

62 Food and drink processing machinery

This Report on the Food and Drink Processing Machinery Industry relates to establishments engaged wholly or mainly in manufacturing machinery for food and drink preparation, processing and sterilising, including dairy machinery. Grain milling plant, milking machines, and portable domestic electrical appliances are excluded.

This industry corresponds to minimum list heading 339(7) 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 formed part of the Miscellaneous (Non-electrical) Machinery Industry (Part 49) in the Reports on the last detailed Census of Production for 1963, but the treatment of parts has been altered considerably for 1968 for this and other mechanical engineering industries. The distinction made in the 1963 reports between parts sold in association with the sale of complete machines, and other parts sold, has been discontinued for 1968 and all parts are now treated in the same way as the complete machines for classification, ie as principal products of their respective mechanical engineering industries and shown in Table 5.

Throughout this Report, the figures given for 1963 have been reclassified, as far as possible, according to the Standard Industrial Classification (Revised 1968) and to take account of the different treatment of parts adopted for 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.

METHOD OF CLASSIFICATION

In classifying returns to this industry the value of unspecified work done (other than structural and installation work), including repair work, was not taken into account unless it amounted to 80 per cent. or more of the total output of the return in which case the return was classified to General Mechanical Engineering (Part 66). The amount charged for erecting and installing machinery and plant (other than air conditioning, heating and ventilating plant) was treated as part of the selling value of these items in determining the industrial classification of returns. The standard classification procedure as outlined in the notes on page (i) was further modified where a return would have been classified to one of the mechanical engineering industries relating to a specific class of machinery (viz, Parts 50 to 66) but where the sales of the principal products of the industry concerned (including parts) accounted for less than 20 per cent. of the total output: in such cases the return was classified to the residual sub-division of the General Mechanical Engineering Industry (Part 66).

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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(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 rendered).

(d) Administrative, technical and clerical employees.

(e) Excluding expenditure for establishments not yet in production.

(f) Acquisitions less disposals.

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

	Unit	All establishments		
		1963	1968	
Number of enterprises	No.	165	180	
Number of establishments	"	188	206	
Gross output	£'000	49,356	75,127	
Net output	"	25,802	38,512	
Net output per head	£	1,296	1,862	
Sales and work done	{ goods produced and work done (c)	£'000	43,116	63,569
	{ merchanted goods and canteen takings	"	5,920	9,360
Purchases	{ materials for use in production and packaging and fuel	"	16,447	25,334
	{ goods for merchenting and canteen purchases	"	5,172	8,797
Payments to other organisations	{ for work done on materials given out	"	1,193	2,050
	{ for transport	"	463	462
	{ by road	"		
	{ by rail and other means excluding postal services	"		141
Stocks and work in progress				
Total stocks and work in progress	{ change during year	"	+ 41	+ 2,367
	{ at end of year	"	17,098	29,461
Goods on hand for sale	{ change during year	"	+ 86	+ 930
	{ at end of year	"	2,663	4,877
Work in progress	{ change during year	"	+ 233	+ 1,267
	{ at end of year	"	9,038	13,025
Materials, stores and fuel	{ change during year	"	- 279	+ 169
	{ at end of year	"	5,397	11,559
Number employed on average during the year	{ total, including working proprietors	Th.	19.9	20.7
	{ operatives	"	12.0	12.5
	{ other employees (d)	"	7.8	8.1
Wages and salaries	{ of operatives	£'000	9,268	12,267
	{ of other employees (d)	"	6,996	9,934
Capital expenditure (e)				
Total	"	929	1,768	
New building work	"	164	417	
Land and existing buildings (f)	"	32	43	
Plant and machinery (f)	"	500	1,048	
Vehicles (f)	"	233	260	

(a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for 6 per cent. of the total figures in which they were incorporated: of this, unsatisfactory returns were negligible. For 1963 the comparable figures were 5 per cent. and 1 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.

