



BOARD OF TRADE

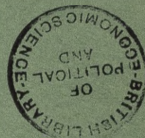
FINAL REPORT
on the
CENSUS OF PRODUCTION
FOR 1948

Volume 9

Trade G

MISCELLANEOUS PRESERVED FOODS

*Presented by the Board of Trade to Parliament
in pursuance of the Statistics of Trade Act, 1947
(10 & 11 Geo. 6, Ch. 39, Sec. 7).*



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 In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report but also the general explanations and qualifications contained in the separate booklet published in this series by H.M. Stationery Office entitled "Final Reports of the Census of Production for 1948: Introductory Notes", price 2s Od. NET

List of Tables

Table No.	Title	Page.
1	Summary: Larger establishments	9/G/2
2	Summary, 1948: Small firms in Great Britain	9/G/3
3	Estimated average employment, 1948: All firms in Great Britain	9/G/3
4	Analysis by size, 1948: Larger establishments in Great Britain	9/G/3
5	Analysis by standard region, 1948: Larger establishments in Great Britain	9/G/4
6	Analysis according to specialisation within the trade, 1948: Larger establishments in Great Britain	9/G/4
7	Total make of intermediate products: Larger establishments	*
8	Sales (or production) of the principal products of the trade, including sales (or production) of these products by establishments classified to other trades: Larger establishments	9/G/5
9	Sales (or production) of principal products of the trade by establishments classified to other trades: Larger establishments	9/G/8
10	Sales (or production) in the trade of other than principal products: Larger establishments	9/G/10
11	Analysis of sales, 1948: Larger establishments in Great Britain	9/G/11
12	Production, exports and imports of certain principal products: Larger establishments	9/G/12
13	Purchased materials and fuel: Larger establishments	9/G/13
14	Stocks of finished products and work in progress and stocks of materials and fuel, 1948: Larger establishments in Great Britain	9/G/15
15	Employment and remuneration: Larger establishments	9/G/16
16	Wages and salaries paid, 1948: Larger establishments in Great Britain	9/G/17
17	Payments for work done on materials given out, 1948: Larger establishments in Great Britain	9/G/17
18	Payments for certain services, 1948: Larger establishments in Great Britain	9/G/17
19	Plant, machinery and vehicles acquired and disposed of, 1948: Larger establishments in Great Britain	9/G/18
20	Capital expenditure on building work and changes in occupation of buildings and land, 1948: Larger establishments in Great Britain	9/G/18

Country Tables

Table No.	Title	Page
21	Summary: Larger establishments	9/G/19
22	Summary: Small firms	9/G/20
23 or 23(1)	Sales in the trade: Larger establishments	9/G/21
23(11)	Sales in the trade: Small firms	*
24 or 24(1)	Purchased materials and fuel: Larger establishments	9/G/24
24(11)	Purchased materials and fuel: Small firms	*
25 or 25(1)	Employment and remuneration: Larger establishments	9/G/26
25(11)	Employment: Small firms	*
26	Monthly index of employment of operatives: Larger establishments	9/G/27

* Not applicable to this trade

MISCELLANEOUS PRESERVED FOODS TRADE

This report on the Miscellaneous Preserved Foods Trade relates to establishments engaged wholly or mainly in the manufacture of soups and soup powders, blanc mange powder, cake mixtures, coffee essences and extracts, fish and meat pastes, vegetarian foods, etc., and in fish canning, flour blending and salt processing (other than at salt mines or brine pits). Establishments mainly engaged in flour blending were classified in 1935 in the Bread, Cakes etc. Trade, a trade not covered by the 1937 Inquiry: Table 1 gives as well as the full totals for 1935, figures for that year relating to the sections of the trade included in the 1937 Inquiry.

This trade corresponds to minimum list heading 162(6) in the Standard Industrial Classification, except that establishments wholly or mainly engaged in the manufacture of ice, which are included in this heading, have been dealt with in a separate report (Volume 9, Trade F) as have salt processing establishments attached to salt mines or brine pits (Volume 1, Trade C).

Any establishments in Northern Ireland are excluded in 1948; no establishments there in this trade were separately distinguished for 1937 or 1935.

FOOD, DRINK AND TOBACCO
MISCELLANEOUS PRESERVED FOODS TRADE

Summary
Larger establishments

TABLE 1

	All sections of the trade	Sections of the trade covered by the 1937 Inquiry		All sections of the trade
	1948	1937	1935	1935
	£'000	£'000	£'000	£'000
Gross output (production)	51,440	11,063	10,021	11,340
Cost of materials and fuel used	31,370	5,843	4,958	5,951
Payment for work done on materials given out	98	8	5	5
Net output	19,973	5,212	5,058	5,384
Wages and salaries of persons employed	7,442	..	..	..
	No.	No.	No.	No.
Average number of persons employed	26,223(a)	13,814	13,296	14,731
	£	£	£	£
Net output per person employed	762	377	380	365
	£'000	£'000	£'000	£'000
Stocks at end of year				
Finished products and work in progress	2,629	..	..	..
Materials and fuel	6,560	..	..	..
	No.	No.	No.	No.
Number of establishments	277	..	119	156

(a) For an estimate of the total number of persons employed in this trade see Table 3.

