

18 Starch and miscellaneous foods

This Report on the Starch and Miscellaneous Foods Industry relates to establishments engaged wholly or mainly in manufacturing starch, starch products, self-raising flour, ice and all foods such as cornflour, glucose, blancmange and custard powders, cake mixtures, macaroni, spaghetti, etc, yeast, coffee extracts and essences, vegetarian foods, and mustard. Blending flour, grinding pepper and spices, shelling and grinding nuts, tea blending, coffee roasting and blending, etc are included; the canning of rice puddings, etc is included but the canning of spaghetti, etc is excluded.

This industry corresponds to minimum list heading 229(2) 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 Starch and Miscellaneous Foods Industry (Part 17) in the Reports on the last detailed Census of Production for 1963 except that establishments engaged wholly or mainly in tea blending, coffee roasting and blending were not in scope of the census for 1963.

Throughout this Report, the figures given for 1963 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 it has not been possible to include in the 1963 data information relating to activities which were then out of scope of the Census. To this extent the figures for 1963 will not be comparable with those for 1968.

METHOD OF CLASSIFICATION

The standard classification procedure has been adapted to bring within scope of the Grain Milling Industry (Part 7) milling establishments with substantial sales of self-raising flour (made from flour of establishments' own milling) which would otherwise have been classified to this industry. For this purpose sales of self-raising flour (made from flour of establishments' own milling) were treated equally as principal products of both the Grain Milling Industry and the Starch and Miscellaneous Foods Industry, unless they amounted to 85 per cent. or more of the total output in which case the return was classified to this industry. The total sales of self-raising flour by all industries are shown in Table 5 of this report.

The classification of returns to sub-divisions of this industry followed the standard procedure.

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) 1963 data are not strictly comparable with that of 1968 because of changes in the Standard Industrial Classification. Details are given in the introduction to this Report.

(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) Administrative, technical and clerical employees.

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

(g) Acquisitions less disposals.

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

	Unit	All establishments	
		1963	1968
Number of enterprises	No.	223	249
Number of establishments	"	271	322
Gross output	£'000	126,938	325,052
Net output	"	44,347	84,746
Net output per head	£	2,062	3,053
Sales and work done	£'000	116,139	301,929
		9,366	21,387
		74,764	219,650
Purchases	"	7,634	18,185
	"	107	270
Payments to other organisations	"	2,882	5,370
	"		302
Stocks and work in progress	"	+ 4,228	+ 5,206
Total stocks and work in progress	"	22,838	68,688
Goods on hand for sale	"	+ 1,285	+ 1,629
	"	8,481	14,295
Work in progress	"	+ 147	+ 107
	"	767	2,032
Materials, stores and fuel	"	+ 2,796	+ 3,471
	"	13,590	52,361
Number employed on average during the year	Th.	21.5	27.8
	"	15.5	19.6
	"	5.8	8.0
Wages and salaries	£'000	9,140	16,302
	"	5,538	9,888
Capital expenditure (f)	"	5,569	10,100
Total	"	1,838	1,163
New building work	"	35	41
Land and existing buildings (g)	"	3,322	8,209
Plant and machinery (g)	"	374	768
Vehicles (g)	"		

(a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for 9 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 8 per cent. and 2 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	160	188
Average number employed:		
Working proprietors	166	153
Other persons employed	1,372	1,789

Footnotes continued on page 18/2.

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
1-5	42	41	138	..	..	..
6-10	40	40	302	..	..	..
11-24	70	65	1,254	..	..	..
25-49	34	30	1,307	13,151	2,676	2,048
50-99	38	31	2,664	26,399	6,494	2,438
100-199	19	16	2,762	40,209	7,384	2,674
200-399	21	18	5,917	70,975	16,491	2,787
400-499	3	3	1,284	15,785	2,943	2,292
500-999	8	8	5,355	65,528	18,581	3,470
1,000 and over	4	4	5,893	63,232	22,737	3,858
Unsatisfactory returns	43	40	883	..	..	..
Total	322	249	27,759	325,052(c)	84,746(c)	3,053(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	933	364	720	484	771	1,330
50-99	1,923	731	1,523	845	792	1,155
100-199	2,110	652	1,376	871	652	1,336
200-399	4,366	1,551	4,041	1,845	926	1,189
400-499	1,106	178	887	213	802	1,195
500-999	3,651	1,704	2,943	1,859	806	1,091
1,000 and over	3,815	2,078	3,390	2,900	889	1,395
Unsatisfactory returns	..	..	..	..	..	..
Total	19,626(c)	7,958(c)	16,302(c)	9,888(c)	831(c)	1,242(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	2	3	5
18 and over	55	40	95
All ages	57	43	100

