



BOARD OF TRADE

FINAL REPORT
on the
CENSUS OF PRODUCTION
FOR 1948

Volume 8

Trade K

Preserved Fruit and Vegetables

*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).*

LONDON : HIS MAJESTY'S STATIONERY OFFICE

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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 0d. NET

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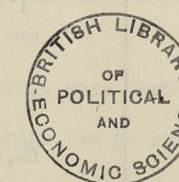
* Not applicable to this trade

PRESERVED FRUIT AND VEGETABLES TRADE

THIS REPORT on the Preserved Fruit and Vegetables Trade relates to establishments engaged wholly or mainly in the manufacture of jam, marmalade, fruit jellies, mincemeat, candied peel, crystallized fruit, potato crisps, table jellies and jelly powders, pickles and sauces, and in preserving fruit and vegetables by canning, bottling, drying, dehydrating or quick-freezing.

This trade corresponds to minimum list heading 157 in the Standard Industrial Classification.

Establishments in this trade in Northern Ireland (which are excluded in 1948) accounted in 1937 and 1935 for less than 1 per cent. of the net output for the United Kingdom.



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Corrigendum

Page 9/E/14. Table 24, footnote (b). FOR underhand, READ individual.
 Board of Trade. November, 1951
 LONDON: HIS MAJESTY'S STATIONERY OFFICE

FOOD, DRINK AND TOBACCO
PRESERVED FRUIT AND VEGETABLES TRADE

Summary
Larger establishments

TABLE 1

	1948 (a)	1937 (b)	1935 (b)
Gross output (production)	£'000 78,406	£'000 21,491	£'000 19,463
Cost of materials and fuel used	53,515	13,830	12,254
Payment for work done on materials given out	392	-	1
Net output	24,499	7,661	7,208
Wages and salaries of persons employed	10,375 No.	.. No.	.. No.
Average number of persons employed (c)	44,121(d)	29,831	29,522
Net output per person employed (c)	£ 555 £'000	£ 257 £'000	£ 244 £'000
Stocks at end of year			
Finished products and work in progress	6,126	..	..
Materials and fuel	9,688 No.	.. No.	.. No.
Number of establishments	320	..	260

- (a) Great Britain only.
 (b) United Kingdom.
 (c) Excluding outworkers.
 (d) 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:-

	1948	1937	1935
	£'000	£'000	£'000
Output of firms in this trade			
Total value of sales (1948) or production (1937 and 1935)			
Principal products (see Table 8)	69,654	17,938	15,741
Other output (see Table 10)	10,004	3,553	3,722
Adjustment for changes in stocks and work in progress (see Table 14)	+613	..	..
	80,271	21,491	19,463
Less payment for transport by other firms	1,865		
Gross output (production)	78,406	21,491	19,463
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	54,988	13,830	12,254
Adjustment for changes in stocks (see Table 14)	-1,473		
Materials and fuel used	53,515	13,830	12,254

Summary, 1948

Small firms in Great Britain

TABLE 2

• Number of returns	120
Average number of persons employed (a)	
Males	291
Females	504
Total	795

(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)	44,121
Employing on average ten persons or less (b)	795
	44,916
Estimated average employment in firms not making satisfactory returns	337
Estimated average employment in all firms	45,253

- (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	
11-24	No. 64	£'000 1,472	£'000 524	No. 1,128	£'000 163	£'000 73	£'000 236	£ 465
25-49	67	3,455	1,298	2,350	377	148	525	552
50-99	72	8,110	2,723	5,273	796	356	1,152	516
100-199	64	16,177	5,299	9,160	1,469	670	2,139	579
200-299	23	9,531	3,147	5,503	924	406	1,330	572
300-399	10	7,318	1,857	3,506	605	184	789	530
400-749	12	12,942	3,961	7,056	1,179	395	1,574	561
750-999	3	5,012	1,183	2,490	433	130	563	475
1,000-and over	5	14,389	4,505	7,655	1,378	689	2,067	589
Total	320	78,406	24,499	44,121	7,324	3,051	10,375	555

