and work in progress at the beginning of the year and adding the value at the end of the year.

Vet output

15. The net output of an industry represents the value added to the materials by the process of production. It includes the gross margin on any merchanted or factored goods sold: it constitutes the fund from which wages, salaries, hire of plant and machinery, payments for repairs and maintenance, cost of operating the road goods vehicles, rents, rates and taxes, advertising and other selling expenses and all other similar charges have to be met, as well as depreciation and profits. There is no appreciable duplication involved in adding together the net output of several establishments.

Net output has been obtained by deducting from gross output (see paragraph 14) the cost of purchases adjusted for stock changes, payments for work given out to other establishments and payments for transport.

Normally any customs duty or excise duty on materials purchased is included in the cost of materials. Similarly, finished goods sold have been valued as they were sold, duty paid or duty free. The amounts of duties, subsidies, allowances and levies receivable or payable, where of substantial importance to the industry, were required to be stated separately, and these items were taken into account when calculating net output.

Net output per person employed

16. The figures for 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

17. 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 full 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 parts for machinery purchased during the year of return 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 organisation, for delivery of materials and fuels are, therefore, excluded. Materials purchased overseas are included at their 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

18. 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 by 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 (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, allowance 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.

Short form

19. This term is used to mean the simplified version of the full census forms sent to small establishments in industries where small establishments account for a relatively high proportion of total employment.

Standard Industrial Classification

20. The industries to which establishments and enterprises are classified are defined in terms of the Standard Industrial Classification (Revised 1968).

Stocks and work in progress

21. Values are given of stocks of goods on hand for sale, and of materials and fuel, at the beginning and end of year of return, including any stocks of goods held for merchanting or factoring. The values include duty in the case of dutiable goods held out of bond. The value of work in progress at the beginning and end of the year is also usually shown. This excludes any progress payments made to sub-contractors, and no deduction is made on account of progress payments received. Separate detail is,

however, given for progress payments received by manufacturers in industries producing capital items. In practice, figures of stocks and work in progress normally show the end of year values and the change, plus or minus, during the year.

Transport payments

22. These represent the total amount paid or credited during the year for both outward transport of finished goods sold and inwards transport of materials and fuel purchased. They include payments 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 the payments for hired cartage and for inwards and outwards carriage by all forms of inland transport, ie railways, road haulage, canals, coast-wise shipping, air, etc. Payments made for sea and air freight on goods sold to overseas customers and on materials and fuel purchased from overseas suppliers are excluded.

Wages and salaries

23. These are the amounts paid during the year to operatives and to administrative, technical and clerical employees. Payments made 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 Insurance and pensions schemes is excluded.

Symbols used

- 24. The following symbols are used throughout the report:
 - .. not available
 - nil or negligible (less than half the final digit shown)
 - * figures cannot be shown owing to the risk of disclosing information about individual enterprises.

Rounding of figures

25. The figures in the tables have, where necessary, been rounded to the nearest final digit. There may, therefore, be discrepancies between the sums of the constituent item and the totals shown.

LIST OF INDUSTRY REPORTS, ETC

The symbol * indicates a report which includes additional tables containing particulars for small firms. In the report marked $\not\vdash$ the additional analysis for small establishments relates to a part of the industry only.

Report		Standard
Part No.		Industrial Classificatio Reference
1	Description of the Census	
	MINING AND QUARRYING	ORDER II
2 3 4 5 6	Coal mining *Stone and slate quarrying and mining *Chalk, clay, sand and gravel extraction Metalliferous mining and quarrying Petroleum and natural gas, salt and miscellaneous non-metalliferous mining and quarrying	101 102 103 109/1 and 2 104,109/3 and 4
	FOOD, DRINK AND TOBACCO	ORDER III
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Grain milling Bread and flour confectionery Biscuits Bacon curing, meat and fish products Milk and milk products Sugar Cocoa, chocolate and sugar confectionery Fruit and vegetable products Animal and poultry foods Vegetable and animal oils and fats Margarine Starch and miscellaneous foods Brewing and malting *Soft drinks Spirit distilling and compounding British wines, cider and perry Tobacco	211 212 213 214 215 216 217 218 219 221 229/1 229/2 231 232 239/1 239/2 240
24 25	COAL AND PETROLEUM PRODUCTS Coke ovens and manufactured fuel Mineral oil refining	ORDER IV 261 262
26	Lubricating oils and greases	263
	CHEMICALS AND ALLIED INDUSTRIES	ORDER V
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	General chemicals (inorganic) General chemicals (organic) General chemicals (other than inorganic and organic) Pharmaceutical chemicals and preparations Toilet preparations Paint Soap and detergents Synthetic resins and plastics materials and synthetic rubber Dyestuffs and pigments Fertilizers Polishes Formulated adhesives, gelatine, etc Explosives, fireworks and matches Formulated pesticides and disinfectants Printing ink Surgical bandages, etc Photographic chemical materials	271/1 271/2 271/3 272 273 274 275 276 277 278 279/1 279/2 279/3 279/4