The values of gross output and of materials and fuel used are derived in the following way:-

	All sections of the trade	Sections of the trade covered by the 1937 Inquiry		All sections of the trade
	1948	1937	1935	1935
	£'000	£'000	£'000	£'000
Output of firms in this trade				
Total value of sales (1948) or production (1937 and 1935)				
Principal products (see Table 8)	40,048	8,490	10,021	9,257
Other output (see Table 10)	11,941	2,573		
Adjustment for changes in stocks and work in progress (see Table 14)	+ 580			
	52,569	11,063	10,021	11,340
Less payment for transport by other firms	1,129			
Gross output (production)	51,440	11,063	10,021	11,340
Materials and fuel used by firms in this trade				
Purchases (see Table 13)	31,930	5,843	4,958	5,951
Adjustment for changes in stocks (see Table 14)	- 560			
Materials and fuel used	31,370	5,843	4,958	5,951

Summary, 1948
Small firms in Great Britain

TABLE 2

Number of returns	183
Average number of persons employed (a)	
Males	500
Females	590
Total	1,090

(a) Including working proprietors.

Estimated average employment, 1948

All firms in Great Britain

TABLE 3

As returned by firms	
Employing on average more than ten persons (a)	26,223
Employing on average ten persons or less (b)	1,090
	27,313
Estimated average employment in firms not making satisfactory returns	156
Estimated average employment in all firms	27,469

(a) See Tables 1 and 15
(b) See Table 2.

Analysis by size, 1948

Larger establishments in Great Britain

TABLE 4

Average number employed	Establishments	Gross Output	Net Output	Persons Employed	Remuneration			Net output per person employed
					Wages	Salaries	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11-24	62	2,215	698	1,173	187	105	292	595
25-49	93	6,755	2,314	3,316	547	374	922	698
50-99	54	7,155	2,574	3,707	583	423	1,005	694
100-199	34	9,288	3,451	4,538	703	548	1,250	761
200-299	15	7,162	2,717	3,670	551	489	1,041	740
300-399	7	4,037	1,831	2,352	371	333	704	778
400-499	3	1,557	650	1,284	154	173	327	506
500-749	6	6,822	2,799	3,450	590	389	959	811
750 and over	3	6,450	2,939	2,735	534	407	940	1,075
Total	277	51,440	19,973	26,223	4,220	3,221	7,442	762

Analysis by standard region, 1948
Larger establishments in Great Britain

TABLE 5

Region	Establishments	Gross output	Net output		Persons employed	Remuneration		
			Value	Percentage of total		Wages	Salaries	Total
	No.	£'000	£'000		No.	£'000	£'000	£'000
England								
Northern	11	2,135	695	3.5	1,315	211	122	335
East and West Ridings of Yorkshire	21	1,328	571	2.9	1,243	152	138	290
North Midland	11	2,103	849	4.2	952	162	122	284
Eastern	19	5,454	2,467	12.4	2,251	424	420	844
London and South Eastern	103	19,579	7,642	38.3	10,135	1,699	1,141	2,839
Southern	7	819	273	1.4	365	60	44	104
South Western	13	1,781	553	2.8	1,015	156	101	257
Midland	20	3,252	1,395	7.0	1,353	231	194	425
North Western	42	8,365	3,074	15.4	4,199	598	579	1,177
Total England	247	44,816	17,520	87.7	22,828	3,692	2,861	6,553
Wales	8	652	211	1.1	391	46	34	80
Scotland	22	5,972	2,242	11.2	3,004	483	326	808
Great Britain	277	51,440	19,973	100.0	26,223	4,220	3,221	7,442

TABLE 6 - Analysis according to specialisation within the trade, 1948

Larger establishments in Great Britain

No specialisation within this trade was distinguished.

TABLE 7 - Total make of intermediate products: Larger establishments

This table is not applicable to this trade.

Sales (or production) of the principal products of the trade,
including sales (or production) of these products by
establishments classified to other trades

Larger establishments

TABLE 8

	1948 Sales			1937 (a) Production		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Meat and fish paste in tins, glasses, etc.	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Poultry and/or meat	84	1,163	61	58	552	53	510
Fish	132	2,520	50	89	938	90	887
Unclassified	40	513	7	-	-	-	-
Fish in tins, glasses, etc. (b)							
Herrings							
Marinated	8	93	5				
..	..	11	..	107	254	134	281
Other sorts	232	1,497	14				
Brisling or sild	23	394	5	51	87	39	99
Other descriptions, including pilchards	34	344	15	..	12	..	..
Fish cakes	112	663	31	..	(c)	..	(c)
Salt (d)							
Processed in containers				98	42	137	59
Wrapped cut lumps	55	48	14	..	(c)	..	(c)
Farinaceous preparations for use as food, including patent and proprietary foods, not specifically medicinal (e)							
Arrowroot, prepared	1	13	7				
Macaroni, spaghetti, vermicelli, noodles and similar products	1,044	3,650	40	266	1,120	236	1,003
Other sorts, not elsewhere specified	116	645	35	..	1,128	..	1,367
Infants' and invalids' foods other than specifically medicinal, not elsewhere specified	285	4,114	19				
Blancmange, custard and similar powders, not including maize starch (cornflour)	512	3,397	98	340	1,338	305	1,247
Ice cream mixtures and powders	60	590	43	..	(c)	..	(c)
Pudding and cake mixtures, bun flours and similar products	762	2,809	71	101	322(f)	127	392(f)
..						..	53
Self-raising flour (g)	3,426	4,464	297	267	246	2,080	1,836
Aerating (baking) powders	181	1,295	66	60	352	65	385

TABLE 8 (Contd.)