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
England	No.	£'000	£'000		No.	£'000	£'000	£'000
Northern	19	1,952	495	2.0	1,263	190	55	245
East and West Ridings of Yorkshire	29	6,195	2,223	9.1	3,717	572	275	847
North Midland	27	6,251	1,996	8.1	3,859	594	233	826
Eastern	25	10,262	3,054	12.5	5,880	1,076	367	1,442
London and South Eastern	78	22,322	7,023	28.7	12,078	2,180	920	3,100
Southern	9	2,995	811	3.3	1,479	234	105	339
South Western	18	2,615	843	3.4	1,638	231	85	315
Midland	31	7,133	2,661	10.9	3,771	605	361	966
North Western	49	12,296	3,547	14.5	6,326	984	422	1,406
Total England	285	72,022	22,653	92.5	40,011	6,664	2,822	9,487
Wales	6	406	148	0.6	333	56	16	72
Scotland	29	5,977	1,698	6.9	3,777	604	212	816
Great Britain	320	78,406	24,499	100.0	44,121	7,324	3,051	10,375

Analysis according to specialisation within the trade, 1948

Larger establishments in Great Britain

TABLE 6

	Establishments	Gross output	Sales of characteristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Wages	Salaries	Total	
Specialist producers of	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Jams, marmalade and mincemeat	116	41,624	33,168	10,563	20,538	3,336	1,387	4,723	514
Fruit and vegetables, canned and bottled	19	2,062	1,272	809	1,242	218	54	272	651
Pickles and sauces	106	9,465	7,545	4,202	6,610	1,016	591	1,607	636
Remainder of the trade	79	25,234		8,924	15,731	2,754	1,019	3,773	567
Total	320	78,406		24,499	44,121	7,324	3,051	10,375	555

TABLE 7 - Total make of intermediate products: Larger establishments.

This table is not applicable to the 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(a) Sales			1937(b)(c) Production		1935(b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Preserved fruit							
Marmalade and jams							
Marmalade	968	5,225	118	1,225	2,420	1,085	2,033
Jams (including jelly jams)	4,205	24,304	137	2,415	5,093(d)	2,499	5,029(d)
Unclassified	774	4,272	27	-	-	-	-
Mincedmeat	185	1,187	115	258	565	251	560
Fruit preserved without sugar, canned or bottled							
Gooseberries	14	121	45	23	40	22	38
Plums (including damsons and greengages)	54	323	60	67	103(e)	40	79(e)
Apples	9	35	14	..	(f)	..	(f)
Other kinds	17	138	38	29	49	36	119
Unclassified	-	-	-	34	109	5	10
Fruit canned or bottled in syrup							
Gooseberries	18	100	32	18	32	13	24
Plums (including damsons and greengages)	662	2,668	57	207	309(e)	66	123(e)
Blackberries	3	29	13	..	(f)	..	(f)
Cherries	45	431(g)	30	23	96	21	92
Strawberries	12	141(g)	23	62	236	34	136
Apples (including purée) (g)	54	262	14	-	-	-	-
Other kinds	37	351	22	87	258	127	316
Unclassified	18	94	..	110	270	99	295
Fruit, crystallised, glacé or Metz, and drained	18	341	23	58	315	55	273
Candied or drained peel	126	846	38	162	456	206	471
Other kinds of preserved fruit, (including fruit pectin) (h)	26	172	12	6	30	21	64
Unclassified preserved fruit	-	-	-	53	60	-	-

TABLE 8 (contd.)

	1948(a) Sales			1937(b)(c) Production		1935(b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Fruit, frozen	24	243	11	..	(f)	..	(f)
Fruit pulp (h)	446	1,492	50	..	(f)	..	(f)
Ginger, preserved (g)	1	27	5	3	13	2	12
Table jellies							
Squares	255	2,257	31	510	1,514	487	1,449
Powders, crystals and compounds	78	685	51	..	(f)	..	(f)
Bottled jellies, other than jelly jams	-	3	..	8	51	7	53
Potato crisps	169	1,724	18	218	997(g)	183	792(g)
Vegetables, dried, other than peas, beans, etc. air-dried and cleaned	5	122	14	..	(f)	..	(f)
Vegetables (including olives), preserved in salt or brine	149	473	18	2	26	6	14
Vegetables, frozen	84	539	12	-	-	-	-
Vegetables, dehydrated	133	1,043	12	-	-	-	-
Vegetables preserved in air-tight containers							
Homogenised baby foods	78	544	5	..	(f)	..	(f)
Beans in tomato sauce	1,167	4,193	34	..	(f)	..	(f)
Peas							
Fresh	307	1,297	24	1,593	2,862	1,214	2,152
Processed	1,555	4,735	33	..	(f)	..	(f)
Rhubarb	196	875	56	..	(f)	..	(f)
Other descriptions	702	2,344	54	..	(f)	..	(f)
Pickles and sauces							
Pickles	603	4,400	120	340	905(j)	386	938(j)
Chutney	36	308	35	29	132	..	(f)

TABLE 8 (contd.)