	1963	1968
Number of establishments	87	113
Average number employed		
Working proprietors	101	123
Other persons employed	756	1,112

Footnotes continued on page 62/2.

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
	Number	Number	Number	£'000	£'000	£
1-5	28	26	100	..	..	..
6-10	28	28	232	..	..	..
11-24	52	51	872	..	..	..
25-49	27	27	989	3,431	1,874	1,894
50-99	16	16	1,094	4,272	2,169	1,983
100-199	22	22	3,073	9,062	4,637	1,509
200-299	9	8	2,219	9,940	4,441	2,002
300-399	9	8	3,292	13,985	6,790	2,062
400-749	4	4	2,153	7,660	3,844	1,786
750 and over	5	4	6,587	22,151	12,386	1,880
Unsatisfactory returns	6	6	69	..	..	..
Total	206	180	20,680	75,127(c)	38,512(c)	1,862(c)

(ii) Employees, wages and salaries

All establishments: United Kingdom

Number employed on average during the year by the establishment (a)	Employees		Wages and salaries		Wages and salaries per head	
	Oper-atives	Others (d)	Oper-atives	Others (d)	Oper-atives	Others (d)
	Number	Number	£'000	£'000	£	£
1-5	..	..	..	..	..	..
6-10	..	..	..	..	..	..
11-24	..	..	..	..	..	..
25-49	733	238	677	317	923	1,334
50-99	805	276	790	323	982	1,170
100-199	2,208	860	2,041	1,115	924	1,297
200-299	1,296	922	1,350	1,113	1,042	1,208
300-399	1,916	1,373	2,081	1,601	1,086	1,166
400-749	1,255	897	1,265	1,214	1,008	1,353
750 and over	3,545	3,042	3,374	3,693	952	1,214
Unsatisfactory returns	..	..	..	..	..	..
Total	12,458(c)	8,060(c)	12,267(c)	9,934(c)	985(c)	1,233(c)

(a) Including working proprietors.

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

All establishments: United Kingdom

Ages	Males	Females	All employees
	Per cent.	Per cent.	Per cent.
Under 18	3	1	4
18 and over	80	16	96
All ages	83	17	100

Source: Department of Employment

(a) The percentages relate to the numbers employed (excluding working proprietors) in the 'other machinery' industries - minimum list heading 339 - 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 1 establishment in 1968 and 11 in 1963.
- (b) 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).
- (c) Direct sales of goods (excluding canteen takings) made to, and work done for, the general public by larger establishments are included. These amounted to £8,000 in 1968. Similar information is not available for 1963.
- (d) This is the ratio of total sales of principal products by the industry to total sales of goods produced and work done.
- (e) Progress payments received for work in progress in 1968 from United Kingdom customers were recorded as £3,645,000 at beginning of year and £5,005,000 at end of year; and from overseas customers £778,000 at beginning of year and £760,000 at end of year. Similar information is not available for 1963.
- (f) Administrative, technical and clerical employees.
- (g) Excluding expenditure for establishments not yet in production.