	1948 Sales			1937 (a) Production		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Nuts, shelled, ground or otherwise, prepared (including coconut, desiccated and flaked but not sugared)	85	1,254	28	188	1,249	209	1,130
Isinglass (excluding brewers' finings)	1	78	..	4	71	4	74
Soups							
Tinned or bottled	1,755	6,631	53	313	793	230	729
Other (including soup squares and powders)	68	669	15	16	119		
Unclassified	-	-	-	17	131		
Gravy salt and other preparations for gravy making	330	2,061	68	143	656	118	481
Seasonings, stuffings and forcemeat	32 ..	239 36	27	..	(c)	..	(c)
Chicory, dried (in terms of single dried)	88	178		(c)	..	(c)
Coffee and coffee and chicory extracts and essences							
Soluble coffee powder (dry extract)	190	3,770	10	163	1,203	143	1,113
Liquid essence	Th. galls.		..				
Pure coffee	77	163	..				
Coffee and chicory	1,903	1,924	16				
Unclassified	Th. cwts.	19	237	10			
Other powders and essences for beverages except fruit juices and solid soft drinks (h)	39 ..	725 132	35	114	957	70	460 (1)
	..	132		..	383	..	287
Yeast or vegetable extracts	89	1,145	13	..	(c)	..	(c)
Liquid and powdered eggs and egg substitutes (i)	4 ..	37 27	7	13	97	7 ..	46 34
Vegetarian foods, not elsewhere specified (j)	38	332		7	58	528	58	473
Lemon curd and lemon cheese	171	929	87	143	349	147	347
Bread improvers and the like (1)	221 ..	875 114	19	-	-	-	-
Sweet puddings, canned (1)	255	1,826		46	-	-	-
Rennet (1)	..	160	6	-	-	-	-
Gluten (wheat, maize, etc.) (1)	41	222	5	-	-	-	-
Tin greasers and emulsifiers (1)	205	1,063	15	-	-	-	-
Honey (processed and packed) (1)	51	371	20	-	-	-	-

TABLE 8 (Contd.)

	1948 Sales			1937 (a) Production		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Mixtures of malt flour with other flour for breadmaking etc. (i)	120	341	..	-	-	-	-
Custard and similar mixtures in liquid form (i)	7	122	..	-	-	-	-
Other grocers' sundries	..	96	86	..	619	..	543
Waste products	..	80	108	..	(c)	..	(c)
Work done for the trade or on commission (k)		156	26		34		11
Total		54,214	..		13,578		13,827
Less sales (or production) in other trades (see Table 9)		14,166	..		5,088		4,570
Total principal products of this trade sold or made by establishments in the trade		40,048	253		8,490		9,257

(a) Firms classified to the Trades not covered by the 1937 Inquiry recorded the following output in 1935:-

	Th. cwts.	£'000
Meat and fish paste in tins, glasses, etc.		
Poultry and/or meat	1	8
Fish	2	13
Farinaceous preparations for use as food, including patent and proprietary foods not specifically medicinal	3	6
Blancmange, custard and similar powders	..	14
Pudding and cake mixtures, bun flours and similar products	8	18
Self-raising flour	7	9
Aerating (baking) powder	..	49
Nuts shelled, ground or otherwise prepared (including coconut, desiccated and flaked)	1,920	1,705
Isinglass	1	5
Gravy salt and other preparations for gravy making	34	207
Coffee and coffee and chicory extracts and essences	1	12
Other powders and essences for beverages except fruit juices and solid soft drinks	..	1
Lemon curd and lemon cheese	..	3
Other grocers' sundries	5	9
	..	7
	4	12
	..	39
		2,117

(b) Described as "Fish canned" for 1937 and 1935.

(c) Not recorded separately.

(d) Excluding salt processed, etc. at salt mines or brine pits (see Volume 1, Trade C).

(e) Excluding breakfast cereals packeted for retail sale (so far as recorded separately for 1937 and 1935) and maize starch. For breakfast cereals see the Grain Milling Trade (Volume 8, Trade A) and for maize starch the Starch Trade (Volume 9, Trade E).

(f) Described as "Cake mixtures".

(g) Excluding the output returned by establishments classified to the Grain Milling Trade (Volume 8, Trade A).

(h) Including solid soft drinks in 1937 and 1935.

(i) So far as recorded separately.

(j) For potato crisps see the Preserved Fruit and Vegetables Trade (Volume 8, Trade K). The figures for 1937 and 1935 exclude potato crisps so far as recorded separately.

(k) Amount charged in 1948 and amount received in 1937 and 1935.