	1948(a)			1937(b) (c)		1935(b)	
	Sales			Production		Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Pickles and sauces (contd.)							
Sauces	728	5,699	106				
Salad cream (including mayonnaise)	79	900	28	621	2,378	645	2,241
Relishes	8	87	14				
	..	14					
Sandwich spread (g)	27	353	6	-	-	-	-
Unclassified	28	33	..	-	-	-	-
Waste products	..	127	59	..	(k)	..	(k)
Work done for the trade or on commission		301(1)	34		-		4(1)
Total		76,420	..		19,672		17,317
Less sales (or production) in other trades (see Table 9)		6,766	..		1,734		1,576
Total principal products of this trade sold or made by establishments in the trade		69,654	301		17,938		15,741

(a) Great Britain only.

(b) United Kingdom.

(c) Firms classified to the trades not covered by the 1937 Inquiry recorded the following output for 1935:-

	Th. cwts.	£'000
Jams (including jelly jams)	7	20
Mincemeat	1	3
Unclassified fruit canned or bottled in syrup	2	3
Other descriptions of vegetables preserved in airtight containers	6	8
Pickles and sauces		
Pickles	11	21
Other kinds	31	43

(d) Described as "Jams and fruit jellies".

(e) Described as "Plums".

(f) Not recorded separately.

(g) So far as recorded separately.

(h) Excluding apple pomace and apple pectin for which see the Soft Drinks, British Wines and Cider Trade (Volume 9, Trade M).

(j) Described as "Pickles and vegetables preserved in vinegar".

(k) Not recorded.

(l) Amount charged in 1948 and amount received in 1935.

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

Larger establishments

TABLE 9

	1948(a)			1937(b)		1935(b)	
	Sales			Production		Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Preserved fruit							
Marmalade and jams							
Marmalade	38	220	15	62	134	59	139
Jams (including jelly jams)	124	693	29	91	208	109	267
Unclassified	6	32	..	-	-	-	-
Mincemeat	7	39	14	13	28	12	33
Fruit preserved without sugar, canned or bottled	3	26	..	12	12	3	6
	..	37					
Fruit canned or bottled in syrup	28	155	..	21	73	14	30
Fruit, crystallised, glacé or Metz, and drained	2	48	11	14	77	11	57
				..	50		
Candied or drained peel	24	167	..	17	53	28	69
Other kinds of preserved fruit	20	143	7	2	15	2	17
	..	88					
Fruit, frozen and fruit pulp	5	34	..	-	-	-	-
Table jellies							
Squares	115	1,011	10				
Powders, crystals and compounds	46	531	38	192	612	193	575
Bottled jellies, other than jelly jams	-	-	-	3	22	2	18
Potato crisps	4	64	10	11	45	-	-
Vegetables, dried, other than peas, beans, etc. air-dried and cleaned	1	39	7	-	-	-	-
Vegetables (including olives), preserved in salt or brine; and vegetables, dehydrated	4	62	6	1	7	1	6

TABLE 9 (contd.)

	1948(a) Sales			1937(b) Production		1935(b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Vegetables preserved in air-tight containers							
Beans in tomato sauce	208	774	9	184	245	138	189
Peas	97	319	..				
Other descriptions, including rhubarb	22 ..	107 60	14				
Pickles and sauces							
Pickles	115	1,080	15	9	46	21	62
Chutney	4	41	5	1	3	-	-
Sauces	71	662	12	23	104	40	108
Salad cream (including mayonnaise)	13	152	8				
Relishes and sandwich spread	..	70	..				
Unclassified	28	33	..	-	-	-	-
Work done for the trade or on commission		78(c)	..				
Total		6,766	..		1,734		1,576

- (a) Great Britain only.
(b) United Kingdom.
(c) Amount charged.