TABLE 4 Analysis of larger establishments, 1963 and 1968

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

	Unit	1963	1968
Number of enterprises	No.	85	74
Number of establishments	"	108	93
Gross output	£'000	46,899	70,524
Net output	"	24,518	36,153
Net output per head	£	1,296	1,862
Sales and work done	{ goods produced and work done (b) (c) merchanted goods and canteen takings	£'000	
		40,970	59,675
Index of specialisation (d)	Per cent.	72	72
Purchases	{ materials for processing and packaging, and fuel goods for merchandising and canteen purchases	£'000	
		15,629	23,782
	{ for work done on materials given out for transport	"	
		1,134	1,924
Payments to other organisations	{ by road by rail and other means excluding postal services	"	
		440	433
Stocks and work in progress			132
Goods on hand for sale	{ change during year at end of year	"	
		+ 82	+ 873
		2,531	4,578
Work in progress (e)	{ change during year at end of year	"	
		+ 221	+ 1,190
		8,588	12,227
Materials, stores and fuel	{ change during year at end of year	"	
		- 265	+ 159
		5,128	10,851
Number employed on average during the year	{ total, including working proprietors operatives other employees (f)	No.	
		18,922	19,413
		11,465	11,763
		7,423	7,611
Wages and salaries	{ of operatives of other employees (f)	£'000	
		8,847	11,583
		6,677	9,381
Wages and salaries per head	{ operatives other employees (f)	£	
		772	985
		900	1,233
Capital expenditure (g)			
New building work		£'000	
		155	392
Land and existing buildings	{ acquisitions disposals	"	
		37	110
		6	69
Plant and machinery	{ acquisitions disposals	"	
		551	1,033
		75	49
Vehicles	{ acquisitions disposals	"	
		332	350
		111	106

For notes to this table - see page 62/5.

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

	1963		1968		Enter-prises	Entries
	Quantity	Value	Quantity	Value		
Food and drink processing and sterilising machinery, (other than portable mechanical appliances, electrically operated)	Number	£'000	Number	£'000	Number	Number
Bakery and biscuit ovens, complete	384	1,023	284	841	12	12
	..	1,055	..	1,454		
Bakery, biscuit and flour confectionery machinery, complete	..	4,271	..	9,730	31	31
Cocoa preparation, chocolate and sugar confectionery making machinery, complete	..	1,266	..	957	12	12
Parts of bakery, biscuit, flour confectionery, cocoa preparation, etc machinery and ovens	..	1,193	..	2,535	62	64
Dairy machinery and plant (excluding milking machines)						
Complete machines	}	5,203	..	2,983	21	22
Parts			..	2,684	27	29
Sugar making and refining machinery (excluding centrifuges) complete and parts	..	3,185	..	2,942	21	21
Mineral water machinery and plant, complete and parts	..	824	..	1,122	9	10
Brewing and distilling machinery and plant, complete and parts	..	4,760	..	5,411	47	47
Other machinery (excluding tea factory machinery) for the preparation, processing and sterilising of (a)						
Food, complete machines and parts	..	7,592	..	16,259	101	107
Drink, complete machines and parts	..	2,172	..	2,927	27	27
Other products	..	113	..	20	*	*
Waste products						
Scrap metals	Th. tons		Th. tons			
Iron and steel	}	56	3.5	48	26	28
Brass	..	18	..	20	19	19
Copper	..	13	..	11	12	12
Other scrap metals	..	17	}	42	20	20
Other waste products	..	3				
Work done: food and drink processing machinery erected and installed	..	1,282	..	4,259	16	16
Total		34,051		54,244	..	..
Sales in other industries (see Table 6)		4,383		11,092	..	..
Principal products of this industry sold by establishments in the industry		29,668		43,152	74	84(b)

For notes to this table - see page 62/8.

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)
	£'000	£'000	Number	
Food and drink processing and sterilising machinery, (other than portable mechanical appliances, electrically operated)				
Bakery and biscuit ovens and bakery, biscuit and flour confectionery machinery, complete	144	866	15	54,63,64,97
Cocoa preparation, chocolate and sugar confectionery making machinery, complete	205	230	6	63,64,66
Parts of bakery, biscuit, flour confectionery, cocoa preparation, etc machinery and ovens	178	784	41	54,56,61,64
Dairy machinery and plant (excluding milking machines)				
Complete machines	1,152	416	12	53,63,64,87
Parts		158	22	52,57,63,64
Sugar making and refining machinery (excluding centrifuges) complete and parts	414	996	*	58,63,64,66
Mineral water, brewing and distilling machinery and plant, complete and parts	555	1,522	38	56,63,64,80
Other food and drink machinery (excluding tea factory machinery), complete and parts, for preparation, processing and sterilising, and food and drink machinery erected and installed	1,736	6,119	74	56,59,63,64
Total	4,383	11,092	..	