Sales (or production) of principal products of the trade by establishments classified to other trades

Larger establishments

TABLE 9

	1948 Sales			1937 Production		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Meat and fish paste in tins, glasses, etc.							
Poultry and/or meat	32	361	34	19	189	19	184
Fish	45	682	25	22	243	30	287
Unclassified	3	34	..	-	-	-	-
Fish in tins, glasses, etc.							
Herrings	18	145	..	5	13	4	10
Other descriptions including pilchards	1	20	..	1	4	1	4
Fish cakes	54	324	15	-	-	-	-
Salt							
Processed in containers	10	9	..	6	5	88	33
Wrapped cut lumps				-	-	-	-
Farinaceous preparations for use as food, including patent and proprietary foods, not specifically medicinal							
Macaroni, spaghetti, vermicelli, noodles and similar products	293	1,058	7				
Other sorts, not elsewhere specified	23	90	9	47	112	49	116
Infants' and invalids' foods other than specifically medicinal, not elsewhere specified	75	1,083	9	..	446	..	610
Blancmange, custard and similar powders, not including maize starch (cornflour)	79	447	30	94	296	67	234
Ice cream mixtures and powders	26	332	22	-	-	-	-
Pudding and cake mixtures, bun flours and similar products	40	243	13	18	51	32	68
Self-raising flour	401	515	241	170	148	499	506
Aerating (baking) powders	14	99	15	9	40	10	36
Nuts, shelled, ground or otherwise prepared (including coconut, desiccated and flaked but not sugared)	36	455	18	81	395	62	309

TABLE 9 (Contd.)

	1948 Sales			1937 Production		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Isinglass (excluding brewers finings)	-	-	-	-	-	1	17
Soups							
Tinned or bottled	805	3,077	26	303	770	195	543
Other (including soup squares and powders)	1	8	..	4	34		
Gravy salt and other preparations for gravy making	252	1,572	38	103	517	90	379
Seasonings, stuffings and forcemeat	17	141	..	-	-	-	-
Th. cwts.	..	24	13				
Coffee and coffee and chicory extracts and essences	733	661	..	51	350	42	281
Th. cwts.	8	86					
Other powders and essences for beverages except fruit juices and solid soft drinks	37	662	25	90	759	45	227
Th. cwts.	..	116		..	214	..	113
Yeast or vegetable extracts	5	15	..	-	-	-	-
Vegetarian foods not elsewhere specified	3	14	..	13	29	10	38
Lemon curd and lemon cheese	149	795	75	102	252	105	249
Bread improvers and the like	4	32	..	-	-	-	-
Th. cwts.	12						
Sweet puddings, canned	87	635	27	-	-	-	-
Rennet	..	4	..	-	-	-	-
Tin greasers and emulsifiers	34	168	6	-	-	-	-
Honey (processing and packing)	23	163	15	-	-	-	-
Other grocers' sundries	..	18	..	..	221	..	306
Work done for the trade or on commission		56(a)	6		-		-
Total		14,166			5,088		4,570

(a) Amount charged.

Sales (or production) in the trade of other than principal products

Larger establishments

TABLE 10

	1948 Sales		1937 Production		1935 Production	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Preserved meat in tins, glasses, etc.	71	647	32	298	26	226
Meat extracts and essences	10	330	2	20	-	7
Pickles and sauces	193	1,935	10	57	8	48
Sugar, ground, and otherwise prepared	101	359	150	191	156	187
Cocoa and sugar confectionery	162	1,484	189	562	176	529
Preserved vegetables	332	1,315	120	144	57	69
Preserved fruit	111	683	57	153	36	89
	..	94				
Table jellies	79	825	114	379	122	368
Coffee, roasted	35	478	-	-	-	-
Other food and drink products	..	2,358	..	503	..	369
Flavouring essences	..	496	..	66	..	48
Drugs, medicines and medicinal preparations	..	389	..	148	..	121
Other goods	..	410	..	52	..	22
Work done		137 (a)		-		-
Total		11,941		2,573		2,083

(a) Amount charged.

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE 11

	Sales	Percentage of total sales
	£'000	
Sales (or transfers) to other organisations under the same control		
Productive works	141	0.3
Export sales organisations (including branches abroad)	620	1.2
Other wholesale or selling organisations	9,933	19.2
Retail shops, etc.	268	0.5
Total sales (or transfers) to other organisations under the same control	10,962	21.2
Sales to independent buyers		
Exports invoiced directly overseas	1,176	2.3
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	227	0.4
His Majesty's Government and Local Authorities (other than productive establishments)	493	1.0
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	3,821	7.4
Wholesalers, merchants and other agents for resale	17,736 (a)	34.3
Retailers, including multiple shops, caterers and N. A. A. F. I., for resale	14,854	28.7
Other businesses (including farmers) and institutions of all kinds	223	0.4
Members of the public, including employees	54	0.1
Unclassified	2,208	4.3
Total sales to independent buyers	40,790	78.8
Total	51,753	100.0

(a) Of this total £14,580,000 was recorded as divided between £80,000 for export and £14,470,000 for other sales.