Report Part No.		Standard Industrial Classification Reference	Repo Par No.	t	Standard Industrial Classification Reference
	THE MANUEL COURT	ORDER VI		METAL GOODS NOT ELSEWHERE SPECIFIED	ORDER XII
ME	CTAL MANUFACTURE	311	87	Engineers' small tools and gauges	390
44	Iron and steel (general)	312	88	*Hand tools and implements	391
15	Steel tubes	313	88 89 90	Cutlery, spoons, forks and plated tableware, etc	392
46	Iron castings, etc Aluminium and aluminium alloys	321 322	90 91	Bolts, nuts, screws, rivets, etc Wire and wire manufactures	393
40	Carron brace and other copper alloys	323	92	Cans and metal boxes	394 395
48 49	Miscellaneous base metals		92 93	⊬Jewellery and precious metals	396
10			94	Metal furniture	399/1
	ECHANICAL ENGINEERING	ORDER VII	95 96	Drop forgings, etc Metal hollow-ware	399/5 399/6 and 7
M	ECHANICAL ENGINEERING	331	97		399/6 and 7 399/2,3 and 4
50	Agricultural machinery (except tractors)	332		the state of the s	and 399/8,9,
51	Motal-working machine tools	333			10,11 and 12
52	Pumps, valves and compressors	334			
53	Industrial engines Textile machinery and accessories	335 336		TEXTILES	ORDER XIII
54 55	Construction and earth moving equipment	337			
56	Mechanical handling equipment	338	98 99	Production of man-made fibres	411
56 57	Office machinery	339/1	100	Spinning and doubling on the cotton and flax systems Weaving of cotton, linen and man-made fibres	412
58	Mining machinery Printing, bookbinding and paper goods making machinery Printing, bookbinding and paper goods to type refrigerators)	339/2 339/3	100	Woollen and worsted	413 414
59 60	Printing, bookbinding and paper goods making machinery Refrigerating machinery (except domestic type refrigerators) Refrigerating machinery and air-conditioning equipment	339/4	102	Jute	415
61	Cause heating ventilaling and all conditions	339/7	103	Rope, twine and net	416
62	Food and drink processing machinery	339/5,6,8 and	104 105	Hosiery and other knitted goods *Lace	417
63	Miscellaneous (non-electrical) machinery Industrial (including process) plant and steelwork	341 342	105	Carpets	418 419
64 65	Ordnance and small arms	349	107	Narrow fabrics	421
66	General mechanical engineering		108	Made-up household textiles and handkerchiefs	422/1
		NEED TO A CONTROL OF THE PARTY	109 110	*Canvas goods and sacks, etc Textile finishing	422/2
	INSTRUMENT ENGINEERING	ORDER VIII	111	Asbestos	423 429/1
		351	112	*Miscellaneous textiles	429/1
67	Photographic and document copying equipment	352			no. Saprica (Pr. 121
68	Watches and clocks	353		LEATHER LEATHER GOODS AND DUD	00000
69	Surgical instruments and appliances Scientific and industrial instruments and systems	354		LEATHER, LEATHER GOODS AND FUR	ORDER XIV
70	Scientific and industrial instance		113	Lasthan (tanning and dragging) and fall-arrays	404
		ORDER IX	114	Leather (tanning and dressing) and fellmongery *Leather goods	431 432
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71	Electrical machinery Insulated wires and cables	363		OLOMBING AND FOOTHERAD	STATE OF THE PARTY OF THE PARTY.
72 73	Tolograph and telephone apparatus and equipment	364		CLOTHING AND FOOTWEAR	ORDER XV
74	Radio and electronic components Broadcast receiving and sound reproducing equipment	365	116	Weatherproof outerwear	restont gamente Val
75		366 367	117	Men's and boys' tailored outerwear	441 442
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78	Floatric anniances of indiality for domestre	369	119 120	Overalls and men's shirts, underwear, etc	444
79	Miscellaneous electrical goods		120	*Dresses, lingerie, infants' wear, etc *Hats, caps and millinery	445
		ODDED V	122 123	Corsets and miscellaneous dress industries	446 499/1,3 and 4
	SHIPBUILDING AND MARINE ENGINEERING	ORDER X		Gloves	449/2
		370	124	Footwear	450
80	Shipbuilding and marine engineering				
		anto the strategic		BRICKS, POTTERY, GLASS, CEMENT, ETC	OPDED VVI
	UPHLOLEC	ORDER XI		origin, diamon, dement, etc	ORDER XVI
	VEHICLES	380	125	Bricks, fireclay and refractory goods	461
81	Wheeled tractor manufacturing	381	126	Pottery	461 462
82		382	127	Glass	463
83	Motor vehicle manufacturing Motor cycle, tricycle and pedal cycle manufacturing Aerospace equipment manufacturing and repairing	383	128 129	Cement	464
84	Aerospace equipment manufacturing and repairing Locomotives and railway track equipment	384 385	130	Abrasives *Miscellaneous building materials and mineral products	469/1
85 86	Railway carriages, wagons and trams	303		materials and mineral products	469/2
00		*			