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

Larger establishments

TABLE 10

	1948(a) Sales		1937(b) Production		1935(b) production	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Preserved meat in tins, glasses, etc.	24	117	39	188	55	219
Meat and fish pastes in tins or glasses	46	684	15	135	22	220
Sausages, brawn, meat pies, etc.	25	132	..	179	..	214
Cocoa and sugar confectionery	52	556	45	128	83	275
Vinegar	Th. galls. 5,100	979	Th. galls. 3,814	188	Th. galls. 2,968	164
Fruit juices	64	44 76	498	128	514	151
Soups (including soup squares and powders)	Th. cwts. 674	2,581	Th. cwts. 294	768	Th. cwts. 189	514
Coffee and chicory essences and extracts	13	112	14	75	11	54
Blancmange, custard and similar powders	10	63	39	99	36	144
Lemon curd and lemon cheese	122	638	93	228	98	230
Puddings (including fruit puddings)	145	1,180	34	123	28	117
Self-raising flour	10	14	170	148	43	32
Cake mixtures	15	61	..	51	..	76
Other food and drink products	..	2,135	..	1,109	..	1,276
Other goods	..	398	..	6	..	18
Work done		233(c)		-		18(c)
Total		10,004		3,553		3,722

- (a) Great Britain only.
(b) United Kingdom.
(c) Amount charged in 1948 and amount received in 1935.

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	1,660	2.1
Export sales organisations (including branches abroad)	95	0.1
Other wholesale or selling organisations	10,202	12.9
Retail shops, etc.	2,402	3.0
Total sales (or transfers) to other organisations under the same control	14,360	18.1
Sales to independent buyers		
Exports invoiced directly overseas	683	0.9
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	128	0.2
His Majesty's Government and Local Authorities (other than productive establishments)	1,924	2.4
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	1,592	2.0
Wholesalers, merchants and other agents for resale	24,908(a)	31.4
Retailers, including multiple shops, caterers and N.A.A.F.I., for resale	30,272	38.2
Other businesses (including farmers) and institutions of all kinds	413	0.5
Members of the public, including employees	80	0.1
Unclassified	4,843	6.1
Total sales to independent buyers	64,843	81.9
Total	79,203	100.0

(a) Of this total £24,050,000 was recorded as divided between £97,000 for export and £23,953,000 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.
Preserved fruit			
Marmalade	1948 968	20	602
Jams (including jelly jams)	1948 4,205	43	317
Total marmalade and jams	{ 1948 5,947(d) 1937 3,640(e)	83 91	919 19
Fruit preserved without sugar, canned or bottled			
Gooseberries	{ 1948 14 1937 23	..	1 -
Apples	{ 1948 9 1937 ..	..	1 126
Other kinds	{ 1948 76(f) 1937 ..	..	34 114
Total fruit preserved without sugar, canned or bottled	{ 1948 99(f) 1937 153	2 7	36 240
Fruit canned or bottled in syrup			
Plums (including damsons and greengages)	{ 1948 662 1937 207(g)	..	- 3
Other kinds	{ 1948 187 1937 ..	..	788 3,351
Total fruit canned or bottled in syrup	{ 1948 849 1937 561(f)	6 7	789 3,355
Fruit, crystallised, glacé or Metz, and drained	{ 1948 18 1937 67(f)	- 2	84 69
Candied or drained peel	{ 1948 126 1937 162	1 3	28 1
Other kinds of preserved fruit, including dried fruit, fruit pulp and frozen fruit	{ 1948 509(f) 1937 ..	3 32	3,531 3,475
Ginger, preserved	{ 1948 1 1937 3	..	80 66
Table jelly squares, powders, crystals and compounds	1948 331	13	1

TABLE 12 (contd.)