Production, exports and imports
of certain principal products (a)

TABLE 12

		Production (b) (c)	Exports	Retained imports
		Th. cwts.	Th. cwts.	Th. cwts.
Arrowroot prepared	1948	1	-	13
	1937	..	-	15
Macaroni, spaghetti, vermicelli, noodles and similar products	1948	1,044	6	161
	1937	..	1(d)	97(d)
Nuts, shelled, ground or otherwise prepared (including coconut, desiccated and flaked but not sugared)	1948	85	4(e)	..
Isinglass	1948	1(f)	1	4
	1937	4	2	12
Soups				
Tinned or bottled	1948	1,755	24	..
Other (including soup squares and powders)	1948	68	1	..
Gravysalt and other preparations for gravy making	1948	330	11	..
Coffee and Coffee and chicory essences and extracts	1948	Th. galls. 1,980	16	..
	1937	Th. cwts. 209		
Yeast or vegetable extracts	1948	89	3	..
Lemon curd and lemon cheese	1948	171	1	..

(a) Figures of sales (or production) refer only to larger establishments in the relevant years. All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.

(b) Sales in 1948 and production for sale in 1937.

(c) Including sales (or production) by establishments classified to other trades.

(d) Described as "Macaroni, spaghetti and vermicelli".

(e) Described as "Nuts, blanched, ground, roasted or otherwise prepared."

(f) Excluding brewers' finings.

Purchased materials and fuel

Larger establishments

TABLE 13

	1948		1937		1935	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials						
Raw meat	128.2	666	88.4	258	73.2	199
Meat extracts and essences	6.8	260	1.5	13	..	(a)
Other forms of meat (dehydrated, canned, etc.)	12.7	115	..	(a)	..	(a)
Fish (b)						
Marinated herrings	5.4	20	240.9	178	219.1	154
Other	460.4	1,084			..	49
Vegetables (including rhubarb)						
Fresh	196.1	196	88.5	61	73.3	46
	..	55				
Preserved	173.4	637				
Sugar (including invert sugar)	599.1	1,790	537.0	518	486.3	435
Nuts	73.4	860	174.0	775	..	(a)
Wheat flour (including semolina)	4,914.9	4,753	338.6	222	1,528.0	781
Fresh fruit						
Oranges	0.2	1	44.7	59(c)	22.9	31(c)
Other sorts	47.1	112				
Dried fruits	36.1	159				
	..	37				
Fruit pulp						
Citrus	4.6	11				
Other sorts	61.3	315				
Packing materials						
Tin containers	404.3	1,495	..	1,265	..	(a)
	Th. gross 833	885				
	..	265				
Glass bottles and jars	2,056	1,433				
Other packing materials	..	4,230				
Unclassified	..	85				
Molasses, treacle and syrup	11.9	36				
Edible oils and fats	94.6	760				

TABLE 13 (contd.)

	1948		1937		1935	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000		£'000		£'000
Materials (contd.)						
Maize starch	267.0	632				
Coffee	308.1	2,369				
Chicory	506.1	302				
Mustard seed	-	4				
Salt (b)	208.7	61	..	1,844	..	4,159(d)
Raw cocoa	24.6	198				
Chocolate couverture and block chocolate	-	5				
All other purchased materials	..	7,390				
Unclassified materials	..	44	..	492	-	-
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	69.5	213	55.7	68	45.2	45
Coke	14.1	55	..	(a)	5.0	7
Electricity purchased	Th. B. T. U. (kW.hrs.)		Th. B. T. U. (kW.hrs.)		Th. B. T. U. (kW.hrs.)	
Electricity obtained from other works under the same ownership (e)	27,190	145	12,918	36	10,048	33
Motor spirit (petrol) and deriv. fuel	Th. galls				Th. galls	
Used for road vehicles	709	70				
Used for other power purposes	1,485	58	..	(a)	..	(a)
Other oil fuel (including creosote/pitch mixtures)	743	36	..	(a)	745	12(f)
Gas purchased	Th. therms					
From public supply	1,356	64				
From other sources						
Gas obtained from other works under the same ownership	-	-	..	54	..	(a)
All other purchased fuel	..	26				
Total		31,930		5,843		5,951

- (a) Not recorded separately.
(b) So far as recorded separately.
(c) Described as "Fruit".
(d) Including fuel not specified separately.
(e) The total quantity of electricity consumed in 1948 was 28,446,000 B. T. units including 1,256,000 generated in the same works.
(f) Described as "Heavy fuel oil".

Stocks of finished products and work in progress and stocks of materials and fuel, 1948

Larger establishments in Great Britain

TABLE 14

	At beginning of year		At end of year	
	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000
Finished products				
Blancmange, custard and similar powders	14	60	18	71
	..	10	..	19
Sugar, ground and otherwise prepared for icing, fondants, etc.	2	8	3	11
Other finished products	..	1,433	..	1,922
Work in progress		401		451
Unclassified		138		156
Total finished products and work in progress		2,049		2,629
Materials and fuel				
Sugar (including invert sugar)	48.4	143	37.1	111
Wheat flour (including semolina)	115.6	122	95.0	101
Other descriptions of materials and fuel	..	5,359	..	5,939
Unclassified	..	375	..	409
Total materials and fuel		5,999		6,560

Employment and remuneration (a)