Source: Department of Employment

(a) The percentages relate to the numbers employed (excluding working proprietors) in the food industries not elsewhere specified - minimum list heading 229 - 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 5 establishments in 1968 and 11 in 1963.
- (b) 1963 data are not strictly comparable with that for 1968 because of changes in the Standard Industrial Classification. Details are given in the introduction to this Report.
- (c) 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.
- (d) 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.
- (e) 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).
- (f) Direct sales of goods (excluding canteen takings) made to, and work done for, the general public by larger establishments are included. These amounted to £115,000 in 1968. Similar information is not available for 1963.
- (g) Characteristic products relate only to specific sub-divisions of the industry.
- (h) 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.
- (i) Administrative, technical and clerical employees.
- (j) Excluding expenditure for establishments not yet in production.
- (k) Acquisitions less disposals.

TABLE 4 Analysis of larger establishments, 1963 and 1968

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

	Unit	Sub-divisions of the industry (c)		Sub-divisions of the industry (c)					Total		
		Starch (including dextrine, maize oil and laundry blue) and glucose		Coffee and coffee and chicory roasted and ground and tea blended 22,24	Coffee and coffee and chicory extracts and essences		Other		1963	1968	
		21	1963		1968	23	25				
		1963	1968	1968	1963	1968	1963	1968	1963	1968	
Number of enterprises (d)	No.	6	6	24	9	4	63	52	75	84	
Number of establishments	"	12	11	38	13	8	92	75	117	132	
Gross output	£'000	27,073	42,646	131,750	29,370	49,223	59,789	71,937	116,232	295,555	
Net output	"	9,077	14,014	21,462	9,511	16,066	22,019	25,513	40,607	77,056	
Net output per head	£	2,666	3,658	3,272	2,975	4,655	1,682	2,238	2,062	3,053	
Sales and work done	goods produced and work done (e) (f)	£'000	24,025	37,053	125,577	29,211	48,539	53,108	63,361	106,343	274,530
	merchanted goods and canteen takings	"	2,878	5,225	5,540	254	714	5,444	7,967	8,576	19,446
Sales of characteristic products	"	19,958	33,899	117,340	24,412	39,986	(g)	(g)	(g)	(g)	
Index of specialisation (h)	Per cent.	83	92	93	84	82	..	..	88	94	
Purchases	materials for use in production and packaging, and fuel	£'000	14,656	23,257	106,015	21,041	32,239	32,760	38,206	68,458	199,718
	goods for merchandising and canteen purchases	"	2,697	4,681	4,663	206	681	4,087	6,510	6,990	16,535
Payments to other organisations	for work done on materials given out	"		9	60			92	177	98	246
	for transport	"									
	by road	"	569	1,052	1,758	510	546	1,566	1,527	2,639	4,882
	by rail and other means excluding postal services	"		28	53		20		174		275
Stocks and work in progress											
Goods on hand for sale	change during year	"	+ 168	+ 385	+ 595	- 145	- 80	+ 1,153	+ 581	+ 1,177	+ 1,481
	at end of year	"	1,192	2,186	4,959	2,288	1,910	4,287	3,943	7,766	12,998
Work in progress	change during year	"	+ 2	- 18	+ 38	+ 50	+ 49	+ 83	+ 28	+ 135	+ 97
	at end of year	"	114	158	1,017	161	395	428	278	703	1,848
Materials, stores and fuel	change during year	"	- 73	+ 395	+ 2,262	+ 1,898	+ 328	+ 735	+ 170	+ 2,560	+ 3,156
	at end of year	"	1,467	2,925	33,003	5,365	4,485	5,612	7,196	12,443	47,609
Number employed on average during the year	total, including working proprietors	No.	3,405	3,831	6,559	3,197	3,451	13,091	11,399	19,693	25,240
	operatives	"	2,330	2,331	4,682	2,314	2,413	9,675	8,517	14,319	17,943
	other employees (i)	"	1,075	1,500	1,867	883	1,038	3,415	2,871	5,373	7,276
Wages and salaries	of operatives	£'000	1,880	2,727	3,702	1,586	2,502	4,965	5,974	8,431	14,904
	of other employees (i)	"	1,106	2,108	2,100	926	1,597	3,079	3,235	5,111	9,040
Wages and salaries per head	operatives	£	807	1,170	791	685	1,037	513	701	589	831
	other employees (i)	"	1,029	1,405	1,125	1,048	1,538	902	1,127	951	1,242
Capital expenditure (j)											
New building work	£'000	261	190	385	856	110	565	373	1,683	1,058	
Land and existing buildings	acquisitions	"	-				101	195	227	259	
	disposals	"	-	14(k)	67(k)		195	180	195	296	
Plant and machinery	acquisitions	"	1,414	1,681			1,367	2,501	3,125	7,786	
	disposals	"	12	2	1,541(k)	5	67	118	84	321	
Vehicles	acquisitions	"	94	175	139	94	128	371	786	558	1,228
	disposals	"	16	68	70	51	46	148	346	216	530