		Production(b) (c)	Exports	Retained imports
		Th. cwts.	Th. cwts.	Th. cwts.
Vegetables (including olives) preserved in salt or brine	1948	149	1	162
	1937	2	1	272
Vegetables, frozen	1948	84	..	44
Vegetables, preserved in airtight containers				
Beans in tomato sauce	1948	1,167	..	39
Other descriptions	1948	2,910(f)	..	1,038
Total vegetables preserved in airtight containers	1948	4,077(f)	88	1,077
	1937	1,593	35	1,520
Chutney	1948	36	1	30
	1937	29	1	12
Sauces	1948	728	25	61
Salad cream (including mayonnaise)	1948	79	8	..
Relishes	1948	9(f)	5	..
Total sauces, salad cream and relishes	1948	816(f)	37	84
	1937	621	55	106

- (a) Figures of sales (or production) refer only to larger establishments in Great Britain (1948) or the United Kingdom (1937). 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) Including 774,000 cwts. recorded as unclassified.
- (e) Described as "Jams and fruit jellies."
- (f) Partly estimated.
- (g) Described as "Plums".

Purchased materials and fuel

Larger establishments

TABLE 13

	1948 (a)		1937 (b)		1935 (b)	
	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						
Vegetables						
Potatoes (c)	1,177	599	2,109	1,264	1,670	1,016
Other sorts (including rhubarb)						
Fresh	2,312	2,285				
Preserved	1,148	3,511				
Fresh fruit						
Oranges	240	568	2,101	2,444(d)	1,757	2,284(d)
Other sorts	1,924	5,222				
Fruit pulp						
Citrus	138	292				
Other sorts	1,173	5,299				
Dried fruits	108	499				
Sugar (including invert sugar)	4,529	13,442	3,116	2,797	3,136	2,631
Apple pectin	298	470	79	70	..	(e)
Packing materials						
Tin containers	578 Th. gross 3,371	1,989	..	3,459	..	(e)
Glass bottles and jars	4,665	3,736				
Other packing materials	..	4,294				
Apple pomace	5 Th. cwts.	9				
Molasses, treacle and syrup	116	178				
Edible oils and fats	132	936	..	(e)	..	(e)
Tomato purée	171	1,097				
Barley (unmalted)	39	52				
Malt	28	71				

TABLE 13 (contd.)

	1948(a)		1937(b)		1935(b)	
	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 (contd.)						
Mustard seed	1	7				
Mustard	3	22				
Salt	58	19				
Acetic acid (including non-brewed vinegar) in terms of 100% acid	16	60	..	(e)	..	(e)
Vinegar (malt, wine and spirit)	Th. galls. 2,828	250				
Vinegar and other condiments, unclassified	..	112				
All other and unclassified purchased materials	..	5,690	..	3,422	..	6,129(f)
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	199.3	586	128.7	157	111.3	116
Coke	18.2	75	..	(e)	10.9	16
Electricity purchased (g)	Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)	
From public supply	28,370	158				
From other sources (including electricity obtained from other works under the same ownership)	517	4	12,001	50	10,978	53
Motor spirit (petrol) and deriv. fuel	Th. galls.		Th. galls.		Th. galls.	
Used for road vehicles	1,526	142	..	(e)	..	(e)
Used for other power purposes	84	5				
Other oil fuel (including creosote/pitch mixtures)	1,877	69	..	(e)	576	9(h)
Gas purchased	Th. therms					
From public supply	1,570	69				
From other sources	Th. cu. ft. 14,005	3	..	155	..	(e)
Gas obtained from other works under the same ownership	-	-				
All other purchased fuel	..	20				
Total		54,988		13,830		12,254

- (a) Great Britain only.
 (b) United Kingdom.
 (c) So far as recorded separately.
 (d) Described as "Fruit".
 (e) Not recorded separately.
 (f) Including fuel not specified separately.
 (g) The total quantity of electricity consumed in 1948 was 33,503,000 B.T. units, including 4,617,000 generated in the same works.
 (h) 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				
Marmalade and jams (including jelly jams)	448	1,936	402	1,672
Fruit canned or bottled in syrup (except rhubarb)	93	296	71	232
Preserved vegetables	510	1,243	507	1,493
Pickles and sauces	18	105	23	131
Other finished products	..	24	..	32
Work in progress	..	1,106	..	1,710
Total finished products and work in progress		860		857
Materials and fuel		5,513		6,126
Sugar (including invert sugar)	366	1,016	224	662
Other descriptions of materials and fuel	..	7,199	..	9,026
Total materials and fuel		8,215		9,688

Employment and remuneration (a)