Report Part No.		Standard Industrial Classificati Reference
	TIMBER, FURNITURE, ETC	ORDER XVI
131 132 133 134 135 136	*Timber Furniture and upholstery *Bedding and soft furnishings *Shop and office fittings *Wooden containers and baskets *Miscellaneous wood and cork manufactures	471 472 473 474 475 479
	PAPER, PRINTING AND PUBLISHING	ORDER XVIII
137 138 139 140 141 142 143	Paper and board Cardboard boxes, cartons and fibre-board packing cases Packaging products of paper and associated materials (other than board) Manufactured stationery Miscellaneous manufactures of paper and board Printing, publishing of newspapers and periodicals *General printing, publishing, etc	481 482/1 482/2 483 484 485,486 489
	OTHER MANUFACTURING INDUSTRIES	ORDER XIX
144 145 146 147 148 149 150	Rubber Linoleum, plastics floor covering, leathercloth, etc *Brushes and brooms Toys, games, childrens' carriages and sports equipment Miscellaneous stationers' goods Plastics products *Miscellaneous manufacturing industries	491 492 493 494 495 496 499
	CONSTRUCTION	ORDER XX
151	*Construction	500
	GAS, ELECTRICITY AND WATER	ORDER XXI
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162 163 164	Directory of Businesses: Metal Manufacture Directory of Businesses: Mechanical Engineering Directory of Businesses: Instrument Engineering; Electrical	ORDER VI ORDER VII ORDERS VII and IX
165	Engineering Directory of Businesses: Shipbuilding and Marine Engineering; Vehicles	ORDERS X and XI
166 167 168	Directory of Businesses: Metal Goods Not Elsewhere Specified Directory of Businesses: Textiles Directory of Businesses: Leather, Leather Goods and Fur; Clothing and	ORDER XII ORDER XIII ORDERS XII and XV
169	Footwear Directory of Businesses: Bricks, Pottery, Glass, Cement, etc; Timber, Furniture, etc	ORDERS XVI and XVII
170 171	Directory of Businesses: Paper, Printing and Publishing Directory of Businesses: Other Manufacturing Industries	ORDER XVII

87 Engineers' small tools and gauges

This Report on the Engineers' Small Tools and Gauges Industry relates to establishments engaged wholly or mainly in manufacturing engineers' small tools, tool holders and work holders of the types used with metal-working machine tools, and engineers' gauges (other than pressure and vacuum measuring instruments, and optical gauges).

This industry corresponds to minimum list heading 390 in the Standard Industrial Classification (Revised 1968) which has been used for the first time as a basis of classification in the 1968 Census.

The industry corresponds to the Engineers' Small Tools and Gauges Industry (Part 43) in the Reports on the last detailed Census of Production for 1963, except that woodboring machine bits formerly included in this industry are now included in the Report on the Hand Tools and Implements Industry (Part 88).

Throughout this Report, the figures given for 1933 have been reclassified, as far as possible, according to the Standard Industrial Classification (Revised 1968) so that data for 1963 and 1968 are on the same industrial basis. However the reclassification of small firms, which provided limited information only, has been arbitrary.

In interpreting the data in the tables it is essential to bear in mind the notes and definitions which appear on pages (i) to (iv).

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	SECTION II - Analysis of returns received	
4	Analysis of larger establishments, 1963 and 1968	87/
5	Sales of principal products of the industry by larger establishments, including sales by establishments classified to other industries, 1963 and 1968	87/
6	Sales of principal products of the industry by larger establishments classified to other industries, 1963 and 1968	87/1
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- (c) Including services rendered to other organisations (amounts charged for hiring out plant, machinery or other goods, for providing transport, or for technical or other services
- (d) Administrative, technical and clerical employees.
- (e) Excluding expenditure for establishments not yet in production.
- (f) Acquisitions <u>less</u> disposals.

TABLE 1 Industry summary, 1963 and 1968 United Kingdom (a) (b)

		Unit	All establishments		
	The state of the s	Unit	1963	1968	
Number of enterprises	As some the same to the same t	No.	1, 340	1,452	
Number of establishments		п	1, 413	1,594	
Gross output		£'000	112, 427	170,629	
Net output		n n	74, 312	113,695	
Net output per head		£	1, 294	1,730	
Sales and work done	goods produced and work done (c)	£'000	103,724	158, 202	
sales and work done	merchanted goods and canteen takings	п	8,000	10,458	
Purchases	materials for use in production and packaging and fuel	"	28, 183	43,513	
archaeses	goods for merchanting and canteen purchases	"	6,863	8,926	
	for work done on materials given out	п	2, 436	3,894	
ayments to other	for transport				
organisations	by road	"		555	
	by rail and other means excluding postal services	. "	30	276	
Stocks and work in progress					
Total stocks and	change during year	"	+ 600	+ 2, 200	
work in progress	at end of year	п	27,969	40,489	
Goods on hand for sale	change during year	п	+ 274	+ 279	
doods on hand for safe	at end of year	ıı ıı	10,400	13, 27 1	
Work in an annual	change during year	п	+ 429	+ 1,690	
Work in progress	at end of year	н	9,326	15,985	
	change during year	п	- 103	+ 231	
Materials, stores and fuel	at end of year	11	8,242	11, 233	
	total, including working proprietors	Th.	57.4	65.7	
dumber employed on average during the year	operatives	п	42. 4	48.6	
aring the year	other employees (d)	н	13.0	15.5	
	of operatives	£'000	30,096	48, 244	
ages and salaries	of other employees (d)	"	12, 288	18,907	
Capital expenditure (e)					
Total		"	6,429	10,457	
New building work		и	1, 368	1,519	
Land and existing building	s (f)	11	134	218	
Plant and machinery (f)		"	4, 532	8,071	
Vehicles (f)		11	395	648	

⁽a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for 19 per cent. of the total figures in which they were incorporated: of this, unsatisfactory returns accounted for 3 per cent. For 1963 the comparable figures were 20 per cent. and 3 per cent. respectively.

(b) The following information relates to small establishments (employing fewer than 25 persons) in this industry. It includes an estimate for small establishments not making satisfactory returns.

and for analt obtablication not	making barraractory	recuir
	1963	1968
Number of establishments Average number employed	963	1,079
Working proprietors	1,719	1, 279
Other persons employed	8,862	10, 281

Footnotes continued on page 87/2.