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

Footnotes to Table 5.

(a) Tea factory machinery was not specifically excluded for 1963. For 1968 tea factory machinery is included in the report on the Miscellaneous (Non-electrical) Machinery Industry (Part 63).

(b) 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.

Footnotes to Table 7.

(a) The data shown for 1963 is not comparable with that for 1968. Because of a change in the method of collection, the data for 1968 includes goods made by firms and incorporated in their building and civil engineering work whereas the data for 1963 excludes such goods. For 1963 the value of goods made and used in building and civil engineering work amounting to £118,000 has been deducted from the gross figure for building and civil engineering (£167,000) in order to avoid duplication which arises because they have been included against the appropriate sales headings elsewhere in the Report. For 1968 duplication does not arise since goods made and used in building and civil engineering work were not shown additionally as sales elsewhere in the Report; owing to the risk of disclosure of information relating to individual firms, separate details cannot be given for 1968.

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

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
Iron castings in the rough including wood, metal and plastic patterns	41	142
Metal working machine tools, complete and parts	66	50
Pumps, valves and compressors		
Mechanically driven pumps, complete and parts	226	484
Other pumps, valves and compressors	171	186
Mechanical handling equipment	311	253
Space-heating, ventilating and air-conditioning equipment	134	185
Miscellaneous (non-electrical) machinery		
Bottling, packing and canning machinery, complete and parts	226	750
Industrial mixing equipment, other than for food and drink industries, complete and parts	195	391
Other miscellaneous (non-electrical) machinery, complete and parts	2,759	3,518
Industrial plant and steelwork complete and parts	2,575	3,710
Other and unclassified mechanical engineering products, complete and parts	1,585	2,178
Electrical machinery, complete and parts	45	224
Motor vehicle manufacture, parts and components	52	116
Miscellaneous metal manufactures	127	134
Other products	539	748
Work done		
Building and civil engineering work carried out in Great Britain including the erection of constructional steelwork and the erection and installation of air-conditioning, heating and ventilating plant, but not of complete process plant	49(a)	386
Other work done		
Machinery and plant erected and installed (other than food and drink processing machinery)	16	101
Repair and jobbing work	1,283	2,319
Other work done on commission	573	364
Research and development work done for customers, including Government Departments, for which payment is receivable	104	153
Services rendered to other organisations (b)	223	130
Total value of goods sold without having been subjected to any manufacturing process (merchant or factored)	5,512	8,648
Canteen takings	114	139
Total	16,928	25,310

For notes to this table - see page 62/8.

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

	1963		1968	
	Quantity	Cost	Quantity	Cost
	Th.tons	£'000	Th.tons	£'000
Materials for use in production				
Iron				
Pig iron, including refined pig iron and other irons for re-melting	3.6	77	1.4	34
Castings	6.4	766	7.7	1,281
	..	98		
Steel				
Ingots, blooms, billets, slabs (including sheet/plate mill slabs and sheet bars)	0.5	26	1.9	143
	..	8		
Bars and rods (including wire rods), angles, shapes and sections, girders, beams, joists and pillars rolled (not fabricated), including tube rounds and squares	10.0	698	10.5	857
Plates, 3 mm thick and over	8.4	604	11.5	754
	..	50	..	95
Sheets under 3 mm thick (including electrical sheets)	5.6	661	7.2	1,343
Hoop and strip (including tape of all thicknesses)	0.1	36	0.6	357
Tinplate and blackplate (a)	..	5	..	4
Forgings (except drop forgings)	1.6	241	0.8	109
	..	..	..	11
Castings	2.2	625	..	964
	..	122	0.1	20
Drop forgings	..	56	..	..
Iron and steel not elsewhere specified except finished parts, wire and scrap				
Wrought tubes and fittings for wrought tubes (including welded, seamless, conduits, etc)	1.2	283	5.9	688
	..	66		
Other	0.6	203	..	173
	..	105	..	263
Precision chain (eg transmission and timing)	..	144	..	51
Springs, laminated and other types	..	25	..	..
Steel wire and wire manufactures (excluding insulated wires and cables)				
Wire (single wire)	..	19	..	61
Wire manufactures (including wire cables and ropes and stranded wire of two or more ply)	..	17	..	4
	..	236	..	189
Ferro-alloys				
Light metals and non-ferrous metals in all forms except finished parts, wire and scrap				
Aluminium and aluminium alloys	0.7	270	0.9	417
	..	41	..	49
Brass and other copper alloys (including nickel silver and cupro nickel, but excluding all other nickel alloys and cadmium copper) (b)	0.9	280	..	451
	..	82	0.3	237
Copper (including cadmium copper) (c)	0.7	260	..	..
Lead and alloys of lead (excluding solder)	..	2	..	9
Zinc and alloys of zinc	..	7	..	..
	Th.cwt.	..	Th.cwt.	..
Tin	0.2	12	0.2	13