For notes to this table - see page 18/5.

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 (a)

Industry sub-division (b)	1963		1968				
	Quantity	Value	Quantity	Value	Enterprises	Entries	
	Th.cwt.	£'000	Th.cwt.	£'000	Number	Number	
21	Starch, not further processed, other than for use as food (c)	1,042	3,062	655	1,418	5	5
21	Starch, not further processed, for use as food including that for use in glucose manufacture (but excluding pre-packed cornflour) (c)	438	938	1,082	1,985	5	5
21	Maize starch products						
	Maize oil	187	1,422	407	3,597	*	*
	Gluten feed	1,692	2,305	2,743	4,319	*	*
21	Dextrine (including soluble starch, thin boiling starch and 'British gum') and starch wholly or partly dextrinised or gelatinised	1,425	4,475	1,595	5,732	*	5
21	Specialty starches processed in the United Kingdom from home produced or imported starches						
	For the food industry		(d)	120	512	*	*
	Other than for the food industry			..	2,170	6	7
21	Glucose (solid, liquid or powdered)	3,772	7,984	5,842	13,877	11	13
25	Farinaceous preparations for use as foods, excluding proprietary food drinks						
	Starch food powders (including blanchmange powder, custard powder and pre-packed cornflour)	657	5,022	..	10,780	29	31
	Pudding and cake mixtures, bun flours and similar products	660	5,535	..	5,699	25	29
	Rice puddings, canned	1,625	6,439	2,372	8,746	11	14
	Other puddings and trifles, canned (excluding meat and fish puddings)	193	1,528	454	3,529	22	26
	Self-raising flour	5,010	13,240	4,667	14,044	48	88
	Aerating (baking) powders	42.7	347	57.6	592	11	11
	Macaroni, spaghetti, vermicelli, noodles and similar products sold as such	183	1,004	300	1,764	6	6
	Gluten (wheat, maize, etc)	59.2	773	89.5	1,278	*	*
	Ice cream mixes and powders	151	670	157	750	9	10
	Other farinaceous preparations for use as foods, excluding proprietary food drinks	..	357	..	795	8	9
25	Bread improvers, cake extenders and similar products	264	1,766	285	1,823	9	11
25	Proprietary foods and food drinks, excluding milk based (not specifically medicinal) not elsewhere specified	511	9,044	344	6,200	6	6
25	Gravy salt and other preparations for gravy making	266	3,356	..	5,536	23	24