Larger establishments

TABLE 15

	Average number of operatives			Administrative, technical and clerical employees (b)				Total					
	All sections of the trade	Sections of the trade covered by the 1937 Inquiry		All sections of the trade	All sections of the trade	Sections of the trade covered by the 1937 Inquiry		All sections of the trade	All sections of the trade	Sections of the trade covered by the 1937 Inquiry		All sections of the trade	
		1948	1937			1935	1935			1948	1937		1935
Males													
Under 18	327	282	223	261	84	113	89	98	411	395	312	357	
All ages	7,273	3,131	2,740	3,132	3,865	2,083	1,908	2,105	11,138	5,214	4,648	5,237	
Females													
Under 18	1,528	2,353	2,540	2,829	504	250	143	175	2,032	2,603	2,683	3,004	
All ages	12,292	7,427	7,630	8,364	2,766	1,173	1,018	1,130	15,058	8,600	8,648	9,494	
Total													
Under 18	1,855	2,635	2,763	3,090	588	363	232	271	2,443	2,998	2,995	3,361	
All ages	19,565	10,558	10,370	11,496	6,631 (c)	3,256	2,926	3,235	28,196 (c)(d)(e)	13,814	13,296	14,731	
Total remuneration	£'000 4,220	..	..	..	£'000 3,221	..	..	..	£'000 7,442	..	..	..

(a) Excluded employees. The following numbers were employed at establishments in this trade but are not included in the table or in any other report (e.g., employees in a separate selling or transport organisation for which separate accounts are kept):-

Canteen workers	6 Males	248 females
Other workers	432 males	178 females

(b) Number at September 25, 1948, October 16, 1937, and October 12, 1935.

(c) There were, in addition, 27 working proprietors (25 males and 2 females) in 1948. Working proprietors are included in the 1937 and 1935 figures.

(d) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £190,000.

(e) The following persons (included in this total) were employed on special work by establishments employing 100 or more persons:-

	Operatives	Administrative, technical and clerical employees
Transport of goods outside the premises	366	
Maintenance and repair of firms' buildings, but not plant	123	
Research work not directly connected with current production however charged	23	27

Wages and salaries paid, 1948 (a)

Larger establishments in Great Britain

TABLE 16

	Amount paid by all establishments	Establishments making returns for the calendar year					
		Amount paid	Percentage of annual remuneration paid in				
			First quarter	Second quarter	Third quarter	Fourth quarter	Year
Wages and salaries of	£'000	£'000					
Operatives	4,220	2,030	24.7	24.6	24.4	26.3	100.0
Administrative, technical and clerical employees	3,221	1,398	24.1	24.7	24.8	26.4	100.0
Total	7,442	3,428	24.5	24.6	24.6	26.3	100.0

(a) Including bonus and commission payments.

TABLE 17 - Payments for work done on materials given out, 1948

Larger establishments in Great Britain

The total amount paid for work done on materials given out was £98,000.

Payments for certain services, 1948

Larger establishments in Great Britain

TABLE 18

	Amount paid
Repair and maintenance	£'000
Of buildings	88
Of plant, machinery and vehicles	217
Unclassified	255
Hire of plant, machinery and vehicles	101 (a)
Advertising and market research	
Advertising in newspapers, magazines and periodicals	554
Other advertising services (poster display, despatch of circulars, etc.) and market research	356
Unclassified	251
Payments made for research work	
To research associations	8
To universities, institutions, academic bodies and similar agencies	1
To other commercial concerns	8
Postage, telephone, telegrams and cables	136
Commercial insurance premiums	139
Rates (excluding water rates) payable in the year	58

(a) Including £13,000 recorded as "Hire of plant, machinery and vehicles, including space",

Plant, machinery and vehicles acquired and disposed of, 1948
Larger establishments in Great Britain

TABLE 19

	Acquisitions		Disposals
	New	Second-hand	
	£'000	£'000	£'000
Plant and machinery	1,035	47	73
Vehicles	175	37	54
Total	1,210	84	128

Capital expenditure on building work and changes in
occupation of buildings and land, 1948

Larger establishments in Great Britain

TABLE 20

	£'000	£'000
1. Capital expenditure on building work (a)		241
2. Existing buildings and land (b)		
(1) Capital cost of freeholds bought	13	
Estimated capital value of		
(11) Rented property newly occupied in the year (c)	261	
(111) Leasehold buildings and land newly occupied in the year	215	
Total of heading 2		489
Total of headings 1 and 2		729
3. Existing buildings and land relinquished (d)		
(1) Selling value of freeholds sold	11	
(11) Estimated value of other properties relinquished	106	
Total of heading 3		117
4. Headings 1 and 2 less heading 3		612

- (a) Excluding site value which, where appropriate, is included in heading 2 (1).
 (b) The figures do not reflect changes in ownership of previously occupied land and buildings.
 (c) Property which is occupied under an agreement for the payment of rent without the purchase of a lease or the payment of a premium.
 (d) Including property destroyed or abandoned.