TABLE 2 Analysis by size of establishment within the industry, 1968

(i) Output and employment

All establishments: United Kingdom

Number employed on average during the year by the establishment (a)	Estab- lish- ments	Enter- prises (b)	Total number employed on average during the year (a)	Gross output	Net output	Net output per head
Salara Salara	Number	Number	Number	£'000	£,000	£
1-5	253	252	783			••
6-10	231	229	1,786			
11-24	452	450	7,751			
25-49	204	197	7,540	18,334	13,991	1,856
50-99	164	151	11, 184	27,941	19,938	1,783
100-199	68	58	9, 132	23,095	15, 161	1,660
200-299	28	25	6,590	17,355	11,634	1,765
300-399	11	10	3,979	11,857	7,818	1,965
	5	5	2, 355	7,205	3,752	1,593
400-499	10	9	5,858	15, 332	9,904	1,691
500-749	5	5	6,527	16,958	9,765	1, 496
750 and over Unsatisfactory returns	163	160	2, 248			
Total	1,594		65,733	170,629(c)	113,695(c)	1,730(c)

(ii) Employees, wages and salaries

All establishments: United Kingdom

Number employed	Employ	Employees		Wages and salaries		Wages and salaries per head	
on average during the year by the establishment (a)	Oper- atives	Others (d)	Oper- atives	Others (d)	Oper- atives	Others (d)	
	Number	Number	£,000	£'000	£	£	
1-5							
6- 10							
11-24	10000						
25-49	5,904	1,461	6,869	1,971	1, 163	1, 349	
50-99	8,712	2, 360	9,548	3,088	1,096	1,308	
100-199	6,814	2,287	6,622	2,742	972	1, 199	
200-299	4,830	1,756	4,931	2,066	1,021	1, 176	
	2,784	1, 195	2,746	1,529	986	1, 279	
300-399	1,729	626	1,461	681	845	1,088	
400-499		1,658	3,851	1,836	917	1, 107	
500-749	4, 198	1,448	3,712	1,674	731	1, 156	
750 and over	5,079						
Jnsatisfactory returns						4 010/-	
Total	48,608(c)	15,508(c)	48, 244(c)	18,907(c)	993(c)	1,219(c	

⁽a) Including working proprietors.

TABLE 3 Percentage analysis of employees, by age and sex, 1969 (a)

All establishments: United Kingdom

Ages	Males	Females	All employees
F. Strike Live St.	Per cent.	Per cent.	Per cent.
Under 18	4	1	5
18 and over	73	22	95
All ages	77	23	100

Source: Department of Employment

(a) The percentages relate to the numbers employed (excluding working proprietors) at June 1969, the earliest date for which the information is available on the basis of the Standard Industrial Classification (Revised 1968).

Footnotes to Table 4.

- (a) Some establishments employing fewer than 25 persons were included in returns for larger establishments. These amounted to 21 establishments in 1968 and 18 in 1963.
- (b) The method of classifying returns to sub-divisions of the industry is explained in the notes; the characteristic products of each sub-division are identified in Table 5.
- (c) The sum of the figures for the sub-divisions exceeds the total for the industry to the extent that enterprises made returns for more than one sub-division.
- (d) Including 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).
- (e) Direct sales of goods (excluding canteen takings) made to, and work done for, the general public by larger establishments are included. These amounted to £6,000 in 1968. Similar information is not available for 1963.
- (f) Characteristic products relate only to sub-divisions of the industry.
- (g) For sub-divisions of the industry, this is the ratio of sales of characteristic products to total sales of goods produced and work done. For the industry as a whole, this is the ratio of total sales of principal products by the industry to total sales of goods produced and work done.
- (h) Administrative, technical and clerical employees.
- (i) Excluding expenditure for establishments not yet in production.

⁽b) 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.

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

⁽d) Administrative, technical and clerical employees.

TABLE 4 Analysis of larger establishments, 1963 and 1968
Establishments employing 25 or more persons: Analysis of returns received, United Kingdom (a)