TABLE 5 (continued)

Industry sub-division (b)	1963		1968				
	Quantity	Value	Quantity	Value	Enterprises	Entries	
	Th.cwt.	£'000	Th.cwt.	£'000	Number	Number	
25	Yeast	2,142	5,584	..	5,552	68	116
25	Vegetable extracts (including hydrolysed proteins)	..	..	120	1,825	6	7
25	Seasonings, stuffings and forcemeat	232	2,961	448	5,407	10	14
	Coffee, and coffee and chicory extracts and essences						
22,24	Coffee, roasted and ground		(e)	134	4,699	20	20
22,24	Coffee and chicory, roasted and ground			38.1	568	15	16
	Soluble powder (dry extract)	221	10,863	556	38,911	7	11
23	Liquid essences	..	10,917	..	..	..	..
		Th.gal.	2,705	Th.gal.	1,346	2,463	* * *
23		Th.cwt.	..	Th.cwt.	..	..	..
22,24	Tea, blended		(e)	4,098	117,418	24	27
25	Mustard, ground pepper and pepper substitute, compound, etc	132	3,088	114	3,014	12	12
				..	428	..	..
25	Spices, ground	60.4	1,525	..	2,319	12	13
25	Nuts, shelled, ground or otherwise prepared, and coconut dessicated and flaked but not sugared	406	7,167	586	10,545	30	33
				..	1,168	..	..
		Th.tons	866	Th.tons	731	6	6
25	Ice	690	866	542	731	6	6
	Other products	..	4,927	..	4,632	24	26
	Waste products	..	247	..	464	34	42
	Work done		1,193		1,265	18	18
	Total		121,310		297,070	..	..
	Sales in other industries (see Table 6)		28,253		39,523	..	..
	Principal products of this industry sold by establishments in the industry		93,057		257,547	84	108(f)

(a) 1963 data are not strictly comparable with that of 1968 because of changes in the Standard Industrial Classification. Details are given in the introduction to this Report.

(b) 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.

(c) May include some 'Specialty' starches for 1963.

(d) Not recorded separately for 1963.

(e) Establishments wholly or mainly engaged in the production of this commodity were outside the scope of the census for 1963. See introduction to this Report.

(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 (a)

	1963		1968			
	Quantity	Value	Quantity	Value	Entries	Principal industries in which produced (b)
	Th.cwt.	£'000	Th.cwt.	£'000	Number	
Glucose		(c)	466	807	6	11,12,14
Farinaceous preparations for use as foods, excluding proprietary food drinks						
Starch food powders (including blancmange powder, custard powder and pre-packed cornflour)	61.8	374	..	916	15	11,13,14,19
Pudding and cake mixtures, bun flours and similar products	200	1,977	244	2,364	13	7,12,13,17
Rice puddings, canned	840	3,297	1,184	5,024	*	11,13,14
Other puddings and trifles, canned (excluding meat and fish puddings)	193	1,528	454	3,529	} 26	8,10,11,14
			..	513		
Self-raising flour	3,347	8,469	3,782	10,988	81	7,8,14,15
Aerating (baking) powders		(c)	5.8	28	*	11,13,29
Macaroni, spaghetti, vermicelli, noodles and similar products sold as such	133	816	124	938	*	7,9
Other farinaceous preparations for use as foods, excluding proprietary food drinks	..	736	..	353	*	11,29
Bread improvers, cake extenders and similar products	91.8	713	68.2	653	8	12,28,29
Gravy salt and other preparations for gravy making	239	3,107	..	1,670	19	10,14,30
Yeast			..	609	110	10,19
Vegetable extracts (including hydrolysed proteins)	574	515	108	1,631	*	10,11,16,34
Seasonings, stuffings and forcemeat	65.2	898	157	2,180	7	8,9,10,19
Spices, ground	31.0	993	..	221	7	9,14,15
Nuts, shelled, ground or otherwise prepared, and coconut dessicated and flaked but not sugared	89.5	2,005	79.5	2,341	} 21	9,13,14,17
			..	757		
Other products	..	2,826	..	3,999	13	9,20,30,37
Total		28,253		39,523		

(a) 1963 data are not strictly comparable with that for 1968 because of changes in the Standard Industrial Classification. Details are given in the introduction to this Report.