Summary

Larger establishments

TABLE 21

	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Gross output (production)	44,816	652	5,972	51,440
Cost of materials and fuel used	27,221	435	3,714	31,370
Payment for work done on materials given out	76	6	16	98
Net output	17,520	211	2,242	19,973
Wages and salaries of persons employed	6,553	80	808	7,442
Average number of persons employed	No. 22,828	No. 391	No. 3,004	No. 26,223
Net output per person employed	£ 787	£ 540	£ 746	£ 782
Stocks at end of year	£'000	£'000	£'000	£'000
Finished products and work in progress	2,194	13	423	2,629
Materials and fuel	5,829	38	692	6,560
Number of establishments	No. 247	No. 8	No. 22	No. 277

The values of gross output and of materials and fuel used are derived in the following way:-

	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Output of firms in this trade				
Total value of sales (see Table 23)	45,113	697	6,179	51,989
Adjustment for changes in stocks and work in progress	+ 516	- 33	+ 97	+ 580
Less payment for transport by other firms	45,629	665	6,276	52,569
Gross output (production)	812	13	304	1,129
Materials and fuel used by firms in this trade				
Purchases (see Table 24)	27,647	434	3,849	31,930
Adjustment for changes in stocks	- 426	-	- 135	- 560
Materials and fuel used	27,221	435	3,714	31,370

Summary

Small firms

TABLE 22

	England	Wales	Scotland	Great Britain
Number of returns	166	-	17	183
Average number of persons employed (a)				
Males	459	-	41	500
Females	529	-	61	590
Total	988	-	102	1,090

(a) Including working proprietors.

Sales in the trade

Larger establishments

TABLE 23

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Principal products						
Meat and fish paste in tins, glasses, etc.						
Poultry and/or meat	52	802	-	-	52	802
Fish	..	(a)	..	(a)	86	1,838
Unclassified					37	479
Fish in tins, glasses, etc.						
Herrings	116	732	105	713	222	1,444
Brisling or sild	27	374	29	343	23	394
Other descriptions, including pilchards					32	324
Fish cakes	..	(a)	..	(a)	58	339
Salt						
Processed in containers	44	39	-	-	44	39
'Wrapped cut lumps						
Farinaceous preparations for use as food, including patent and proprietary foods, not specifically medicinal						
Macaroni, spaghetti, vermicelli, noodles and similar products	643	2,137	107	454	750	2,591
Other sorts, not elsewhere specified	76	489	19	79	95	567
Infants' and invalids' foods other than specifically medicinal, not elsewhere specified					190	3,031
Blancmange, custard and similar powders, not including maize starch (cornflour)	..	(a)	..	(a)	433	2,951
Ice cream mixtures and powders					34	258
Pudding and cake mixtures, bun flours and similar products					723	2,566
Self-raising flour	2,884	3,763	141	186	3,025	3,949
Aerating (baking) powders	..	(a)	..	(a)	167	1,197

TABLE 23 - (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Principal products (contd.)						
Nuts, shelled, ground or otherwise prepared (including coconut, desiccated and flaked but not sugared)	49	799	-	-	49	799
Isinglass (excluding brewers' finings)	1	78	-	-	1	78
Soups						
Tinned or bottled	744	2,702	205	852	950	3,554
Other (including soup squares and powders)	67	661	-	-	67	661
Gravy salt and other preparations for gravy making	..	(a)	..	(a)	78	488
Seasonings, stuffings and forcemeat	..	(a)	..	(a)	14 ..	98 11
Chicory, dried (in terms of single dried)	88	178	-	-	88	178
Coffee and coffee and chicory extracts and essences	..	(a)	..	(a)	Th. galls. 1,247 Th. cwts. 202	1,427 3,920
Other powders and essences for beverages except fruit juices and solid soft drinks	2 ..	63 16	-	-	2 ..	63 16
Yeast or vegetable extracts	84	1,130	-	-	84	1,130
Vegetarian foods, not elsewhere specified	35	318	-	-	35	318
Lemon curd and lemon cheese	22	134	-	-	22	134
Bread improvers and the like	..	(a)	..	(a)	217 ..	843 102
Sweet puddings canned	..	(a)	..	(a)	169	1,191
Rennet	..	156	-	-	..	156
Tin greasers and emulsifiers	171	895	-	-	171	895
Honey (processing and packing)	..	(a)	..	(a)	28	208
Custard and similar mixtures in liquid form	7	122	-	-	7	122
Other grocers' sundries	..	694	..	11	..	705

TABLE 23 - (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Principal products (contd.)						
Waste products	..	77	..	3	..	80
Work done for the trade or on commission (b)		78		22		99
Total principal products		34,807		5,241		40,048
Other output						
Preserved meat in tins, glasses, etc.	71	647	-	-	71	647
Meat extracts and essences	10	330	-	-	10	330
Pickles and sauces					193	1,935
Sugar, ground, and otherwise prepared					101	359
Cocoa and sugar confectionery	..	(a)	..	(a)	162	1,484
Preserved vegetables					332	1,315
Preserved fruit	111 ..	683 94	-	-	111 ..	683 94
Table jellies					79	825
Coffee, roasted	..	(a)	..	(a)	35	478
Other food and drink products	..	2,274	..	84	..	2,358
Flavouring essences					..	496
Drugs, medicines and medicinal preparations	..	(a)	..	(a)	..	389
Other goods	..	407	..	3	..	410
Work done (b)		137		-		137
Total		45,810		6,179		51,989

(a) Owing to the risk of disclosure of information relating to individual firms separate particulars cannot be given.

(b) Amount charged.