Establishments employing 25 or more persons:			: Analysis of returns received, United Kingdom (a)					
			Sub-	divisions of	the industr	ry (b)		
			tools, tip	al tipped os and dies	other t	tting tools than hard tipped		
		27 300	1963	1968	1963	1968		
Number of enterprises (c)		No.	30	31	66	62		
Number of establishments		" "	36	41	91	87		
Gross output		£'000	11,492	15, 167	35,966	50,156		
Net output		11	6,568	9,301	22,009	30,942		
Net output per head		£	1,651	1,823	1, 219	1,634		
	goods produced and work done (d) (e)	£'000	10,350	13,914	32, 135	45,534		
Sales and work done	merchanted goods and canteen takings	п	1,076	1,075	3,732	3,991		
Sales of characteristic p	roducts	11	8,417	10,964	25,356	37, 206		
Index of specialisation (g)	Per	81	79	79	82		
index of special faction (materials for use in production and packaging,	cent.	01	15	10	02		
Purchases	and fuel	£,000	3,979	4,729	9,838	14,617		
	goods for merchanting and canteen purchases	"	837	887	3, 268	3,606		
	for work done on materials given out	n	114	196	388	701		
Payments to other	for transport by road	"	h .	00	1	200		
organisations	by rail and other means excluding postal		48	33	217	206		
Stocks and work in progre	services	"		17		144		
	change during year	"	- 22	+ 78	+ 125	+ 10		
Goods on hand for sale	at end of year	"	1,024	1,550	5, 279	6,294		
	change during year	п	+ 88	+ 100	- 26	+ 620		
Work in progress	at end of year	"	977	1, 287	2,718	5, 114		
Motorial a stance	change during year	п	+ 54	- 6	- 247	+ 62		
Materials, stores and fuel	at end of year	п	1, 294	1, 396	2,613	3,852		
	total, including working			1, 500	2,010	5,052		
Number employed on	proprietors	No.	3,979	5, 101	18,055	18,932		
average during the year	operatives other employees (h)	"	2,705	3, 321	13,733	14, 295		
	of operatives	My 2 3 2 3 5	1, 268	1,766	4, 279	4,605		
Wages and salaries	of other employees (h)	£'000	1,955	3, 290	8,037	11,785		
man and the state of the state	operatives	19. (6.17)	1,152	2,032	3,744	5,073		
Wages and salaries per head	other employees (h)	£	723	991	585	824		
Capital expenditure (i)	(contract campion ees (ii)		, 909	1, 150	875	1, 102		
New building work		£'000	153	113	372	425		
Land and existing	∫ acquisitions	п		17	28	104		
buildings	disposals	п	6	114	52	21		
Plant and machinery	∫ acquisitions	п	393	531	1, 453	1,865		
	disposals	"	21	23	77	125		
Vehicles	acquisitions	"	72	89	178			
venicies	disposals	п	29	48	86	315 158		
					00	100		

Total Park		Sub-							
日本 日	other t	ming tools han hard tools	Tool an hold	lers	other sm	gauges and all tools	То	Total	
·	1963	1968	1963	1968	1963 1968		1963	1968	
の	115	145	119	134	48	60	363	404	
	124	171	130	147	53	70	434	516	
	12,739	28,579	17, 223	25, 348	12, 100	19,523	89,520	138,773	
	9,882	21,763	12,753	18,521	7,960	11,940	59,172	92, 468	
	1, 264	1,856	1, 260	1,712	1,381	1,735	1, 294	1,730	
	12, 308	27,875	16,869	24, 455	10,928	16,888	82,590	128,666	
	265	309	407	772	890	2, 357	6,370	8,505	
	7,644	21,559	12,003	18,092	9, 101	14,593	(f)	(f)	
	62	77	71	74	83	86	88	90	
	2, 102	5, 307	3, 181	5, 383	3,342	5, 354	22, 441	35, 389	
	252	290	384	551	723	1,926	5, 465	7,260	
	499	1, 183	743	751	196	336	1,940	3, 167	
1	ſ	94		56		63		452	
}	36 {	25	58 {	25	63	13	422 {	224	
	+ 19	+ 34	+ 10	+ 46	+ 88	1			
	⁺ 18 45	+ 34 215	1,010	+ 46 1,308	923	+ 58 1,427	+ 218 8,282	+ 227	
	+ 148	+ 360	- 63	+ 74	+ 195			10,793	
	1,066	2,843	1,450	1,956	1, 215	+ 221 1,800	+ 342 7,426	+ 1,375 13,000	
	+ 32	+ 83	- 104	- 60	+ 182	+ 110	- 82		
	594	1,178	1,114	1,328	947	1, 38 2	6,563	+ 188 9,136	
		18 11 310	f in a		2014	70.00	0,000	0,100	
	7,819	11,727	10,120	10,821	5,763	6,880	45,736	53, 461	
	6, 296	9,239	7,757	8,261	4, 318	5, 163	34,809	40, 279	
	1,431	2, 355	2, 261	2,448	1,413	1,677	10,652	12,851	
	5, 368 1, 547	11,007	6,301	8,941	3,007	4,954	24,668	39,978	
	853	3,390	2, 160	3, 132	1,479	2,041	10,082	15,668	
	1,081	1, 191 1, 439	812	1,082	696	960	709	993	
	-, 551	1,400	956	1,279	1,046	1, 217	946	1, 219	
	106	341	287	233	171	123	1,089	1, 236	
Total Control	139	106	33	58	14	122	214	406	
	10	23	5	43	34	29	108	229	
	714	2, 301	839	1,312	442	896	3,841	6,906	
	47	110	48	42	39	42	232	342	
	98	217	126	208	66	110	540	939	
1	37	75	48	92	26	40	226	411	

For notes to this table - see page 87/5.

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TABLE 5 Sales of principal products of the industry by larger establishments, including sales by establishments classified to other industries, 1963 and 1968

Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

Industry sub-		19	63		190	68	
division (a)		Quantity	Value	Quantity	Value	Enter- prises	Entries
	Engineers' cutting and forming small tools, and tool and work holders and parts thereof	Thousands	£'000	Thousands	£,000	Number	Number
01	Hard metal tipped tools, tips and dies						
Trace or to a second	Hard metal tipped tools	2,432	2,439 3,811	8,939	6,932 2,414	65	78
100	Hard metal tips and inserts, sold separately	6,757	2,268 450	}	3,423	28	35
14 67 16	Hard metal dies and die pellets, sold separately	2010.000	849 {	74.5	444 732	20	22
	Detachable tools (drilling bits etc used in rock drilling machinery)	2,268	2,057 1,966	1,481	2,529 400	} 19	19
	Total hard metal tipped tools, tips and dies		13,840		16,874		
02	Metal cutting tools other than hard metal tipped	use (er		Text		8	0.880
	Drills, cylindrical, helically grooved (commonly known as twist drills), and bit stock drills (but excluding auger bits and wood boring	56,945	5,506	58,187	7,770) 00	90
	machine bits) (b)		826		1,633	} 29	32
Latina Villa	Bandsaws for metal]	1,052		1,307	15	15
	Circular saws for metal			3	253	9	9
	Circular saw blades fitted with toothed segments of metal and toothed segments therefor (for metal or wood)	<i>9</i> 00	1,185		983	7	7
	Slitting saws	473	445	} 714	731	9	9
		599	229	5 114	731	9	9
	Hacksaw blades (including power driven hacksaw blades) (c)	812.1	2,985	038.7	4,240	13	14
	Milling cutters	528	1,839 717	950	3,369 594	42	47
	Reamers, end mills and similar shank tools	3,172	2,489 911	3,460	3,079 498	} 49	54
	Lathe and planer tools	3,678	1,445 292	3,498	1,303 149	} 19	20
ary vis la	Broaches	200 3	1,331 {	41.9	1,267 1,527	} 20	21
	Cut and ground thread screwing tackle	970 pt	6,516		7,402	26	31
	Other cutting tools (excluding saws and saw blades)	30.1	2,637	0	5,912	79	85
	Total metal cutting tools other than hard metal tipped	1 1/2	30,405	1.6	42,017	••	
04	Metal forming tools other than hard metal tools	NE.	**************************************	1 2 3			
	Press tools	Sak	16,768	48.8	18,598	265	284
Valida.	Moulds and dies (including moulds and dies for plastics) (d)		4,654	a::	14,160	196	207
economicano. Por arrigo	Total metal forming tools other than hard metal tools		21,422	SOUTH AND SHOOL STA	32,758		

TABLE 5 (continued)

ndustry		196	1963		1968			
sub- ivision (a)		Quantity	Value	Quantity	Value	Enter- prises	Entries	
(4)	Engineers' cutting and forming small tools and tool and work holders and parts thereof (continued)	7107	£,000		£,000	Number	Number	
03	Tool and work holders							
	Lathe chucks	April 1	2,366		3,030	15	16	
	Drill chucks		731		1,508	6	6	
	Jigs and fixtures		14,884		17,160	320	349	
	Other tool and work holders		4,287		6,407	131	140	
	Total tool and work holders		22,268		28,106		Taring	
	Total State of the	Thousands		Thousands		To be special		
05	Diamond tipped tools and diamond dies {	100	790 1,070	141	1,196 4,072	} 14	14	
05	Unspecified tools		Ma agia	elect and	in the second	Had late		
	Engineers' small tools not elsewhere specified	1	8,139		5,614	93	95	
	Unclassified engineers' small tools				786	13	13	
05	Engineers' gauges (excluding optical and pressure and vacuum measuring instruments)		torial de la composición dela composición de la composición de la composición dela composición dela composición dela composición de la composición dela	ary vite a to result			COCKER COCKER MODON	
	Dial gauges and other dial indicators {	198	557 963	84.6	896 843	} 15	16	
	Other	1,411	2,199 2,978	756	1,891 4,004	} 105	110	
	Total engineers' gauges		6,697		7,633		•	
	Other products	001	301		414	25	27	
	Waste products	e E	1202	Th. tons	0.45	1	Annual .	
	Scrap iron and steel	2	225	13.5	645 274	3 143	166	
	Other waste products		33		115	51	55	
	Work done	4-1-8				igano ime		
	Repair work		1,218 (e)	as bearines	1,714	72	79	
	Other work done		1,588		3,215	94	109	
	Total		107,996	SECTION A	145,433	, a ; i ; a		
	Sales in other industries (see Table 6)	382,51	35,136	din gjari	29,537	les less		
	Principal products of this industry sold by establishments in the industry	of avectad	72,859		115,896	404	468(f	

⁽a) The number given is that of the sub-division of which the item is a characteristic product. The sales shown are total sales by larger establishments, not merely sales by establishments classified to the sub-division.

⁽b) For 1963 'woodboring machine bits' were specifically included.

⁽c) For 1963 'power driven hacksaw blades' were not specifically included.

⁽d) For 1963 'moulds and dies for plastics' were not specifically included.

⁽e) Included jobbing work in 1963.

⁽f) This figure represents the total number of returns made for larger establishments in this industry which is less than the total number of establishments shown in Table 4 on account of combined returns covering more than one establishment.

TABLE 6 Sales of principal products of the industry by larger establishments classified to other industries, 1963 and 1968

Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

	1963		1968	
	Value	Value	Entries	Principal industries in which produced (a)
Engineers' cutting and forming small tools and tool and work holders and parts thereof	£,000	£,000	Number	a sounce actings
Hard metal tipped tools, tips and dies				
Hard metal tipped tools	1,968	1,229	13	51,63,89,97
Hard metal tips and inserts, sold separately	1	89	5	51,55,97
Hard metal dies and die pellets, sold separately	947 {	456	10	47,48,89,95
Detachable tools (drilling bits etc) used in rock drilling machinery	593	1,512	8	52,55,63,88
Total hard metal tipped tools, tips and dies	3,507	3,286	0 Å 1 1/0 2 1 7 10	o seedaraas
Metal cutting tools other than hard metal tipped		Gioge Thom	Taxon us pas	lullers ton.
Drills, cylindrical, helically grooved (commonly known as twist drills) and bit stock drills (but excluding auger bits and woodboring machine bits) and other cutting tools (except saws and saw blades)	1 200	0.040	partie Laire;	ANT PROPERTY OF
Bandsaws and circular saws for metal	1,377	2,249	36	45,51,63,66
Hacksaw blades (including power driven hacksaw blades)	145	205	9	44,51,63,88
Cut and ground thread screwing tackle	1,509	1,632	10	51,65,89,147
Milling cutters	100			
Reamers, end mills and similar shank tools	190 385	207		
Lathe and planer tools	142	265	6	63,66,82,88
Total metal cutting tools other than hard metal tipped	3,749	4,352	-	
Metal forming tools other than hard metal tools			4	
Press tools	11,139	8,299	97	51,63,82,97
Moulds and dies (including moulds and dies for plastics)	1,817	2,115	60	47,51,63,65
Total metal forming tools other than hard metal tools	12,956	10,414	1000 1000 E	10 C 10 R 1
Tool and work holders			Maybole 8	ogline) v
Lathe chucks] [753	6	44,51
Drill chucks	671 {			
Jigs and fixtures	5,200	3,427	119	51,63,66,82
Other tool and work holders	1,951	2,270	44	51,53,64,82
Total tool and work holders	7,822	6,450	u wasanan a	
Other and unclassified engineers' small tools (including circular saw blades fitted with toothed segments of metal) and toothed segments thereof (for metal or wood)	F 400	9.414	Sel ne	row galdari ka marrigar gangi U mali mari
	5,480	3,414	47	44,63,68,74

TABLE 6 (continued)

because of regressions and territor	1963	the summer	1968	and a same
	Value	Value	Entries	Principal industries in which produced (a)
Engineers' gauges (excluding optical, and pressure and vacuum gauges)	£,000	£'000	Number	
Dial gauges and other dial indicators	394	754	6	64,70
Other and unclassified	1,228	867	26	51,66,88,111
Total engineers' gauges	1,622	1,622		
Total	35,136	29,537		

⁽a) The references given are to the list of industries at the front of this report.

TABLE 7 Sales of other than principal products by larger establishments in the industry, 1963 and 1968

Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

	1963	1968
	Value	Value
	£,000	£,000
Permanent magnets and other metal manufactures	584	47
Metal working machine tools		
New		
Complete	3,075	2,834
Parts	176	76
Other (non-electric) machinery, complete and parts	1,353	1,021
Mechanical engineering products	499	691
Scientific, surgical and photographic instruments, etc	226	662
Electrical machinery, complete and parts	372	636
Tools and implements, other than engineers' small tools and gauges	1,196	2,394
Cutlery	181	318
Miscellaneous metal goods	547	365
Parts and accessories of motor vehicles and aircraft	172	837
Other products	1,036	1,926
Services rendered to other organisations (a)	315	964
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)	6,104	8,180
Canteen takings	266	325
Total	16,101	21,276

⁽a) Amounts charged for hiring out plant, machinery or other goods, for providing transport, or for technical or other services rendered to other organisations.

TABLE 8 Production of certain principal products of the industry by larger establishments, 1963 and 1968

This table is not applicable to this industry.

TABLE 9 Purchases by larger establishments of selected principal products of the industry, 1968

This table is not applicable to this industry.

TABLE 10 Purchases by larger establishments in the industry, 1963 and 1968

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

	190	63	1968	
	Quantity	Cost	Quantity	Cost
laterials for use in production	Th. tons	£,000	Th. tons	£,000
Iron castings	5.2	537 81	7.6	816 187
Steel			8 10 f 10 10	
Ingots, blooms, billets, slabs, and sheet and tinplate bars	2.1	233 238	5.1	1,451 330
Bars and rods (including wire rods), angles, shapes and sections, girders, beams, joists and pillars rolled (not fabricated), including tube rounds and squares	18.7	3,455 1,906	28.5	7,422 933
Plates, 3mm. thick and over	4.0	270 58	7.2	852 171
Sheets under 3mm. thick (including electrical sheets)	2.5	660 153	}	1,082
Hoop and strip (including tape of all thicknesses)	1.4	143 613	} 2.3	452
Forgings (except drop forgings)	1.1	263 37	} 1.8	454
Castings	0.7	136 35	1.2	278 49
Drop forgings	3.2	675 {	1.0	212 71
Iron and steel not elsewhere specified except finished parts, wire and scrap	1.1	207 162	4.3	801 135
Steel wire and wire manufactures, including wire cables and ropes, but excluding insulated wires and cables (a)		82	e inconso	260
Light metals and non-ferrous metals in all forms except finished parts, wire and scrap		63.74003800 530.500743	nh ,esoiren ono la caba	
Aluminium and aluminium alloys	0.3	129 43	0.6	295 83
Brass and other copper alloys (including nickel silver and cupro-nickel, but excluding all other nickel alloys and cadmium copper) (b)	0.3	128 48	0.2	106 103
Copper (including cadmium copper) (c)		11	a ten espis	63
Non-ferrous metal wire (single wire, not insulated)	h	10		7
Insulated wires, cables, strips and strands]	18 {		36
Bolts, rivets, nuts and washers, screws, nails, tacks, etc		175	221 38366	340
the business was a first to be			Th.gal.	in the second
Paint and varnish (including lacquers and stains)		41 {	33.7	48 13
Manufactures wholly or mainly of rubber (including synthetic rubber), balata and gutta-percha, including sheeting and finished components but excluding replace-	A PERSONAL PROPERTY.	as (Finis	rine gailer	
ment parts for firms' own machinery, plant, vehicles, etc (d)		7	10100.00	25
	Th.cu.ft.		Th.cu.ft.	10
Hardwood, sawn or planed, but not further prepared or manufactured	11.9	7 8	11.1	19

Continued on next page.