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

(c) Included in 'Other products' for 1963.

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 (a)

	1963		1968	
	Quantity	Value	Quantity	Value
	Th.tons	£'000	Th.tons	£'000
Cereal breakfast foods in packets for retail sale	3.3	555	10.9	2,193
Sugar confectionery	..	1,520(b)	..	572
Table jellies	Th.cwt. 102	923	..	619
Fruit and vegetable products	..	1,878	..	1,172
Other food and drink products	..	6,529	..	4,956
Other products	..	1,791	..	7,250
Services rendered to other organisations (c)	..	90	..	220
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)	..	8,387	..	19,131
Canteen takings	..	189	..	315
Total		21,863	..	36,430

(a) 1963 data are not strictly comparable with that of 1968 because of changes in the Standard Industrial Classification. Details are given in the introduction to this Report.

(b) Including cocoa and chocolate confectionery for 1963.

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

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
Materials for use in production		£'000		£'000
Vegetable and seed oils, imported as such, not processed in any way in the United Kingdom			..	221
Oils, home produced or home processed			..	1,320
Lard	..	891(b)	..	164
Other animal fats (excluding butter)			..	254
Margarine and butter			..	7
Maize and maize meal				
Already processed in the United Kingdom			..	82
Not yet processed in the United Kingdom	..	7,322	..	13,654
Other cereals (eg wheat, rice, soya beans, soya flour)	..	1,365	..	2,107
Wheat flour			Th.tons	
Imported as such	..	893	6.9	320
Home milled	..	5,038	..	4,018
Flour made from root crops		(c)	..	321
Starch and dextrine				
Imported	..	2,963	..	3,455
Other	..	649	..	898
Vegetables	..	284	..	168
Sugar (including invert), glucose and honey and sugar confectionery	..	3,045	..	2,595
Malt and malt grain	..	534	..	472
Milk powder	..	293	..	443
cocoa powder	..	307	..	252
Nuts				
Almonds	..	387	..	783
Other (including flaked and desiccated coconut)	..	3,466	..	3,800
Coffee	..	13,714	..	25,786
Chicory	..	314	..	257
Tea for blending				
Green tea			..	778
Black tea	..	(d)	..	93,696
Whole pepper	..	589	..	538
Unground spices	..	296	..	470
Fresh fruit and fruit pulp, and dried fruit including dried or candied peel	..	378	..	712
Eggs in shell or not	..	2,898	..	2,823
Salt	..	87	..	42
Essences and flavouring compounds, confectioners' colours and other dyes for foods, etc	..	210	..	497
	Th.gal.		Th.gal.	
	32.1		39.7	15
	Th.cwt.		Th.cwt.	
Lubricating oils and greases	0.4		0.1	2
			..	3

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)		£'000		£'000
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	..	755	..	161
Other			..	1,044
All other materials for use in production	..	7,080	..	11,189
Packaging materials				
Paper and board				
Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard	..	2,971	..	5,684
Fibreboard packing cases			..	1,913
Bags and multiwall paper sacks	..	179(e)	..	848
Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal)			..	1,271
Paper and board for converting into packaging materials	..	1,012	..	1,151
Other packaging materials of paper and paperboard (including moulded pulp units and labels)			..	1,176
Metal				
Cans and boxes	..	3,952	..	4,340
Barrels, kegs and drums		(c)	Thousands 200	231
Aluminium collapsible tubes, aluminium foil, and any laminates incorporating aluminium foil and aluminium foil labels and closures	..	140	..	304
Other packaging materials of metal including crown corks, wire, foil and any laminates incorporating foil (other than aluminium foil), foil labels and foil closures, tensional steel strappings, etc	..	323	..	588
Glass containers	Thousands 183,738	2,169	196,039	2,656
Transparent regenerated cellulose film				
In sheets or rolls	..	266	..	570
Bags			..	34
Plastics				
Film (up to 0.01 inches thick)				
Of polyethylene			..	96
Of other plastics materials			..	18
Bags and sacks	..	104(f)	..	73
Up to 500 gauge			..	12
Other			..	5
Sheets and sheeting (thicker than 0.01 inches)			..	5
Moulded and fabricated containers including closures and inserts				
Large containers (with a capacity exceeding 1 gallon)			..	5
Bottles and bottle caps	..	(c)	..	198
Other (excluding re-usable crates)			..	52

Continued on next page.