Purchased materials and fuel

Larger establishments

TABLE 24

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials						
Raw meat					128.2	666
Meat extracts and essences	..	(a)	..	(a)	6.8	280
Other forms of meat (dehydrated, canned, etc.)					12.7	115
Fish						
Marinated herrings	5.4	20	-	-	5.4	20
Other	384.6	979	75.3	105	460.4	1,084
Vegetables					196.1	196
Fresh	..	(a)	..	(a)	..	55
Preserved	..	(a)	..	(a)	173.4	637
Sugar (including invert sugar)	513.1	1,531	86.0	259	599.1	1,790
Nuts	73.4	860	-	-	73.4	860
Wheat flour (including semolina)	4,580.7	4,419	334.3	334	4,914.9	4,753
Fresh fruit						
Oranges	0.2	1	-	-	0.2	1
Other sorts	47.1	112	-	-	47.1	112
Dried fruits	..	(a)	..	(a)	36.1	159
Fruit pulp					..	37
Citrus	4.6	11	-	-	4.6	11
Other sorts	..	(a)	..	(a)	61.3	315
Packing materials						
Tin containers	277.5 Th. gross 821 ..	927 872 265	128.8 Th. gross 12 -	568 13 -	404.3 Th. gross 833 ..	1,495 885 265
Glass bottles and jars	1,828	1,218	228	215	2,056	1,433
Other packing materials	..	3,656	..	573	..	4,230
Unclassified	..	85	-	-	..	85
Molasses, treacle and syrup	Th. cwts. ..	(a)	Th. cwts. ..	(a)	11.9	36
Edible oils and fats	88.9	728	5.8	33	94.6	760

TABLE 24 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials (contd.)						
Maize starch					267.0	632
Coffee	..	(a)	..	(a)	308.1	2,369
Chicory					506.1	302
Mustard seed	-	4	-	-	-	4
Salt	207.8	61	0.9	-	208.7	61
Raw cocoa	..	(a)	..	(a)	24.6	198
Chocolate couverture and block chocolate	-	5	-	-	-	5
All other purchased materials	..	6,632	..	757	..	7,390
Unclassified materials	..	44	-	-	..	44
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	56.6	173	12.8	40	69.5	213
Coke	13.6 Th. B. T. U. (kW. hrs.)	53	0.5 Th. B. T. U. (kW. hrs.)	2	14.1 Th. B. T. U. (kW. hrs.)	56
Electricity purchased						
Electricity obtained from other works under the same ownership	25,243	136	1,946	9	27,190	145
Motor spirit (petrol) and derv. fuel	Th. galls.		Th. galls.		Th. galls.	
Used for road vehicles	669	66	40	4	709	70
Used for other power purposes	1,473	55	11	1	1,485	56
Other oil fuel (including creosote/pitch mixtures)	721	31	22	4	743	36
Gas purchased						
From public supply	1,286	61	70	3	1,356	64
From other sources						
Gas obtained from other works under the same ownership	-	-	-	-	-	-
All other purchased fuel	..	19	..	7	..	26
Total		28,080		3,849		31,930

(a) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given.

Employment and remuneration
Larger establishments

TABLE 25

	England and Wales			Scotland			Great Britain		
	Average number of operatives	Administrative technical and clerical employees (a)	Total	Average number of operatives	Administrative technical and clerical employees (a)	Total	Average number of operatives	Administrative technical and clerical employees (a)	Total
Males									
Under 18	280	74	334	67	10	77	327	84	411
All ages	6,542	3,503	10,045	731	362	1,093	7,273	3,865	11,138
Females									
Under 18	1,351	440	1,791	177	64	241	1,528	504	2,032
All ages	10,711	2,444	13,155	1,581	322	1,903	12,292	2,766	15,058
Total									
Under 18	1,611	514	2,125	244	74	318	1,855	588	2,443
All ages	17,253	5,947 (b)	23,200 (b) (c)	2,312	684 (b)	2,996 (b) (c)	19,565	6,631 (b)	26,196 (b) (c)
	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Total remuneration	3,738	2,895	6,633	483	326	808	4,220	3,221	7,442

(a) Number at September 25, 1948.

(b) There were, in addition, 27 working proprietors (25 males, 2 females) in Great Britain; 17 males, 2 females in England and Wales, and 8 males in Scotland.

(c) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £190,000; £169,000 for England and Wales, and £21,000 for Scotland.

Monthly index of employment of operatives: Larger establishments
(average employment in 1948 = 100)

TABLE 26

Month	Monthly index (a)			Month	Monthly index (a)		
	England and Wales	Scotland	Great Britain		England and Wales	Scotland	Great Britain
1948				1948			
January	106.7	107.5	106.8	August	97.2	96.2	97.1
February	106.5	100.8	105.7	September	98.2	94.9	97.7
March	103.2	97.5	102.4	October	98.1	97.2	98.0
April	99.9	96.0	99.4	November	99.1	112.4	100.9
May	98.8	94.7	98.2	December	94.9	109.6	96.9
June	100.0	95.5	99.4	Percentage employment in this trade covered by the index			
July	97.4	97.2	97.3		48.2	56.2	49.1

(a) The index numbers are calculated from the number of operatives employed in one week in each month returned by larger establishments that made returns for the calendar year 1948.

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