Continued on next page

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)		£'000		£'000
Solder, soft	..	10	..	19
Non-ferrous metal wire (single wire, not insulated)	..	3	..	6
Non-ferrous metal scrap	..	5	..	3
Glass in all forms (including finished parts)	..	91	..	84
General chemicals (d)				
Inorganic (including inorganic gases)	..	..	..	51
Organic (including organic gases)	..	89	..	6
Other (eg mixtures of inorganic and organic chemicals)	..	..	..	10
	Th.gal.		Th.gal.	
Paint and varnish (including lacquers and stains)	36.9	57	51.1	81
	..	19	..	14
Synthetic resins and plastics materials (excluding leathercloth and reinforced plastics)	..	18	..	17
Refractory materials	..	37	..	36
Manufactures wholly or mainly of rubber (including synthetic rubber), balata and gutta-percha, including sheeting, but excluding replacement parts for your own machinery, plant, vehicles, etc	..	402	..	251
Timber	Th.stds.			
Softwood, sawn or planed but not further prepared or manufactured	0.1	13	..	13
	..	23	..	..
	Th.cu.ft.		Th.cu.ft.	
Hardwood, sawn or planed, but not further prepared or manufactured	9.8	8	1.6	3
	Th.sq.ft.		Th.sq.ft.	
Plywood, including blockboard, laminboard and battenboard	97.7	6	45.9	4
	..	4	..	..
Woven piece goods (other than narrow fabrics)	..	(e)	..	74
Asbestos in all forms (including finished parts)	..	30	..	59
Other thermal insulating materials	..	59	..	100
Insulated wires, cables, strips and strands	..	38	..	82
Bolts, rivets, nuts and washers, screws, nails, tacks, etc	..	249	..	308
Machinery and plant bought for installation and erection	..	535	..	972
Purchased components for incorporation in firms' own products				
Ball and roller bearings and parts thereof	..	123	..	265
Electric motors				
Of less than 1 h.p.	..	230	..	597
Of 1 h.p. and over	..	589	..	962
Industrial valves	..	192	..	327
Gears and gear wheels of metal	..	442	..	389