Larger establishments

TABLE 15

	Average number of operatives			Administrative, technical and clerical employees (b)			Total		
	1948(c)	1937(d)	1935(d)	1948(c)	1937(d)	1935(d)	1948(c)	1937(d)	1935(d)
Males									
Under 18	639	535	511	91	105	85	730	640	596
All ages	11,120	7,174	7,013	4,481	3,431	3,391	15,601	10,605	10,404
Females									
Under 18	2,430	4,315	4,273	537	326	214	2,967	4,641	4,487
All ages	25,266	17,480	17,461	3,172	1,746	1,657	28,458	19,226	19,118
Total									
Under 18	3,069	4,850	4,784	628	431	299	3,697	5,281	5,083
All ages	36,406	24,654	24,474	7,653(d)	5,177	5,048	44,059 (e) (f) (g)	29,831	29,522
Total remuneration	£'000			£'000			£'000		
	7,324	..	..	3,051	..	..	10,375	..	..

(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	15 males	573 females
Other workers	90 males	60 females

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

(c) Great Britain only.

(d) United Kingdom.

(e) There were, in addition, 62 working proprietors (47 males and 15 females) in 1948. Working proprietors are included in the 1937 and 1935 figures.

(f) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £307,000.

(g) 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	1,022	
Maintenance and repair of firms' buildings, but not plant	392	
Research work not directly connected with current production however charged	5	38

In addition to the employees in the above table the firms in this trade employed 3 male and 96 female outworkers in 1948, the amount paid to them being £7,000. Similar information is not available for 1937 and 1935.

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	7,324	2,778	22.3	23.4	27.6	26.7	100.0		
Administrative, technical and clerical employees	3,051	1,208	24.0	24.0	25.0	27.0	100.0		
Total	10,375	3,986	22.9	23.6	26.8	26.8	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 £392,000.

Payments for certain services, 1948

Larger establishments in Great Britain

TABLE 18

	Amount paid
Repair and maintenance	£'000
Of buildings	187
Of plant, machinery and vehicles	467
Unclassified	393
Hire of plant, machinery and vehicles	80 (a)
Advertising and market research	
Advertising in newspapers, magazines and periodicals	253
Other advertising services (poster display, despatch of circulars, etc.) and market research	163
Unclassified	250
Payments made for research work	
To research associations	9
To universities, institutions, academic bodies and similar agencies	1
To other commercial concerns	5
Postage, telephone, telegrams and cables	166
Commercial insurance premiums	165
Rates (excluding water rates) payable in the year	81

(a) Including £14,000 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	1,152	25	22
Vehicles	373	58	68
Total	1,525	83	100

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)		201
2. Existing buildings and land (b)		
(1) Capital cost of freeholds bought	57	
Estimated capital value of		
(11) Rented property newly occupied in the year (c)	74	
(111) Leasehold buildings and land newly occupied in the year	14	
Total of heading 2		145
Total of headings 1 and 2		346
3. Existing buildings and land relinquished (d)		
(1) Selling value of freeholds sold	46	
(11) Estimated value of other properties relinquished	3	
Total of heading 3		49
4. Headings 1 and 2 less heading 3		297

- (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)	72,022	406	5,977	78,406
Cost of materials and fuel used	49,002	259	4,254	53,515
Payment for work done on materials given out	368	-	25	392
Net output	22,653	148	1,698	24,499
Wages and salaries of persons employed	9,487	72	816	10,375
Average number of persons employed (a)	No. 40,011	No. 333	No. 3,777	No. 44,121
Net output per person employed (a)	£ 566	£ 443	£ 450	£ 555
Stocks at end of year	£'000	£'000	£'000	£'000
Finished products and work in progress	5,759	22	345	6,126
Materials and fuel	8,954	40	695	9,689
Number of establishments	No. 285	No. 6	No. 29	No. 320

(a) Excluding outworkers.