TABLE 10 (continued)

	19	63	19	68
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)		£'000		£'000
Purchased components for incorporation in firms' own products				
Ball and roller bearings and parts thereof		94		82
Electric motors				
Of less than 1 h.p.		41		38
Of 1 h.p. and over		59		37
Other electrical components and parts thereof	1,20 , 1.500	(e)	000 01.03 O	116
Measuring instruments and gauges and parts		298		359
Wooden handles for tools and implements		(e)	,	3
Other components, not elsewhere specified, except those of rubber		1,665	Eddy (Bar)	1,572
	Th.gal.	ſ	Th.gal.	
	000	00]	379	145
Lubricating oils and greases (including cutting oils and emulsions)	286	89 } }	Th.cwt.	7
			. 11/10**	35
Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement				
Tyres and other spare parts for firms' own road goods vehicles	1	1,345	Karah :	46
Other				1,728
All other materials for use in production		5,580		10,366
Packaging materials				
Paper and board				
Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard	1	349		455
Fibreboard packing cases			ar he had	36
Plastic moulded and fabricated containers (including closures and inserts) other than reusable crates, large containers (exceeding 1 gallon capacity) and bottles and bottle caps	Jordan Lycu 1610 7 He ye	oco () E i regra Esset posti i rodi	00 7935 0 00 1 0535 0 00 0 0550 0 00	
Tubes (rigid and collapsible)		ſ		28
Other	}	(e) {		37
Containers wholly or mainly of wood (including plywood boxes and drums), baskets and wickerwork crates	e king (g. pag	149	10 min / 10	136
All other packaging materials		122		157
Fuel and electricity (f)	Th. tons		Th. tons	
		-10 f	5.3	34
Coal	7.0	43 {		4
Coke (including screenings) and manufactured fuel	4.3	38 9	2.2	27 5
	Th.gal.		Th.gal.	
Derv fuel and motor spirit for use in road vehicles	601	137 32	726	210 67
Other liquid fuels (including creosote/pitch mixtures, etc, and liquefied petroleum gases)	4,354	320 {	4,022	203

TABLE 10 (continued)

		196	33	196	38
		Quantity	Cost	Quantity	Cost
Fuel and electricity (continued)		Th.therms	£,000	Th. therms	£'000
Gas	{	6,048 Th.kWh	391 84	1,848 	165 348
Electricity	{	118,055	748 263	93,327	838 850
All other fuels			(e)		118
Total cost of materials and fuel			22,441		35, 389
Goods purchased for merchanting			5, 131		6,858
Canteen purchases			334	Junger Brazz	401
Total cost of purchases		1 1/2 1/1	27,905		42,649

- (a) For 1963 described as 'Single steel wire (excluding insulated wires and cables)'.
- (b) Cadmium copper was not specifically excluded for 1963.
- (c) For 1963 cadmium copper was not specifically included but blister was excluded.
- (d) For 1963 described as 'Rubber, including hard rubber, balata, gutta-percha and synthetic rubber in all forms, including finished parts'.
- (e) Not recorded separately for 1963.
- (f) The total quantity of electricity generated in establishments employing 25 or more persons in this industry in 1963 was 2,083 Th.kWh. None was recorded for 1968.

TABLE 11 Transport costs and employment of larger establishments, 1963 and 1968

Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

	Unit	1963	1968
Average number mainly employed on transport	No.	309	378
Transport costs	1.82		
Wages and salaries	£,000	228	400
Derv fuel and motor spirit	н	168	276
Tyres and other spare parts for road goods vehicles	11		46
by road	"	In 1	452
Payments to other organisations for transport by rail and other means excluding postal services	11	$\left \begin{array}{cccccccccccccccccccccccccccccccccccc$	224
Costs of operating road goods vehicles			
Insurance	п	20	34
Vehicle licences	п	13	31
Depreciation	п	98	149
Payments to other organisations for repairs and maintenance	n n	61	91
Total	н	1,010(a)	1,703

⁽a) Excluding tyres and other spare parts for road goods vehicles, not collected separately for 1963.

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Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

	Amounts payabl	
The second statement of the second statement of the second	1963	1968
Repairs and maintenance to	£,000	£,000
Buildings	214	328
Road goods vehicles	61	91
Plant, machinery and other capital equipment	497	905
Insurance, licensing and depreciation of road goods vehicles (b)	131	214
Rates, excluding water rates	625	1,083
Hire of plant and machinery	119	226
Postage, telephone, telegrams, cables and telex (c)	523	824
Total	2,170	3,671

⁽a) No deduction is made for these payments to arrive at the figures of net output given in this report.

TABLE 13 Percentage analysis of twelve-month periods covered by returns from larger establishments, 1968

Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

Year ended	Percentage of total returns received	
1968	Per cent.	Per cent.
April (a)	2.6	1.6
May	2.6	3.9
June	5.6	5.2
July	3.0	3.6
August	4.5	3.7
September	8.8	9.7
October	4.5	5.3
November	3.8	4.1
December	34.3	31.8
1969		
January	2.4	1.7
February	2.4	0.9
March	22.5	26.1
April (b)	3.0	2.4
	100	100

⁽a) From 6 April.

⁽b) For details see Table 11.

⁽c) Excluding Telex for 1963.

⁽b) To 5 April.