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Packaging materials (continued)		£'000		£'000
Jute and hessian piece goods, sacks and bags	..	102	..	87
All other packaging materials	..	627	..	583
Fuel and electricity (g)	Th.tons		Th.tons	
Coal	129	688	111	594
Coke (including screenings) and manufactured fuel	5.0	44	1.6	18
	Th.gal.		Th.gal.	
Derv fuel and motor spirit for use in road vehicles	1,545	299	1,430	361
Other liquid fuels (including creosote/pitch mixtures, etc and liquefied petroleum gases)	16,037	636	32,719	1,294
	Th.therms		Th.therms	
Gas	1,950	179	959	94
	Th.kWh		Th.kWh	
Electricity	149,631	997	250,534	1,291
			..	385
All other fuels	..	(c)	..	310
Total cost of materials and fuel		68,458		199,718
Goods purchased for merchanting		6,803		16,179
Canteen purchases		187		356
Total cost of purchases		75,448		216,252

(a) 1963 data are not strictly comparable with that for 1968 because of changes in the Standard Industrial Classification. Details are given in the introduction to this Report.

(b) For 1963 described as 'Butter, margarine and refined vegetable oils'.

(c) Not separately recorded for 1963.

(d) For 1963 details were not separately collected as establishments wholly or mainly engaged in blending tea were outside the scope of the census. See introduction to this Report.

(e) For 1963 bags were not specifically included.

(f) Described in 1963 as 'Plastic sheet, film, foam, etc' (including bags).

(g) The total quantity of electricity generated in establishments employing 25 or more persons in this industry was 48,967 Th.kWh in 1968 and 25,071 Th.kWh in 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 (a)

	Unit	1963	1968
Average number mainly employed on transport	No.	805	949
Transport costs			
Wages and salaries	£'000	662	989
Derv fuel and motor spirit	"	299	465
Tyres and other spare parts for road goods vehicles	"	..	161
Payments to other organisations for transport	"	2,639	4,882
	{ by road		
	{ by rail and other means excluding postal services		275
Costs of operating road goods vehicles			
Insurance	"	34	56
Vehicle licences	"	51	118
Depreciation	"	205	403
Payments to other organisations for repairs and maintenance	"	139	301
Total	"	4,029(a)	7,650

(a) 1963 data are not strictly comparable with that for 1968 because of changes in the Standard Industrial Classification. Details are given in the introduction to this Report.

(b) 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 (b)

	Amounts payable	
	1963	1968
Repairs and maintenance to	£'000	£'000
Buildings	187	387
Road goods vehicles	139	301
Plant, machinery and other capital equipment	529	1,171
Insurance, licensing and depreciation of road goods vehicles (c)	290	578
Rates, excluding water rates	480	1,121
Hire of plant and machinery	68	329
Postage, telephone, telegrams, cables and telex (d)	224	486
Total	1,917	4,373

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

(b) 1963 data are not strictly comparable with that for 1968 because of changes in the Standard Industrial Classification. Details are given in the introduction to this Report.

(c) For details see Table 11.

(d) 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)	3.7	1.9
May	0.9	0.1
June	1.9	4.8
July	0.0	0.0
August	1.9	1.6
September	17.6	16.2
October	0.9	0.4
November	2.8	4.7
December	39.8	33.4
1969		
January	6.5	11.7
February	3.7	1.3
March	19.4	23.8
April (b)	0.9	0.3
	100	100

(a) From 6 April.

(b) To 5 April.