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)	73,155	394	6,109	79,658
Adjustment for changes in stocks and work in progress	+585	+16	+12	+613
Less payment for transport by other firms	1,718	4	143	1,865
Gross output (production)	72,022	406	5,977	78,406
Materials and fuel used by firms in this trade				
Purchases (see Table 24)	50,261	237	4,490	54,988
Adjustment for changes in stocks	-1,258	+21	-236	-1,473
Materials and fuel used	49,002	259	4,254	53,515

Summary

Small firms

TABLE 22

	England	Wales	Scotland	Great Britain
Number of returns	105	7	8	120
Average number of persons employed (a)				
Males	262	11	18	291
Females	428	45	31	504
Total	690	56	49	795

(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						
Preserved fruit						
Marmalade and jams						
Marmalade	811	4,346	119	659	930	5,005
Jams (including jelly jams)	3,519	20,560	562	3,051	4,081	23,611
Unclassified	712	3,928	57	312	769	4,240
Mincedmeat	173	1,118	5	30	178	1,149
Fruit preserved without sugar, canned or bottled						
Apples	9	35	-	-	9	35
Other kinds	..	(a)	..	(a)	81	556
Fruit canned or bottled in syrup						
Strawberries	..	(a)	..	(a)	12	141
Apples (including purée)	54	262	-	-	54	262
Other kinds	..	(a)	..	(a)	756	3,524
Fruit, crystallised, glacé or Metz, and drained	16	293	-	-	16	293
Candied or drained peel	..	(a)	..	(a)	101	680
Other kinds of preserved fruit, including fruit pectin	5	28	-	-	5	28
	..	8	..	..	..	8
Fruit, frozen and fruit pulp	..	(a)	..	(a)	464	1,701
Ginger, preserved	1	27	-	-	1	27
Table jellies						
Squares	..	(a)	..	(a)	140	1,246
Powders, crystals and compounds	28	337	1	18	30	354
Bottled jellies, other than jelly jams	-	3	-	-	-	3
Potato crisps	..	(a)	..	(a)	165	1,660

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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.)						
Vegetables, dried, other than peas, beans, etc., air-dried and cleaned	3	82	-	-	3	82
Vegetables (including olives) preserved in salt or brine; and vegetables, dehydrated	..	(a)	..	(a)	278	1,455
Vegetables, frozen	..	(a)	..	(a)	84	539
Vegetables preserved in air-tight containers						
Homogenised baby foods	78	544	-	-	78	544
Beans in tomato sauce	960	3,419	-	-	960	3,419
Peas	..	(a)	..	(a)	1,766	5,713
Other descriptions, including rhubarb	..	(a)	..	(a)	876	3,111
					..	182
Pickles and sauces						
Pickles	458	3,124	31	195	489	3,319
Chutney	..	(a)	..	(a)	32	267
Sauces	610	4,780	47	257	657	5,037
Salad cream (including mayonnaise)	..	(a)	..	(a)	66	749
Relishes and sandwich spread	30	363	-	-	30	363
Waste products	..	115	..	12	..	127
Work done for the trade or on commission		(a)		(a)		223
Total principal products		63,865		5,789		69,654
Other output						
Preserved meat in tins, glasses, etc.	24	117	-	-	24	117
Meat and fish pastes in tins or glasses	46	684	-	-	46	684
Sausages, brawn, meat pies, etc.	25	132	-	-	25	132
Cocoa and sugar confectionery	49	531	4	25	52	556

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TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. galls.	£'000	Th. galls.	£'000	Th. galls.	£'000
Other output (contd.)						
Vinegar	4,832	929	269	50	5,100	979
Fruit juices	..	(a)	..	(a)	64 ..	44 76
	Th. cwts.		Th. cwts.		Th. cwts.	
Soups (including soup squares and powders)	670	2,566	4	16	674	2,581
Coffee and chicory essences and extracts	13	109	-	3	13	112
Blancmange, custard and similar powders	8	56	2	7	10	63
Lemon curd and lemon cheese	118	618	3	20	122	638
Puddings (including fruit puddings)	141	1,149	4	31	145	1,180
Self-raising flour	5	6	5	8	10	14
Cake mixtures	15	61	-	-	15	61
Other food and drink products	..	2,028	..	108	..	2,135
Other goods	..	346	..	52	..	398
Work done (b)		233		-		233
Total		73,550		6,109		79,658