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)		£'000		£'000
Purchased components for incorporation in firms' own products (continued)				
Pumps	..	138	..	367
Measuring instruments and gauges and parts				
Industrial process measuring and control instruments and equipment	..	245	..	765
Other	..	101	..	65
Plastic goods moulded and fabricated	..	28	..	82
Other components not elsewhere specified (excluding those of rubber and asbestos)	..	3,639	..	5,987
Purchased second-hand machinery for reconditioning	..	84	..	32
	Th.gal.		Th.gal.	
Lubricating oils and greases (including cutting oils and emulsions)	55.5	17	83.3	48
	..	18	Th.cwt.	4
			..	27
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	..	226	..	27
Other	..	..	..	333
All other materials for use in production	..	858	..	1,625
Packaging materials				
Paper and board				
Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard	..	59	..	40
Fibreboard packing cases				
Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal)	..	21	..	19
Other packaging materials of paper and paperboard (including moulded pulp units and labels, but excluding bags, multiwall paper sacks and paper and board for converting into packaging materials)	..	..	..	2
Timber				
Containers wholly or mainly of wood (including plywood boxes and drums), baskets and wickerwork crates	..	41	..	44
	Th.cu.ft.		Th.cu.ft.	
Timber (sawn or planed) for manufacture into packing cases, etc	56.4	34	101	78
	..	29	..	..
Other wood products for packaging (including wood wool, but excluding plywood for manufacture into packing cases)	..	14	..	11
All other packaging materials				
Fuel and electricity (f)	Th.tons		Th.tons	
Coal	16.6	96	7.7	51
Coke (including screenings) and manufactured fuel	4.1	43	0.7	9
	..	10	..	..

Continued on next page

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Fuel and electricity (f) (continued)	Th.gal.	£'000	Th.gal.	£'000
Derv fuel and motor spirit for use in road vehicles	466	98	490	138
	..	26	..	50
Other liquid fuels (including creosote/pitch mixtures, etc and liquefied petroleum gases)	933	46	944	57
	..	11	..	32
Gas	Th.therms		Th.therms	
	873	71	906	69
	..	15	..	38
Electricity	Th.kWh		Th.kWh	
	60,008	199	56,321	262
	..	63	..	87
All other fuels	..	(g)	..	62
Total cost of materials and fuel		15,629		23,782
Goods purchased for merchanting		4,705		8,105
Canteen purchases		210		154
Total cost of purchases		20,544		32,041

(a) Terneplate was specifically included for 1963.

(b) Cadmium copper was not specifically excluded for 1963.

(c) Blister was excluded for 1963.

(d) Described as 'Heavy Chemicals' for 1963.

(e) Included with 'All other materials purchased' for 1963.

(f) The total quantity of electricity generated in establishments employing 25 or more persons in this industry was 336 Th.kWh in 1963. Owing to the risk of disclosure of information relating to individual firms, separate figures for 1968 cannot be given.

(g) Not recorded separately for 1963.

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.	179	183
Transport costs			
Wages and salaries	£'000	142	188
Derv fuel and motor spirit	"	124	189
Tyres and other spare parts for road goods vehicles	"	..	27
Payments to other organisations for transport	"	440	433
			132
Costs of operating road goods vehicles			
Insurance	"	21	26
Vehicle licences	"	15	31
Depreciation	"	95	113
Payments to other organisations for repairs and maintenance	"	83	48
Total	"	919(a)	1,187

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

TABLE 12 Payments for certain services, etc by larger establishments, 1963 and 1968 (a)

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

	Amounts payable	
	1963	1968
Repairs and maintenance to	£'000	£'000
Buildings	76	96
Road goods vehicles	83	48
Plant, machinery and other capital equipment	69	135
Insurance, licensing and depreciation of road goods vehicles (b)	131	169
Rates, excluding water rates	304	419
Hire of plant and machinery	17	53
Postage, telephone, telegrams, cables and telex (c)	259	382
Total	937	1,302

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

(b) For details see Table 11.

(c) Excluding Telex for 1963.

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	Percentage of total number employed
1968	Per cent.	Per cent.
April (a)	2.4	0.3
May	0.0	0.0
June	4.8	1.7
July	0.0	0.0
August	2.4	1.3
September	14.3	9.1
October	0.0	0.0
November	1.2	0.1
December	38.0	57.8
1969		
January	1.2	2.0
February	2.4	2.0
March	29.7	24.7
April (b)	3.6	1.0
	100	100

(a) From 6 April

(b) To 5 April