(a) Owing to the risk of disclosure of information relating to individual firms, separate figures 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						
Vegetables						
Potatoes	..	(a)	..	(a)	1,177	599
Other sorts (including rhubarb)						
Fresh	2,194	2,166	119	119	2,312	2,285
Preserved	1,134	3,459	14	52	1,148	3,511
Fresh fruit						
Oranges	215	511	24	57	240	568
Other sorts	1,853	4,996	71	226	1,924	5,222
Fruit pulp						
Citrus	118	251	20	41	138	292
Other sorts	1,000	4,466	173	833	1,173	5,299
Dried fruits	105	485	3	14	108	499
Sugar (including invert sugar)	3,997	11,844	532	1,598	4,529	13,442
Apple pectin	263	411	36	59	298	470
Packing materials						
Tin containers	564 3,280	1,934 3,034	14 91	55 116	578 3,371	1,989 3,151
Glass bottles and jars	4,298	3,458	366	278	4,665	3,736
Other packing materials	..	4,044	..	250	..	4,294
Apple pomace	5	8	1	1	5	9
Molasses, treacle and syrup	116	178	-	-	116	178
Edible oils and fats	126	898	5	38	132	936
Tomato purée	169	1,079	2	17	171	1,097
Barley (unmalted)	39	52	-	-	39	52
Malt	28	71	-	-	28	71

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.)						
Mustard seed	..	(a)	..	(a)	1	7
Mustard	3	22	-	-	3	22
Salt	55	17	3	1	58	19
Acetic acid (including non-brewed vinegar) in terms of 100% acid	14	50	3	10	16	60
Vinegar (malt, wine and spirit)	Th. galls. 2,556	221	Th. galls. 271	29	Th. galls. 2,828	250
Vinegar and other condiments, unclassified	..	107	..	4	..	112
All other and unclassified purchased materials	..	5,337	..	353	..	5,690
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	172.2	516	27.2	70	199.3	586
Coke	18.2	75	0.1	-	18.2	75
Electricity purchased	Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)	
From public supply	25,278	142	3,092	16	28,370	158
From other sources, including electricity obtained from other works under the same ownership	..	(a)	..	(a)	517	4
Motor spirit (petrol) and derv. fuel	Th. galls.		Th. galls.		Th. galls.	
Used for road vehicles	1,397	130	130	12	1,526	142
Used for other power purposes	84	5	-	-	84	5
Other oil fuel (including creosote/pitch mixtures)	1,875	68	2	-	1,877	69
Gas purchased	Th. therms 1,486	67	Th. therms 84	3	Th. therms 1,570	69
From public supply	Th. cu.ft. 5,461	2	Th. cu.ft. 8,544	1	Th. cu.ft. 14,005	3
From other sources	-	-	-	-	-	-
Gas obtained from other works under the same ownership	-	-	-	-	-	-
All other purchased fuel	..	8	..	11	..	20
Total		50,498		4,490		54,988

(a) Owing to the risk of disclosure of information relating to individual firms, separate figures 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	558	81	639	81	10	91	639	91	730
All ages	10,248	4,211	14,459	872	270	1,142	11,120	4,481	15,601
Females									
Under 18	2,220	470	2,690	210	67	277	2,430	537	2,967
All ages	22,970	2,865	25,835	2,316	307	2,623	25,286	3,172	28,458
Total									
Under 18	2,778	551	3,329	291	77	368	3,069	628	3,697
All ages	33,218	7,076 (b)	40,294 (b) (c)	3,188	577 (b)	3,765 (b) (c)	36,406	7,653 (b)	44,059 (b) (c)
Total remuneration	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
	6,720	2,839	9,559	604	212	816	7,324	3,051	10,375

(a) Number at September 25, 1948.

(b) There were, in addition, 62 working proprietors (47 males and 15 females) in Great Britain; 36 males and 14 females in England and Wales, and 11 males and 1 female 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 £307,000; £280,000 for England and Wales, and £27,000 for Scotland.

In addition to the employees in the above table the firms in this trade in England and Wales employed 3 male and 96 female outworkers in 1948, the amount paid to them being £7,000.

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	94.8	105.5	95.8	August	109.9	99.9	108.9
February	93.8	102.8	94.7	September	105.8	102.8	105.5
March	89.1	96.6	89.9	October	104.1	105.0	104.2
April	89.1	94.0	90.0	November	110.7	108.1	110.4
May	92.4	92.2	92.4	December	100.8	104.8	101.2
June	103.3	92.3	102.2				
July	106.3	95.8	105.2	Percentage employment in this trade covered by the index	37.8	43.0	38.3

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

14 MAY '53

REF