



BOARD OF TRADE

FINAL REPORT
on the
CENSUS OF PRODUCTION
FOR 1948

Volume 8

Trade J

Cocoa, Chocolate and Sugar Confectionery

*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

1951

PRICE 3s .0d NET

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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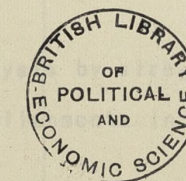
* Not applicable to this trade

COCOA, CHOCOLATE AND SUGAR CONFECTIONERY TRADE

THIS REPORT on the Cocoa, Chocolate and Sugar Confectionery Trade relates to establishments engaged wholly or mainly in the manufacture of cocoa butter and powder, drinking chocolate and chocolate confectionery of all kinds, boiled sweets, toffee, caramels, marzipan, licorice, chewing gum and all other types of sweets.

This trade corresponds to minimum list heading 156 in the Standard Industrial Classification.

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



FOOD, DRINK AND TOBACCO
COCOA, CHOCOLATE AND SUGAR CONFECTIONERY TRADE

Summary
Larger establishments

TABLE 1

	1948(a)	1937(b)	1935(b)
	£'000	£'000	£'000
Gross output (production)	90,262	41,833	36,856
Cost of materials and fuel used	60,044	24,618	19,420
Payment for work done on materials given out	180	..	..
Net output	30,037	17,215	17,436
Wages and salaries of persons employed	14,322	..	..
Average number of persons employed (c)	No. 53,859 (d)	No. 76,066	No. 74,207
Net output per person employed (c)	£ 558 £'000	£ 226 £'000	£ 235 £'000
Stocks at end of year			
Finished products and work in progress	7,005	..	..
Materials and fuel	14,418	..	..
Number of establishments	No. 313	No. ..	No. 362

(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)	84,521	39,145	34,628
Other output (see Table 10)	5,575	2,688	2,228
Adjustment for changes in stocks and work in progress (see Table 14)	+ 1,376	..	..
Less payment for transport by other firms	91,472 1,210	41,833	36,856
Gross output (production)	90,262	41,833	36,856
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	62,912	24,618	19,420
Adjustment for changes in stocks (see Table 14)	-2,868		
Materials and fuel used	60,044	24,618	19,420

Summary, 1948
Small firms in Great Britain

TABLE 2

Number of returns	414
Average number of persons employed (a)	
Males	983
Females	1,171
Total	2,154

(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)	53,859
Employing on average ten persons or less (b)	2,154
	56,013
Estimated average employment in firms not making satisfactory returns	140
Estimated average employment in all firms	56,153

(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	94	2,303	919	1,770	263	147	410	519
25-49	75	3,803	1,331	2,576	383	209	592	517
50-99	50	6,196	2,197	3,556	567	337	904	618
100-199	42	10,888	4,088	5,629	914	586	1,500	701
200-299	18	7,358	2,344	4,458	703	377	1,080	526
300-399	9	4,268	1,650	3,148	491	234	724	524
400-499	4	3,526	1,007	1,800	291	137	428	560
500-749	10	10,649	3,309	6,010	1,114	521	1,635	551
750-999	6	7,238	2,557	5,346	909	347	1,256	478
1,000 and over	5	34,034	10,634	19,366	4,080	1,712	5,792	549
Total	313	90,262	30,037	53,859	9,715	4,607	14,322	558

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	26	3,182	1,133	3.8	2,183	283	185	468
East and West Ridings of Yorkshire	40	19,390	7,178	23.9	13,660	2,514	966	3,480
North Midland	13	723	299	1.0	537	74	54	128
Eastern	15	3,634	1,250	4.2	2,240	349	208	557
London and South Eastern	81	19,181	5,908	19.7	10,878	1,910	910	2,820
Southern; and South Western	20	10,024	3,671	12.2	4,879	975	589	1,563
Midland	25	19,917	5,682	18.9	9,862	2,110	1,005	3,115
North Western	45	7,349	2,636	8.7	4,804	761	407	1,168
Total England	265	83,401	27,758	92.4	49,043	8,975	4,323	13,299
Wales	10	1,733	451	1.5	839	130	93	223
Scotland	38	5,128	1,828	6.1	3,977	610	191	801
Great Britain	313	90,262	30,037	100.0	53,859	9,715	4,607	14,322

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	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist producers of									
Cocoa and chocolate	94	62,272	54,010	19,036	34,632	6,778	3,014	9,792	550
Sugar confectionery	197	24,780	21,105	9,413	17,341	2,605	1,415	4,020	543
Remainder of trade	22	3,210		1,588	1,886	333	178	511	842
Total	313	90,262		30,037	53,859	9,715	4,607	14,322	558

Total make of intermediate products

Larger establishments

TABLE 7

	Returned in this trade (a)	
	1948	
	Quantity	Entries
	Th. cwts.	No.
Cocoa butter	403	18

(a) No output was recorded in other trades.

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) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Cocoa preparations							
Cocoa powder	460	4,892	24	305	1,857	308	1,778
Drinking chocolate (including chocolate in flake or other forms intended for drinking purposes)	65	591	15				
Chocolate intended for further manufacture sold as such (block, couverture, bakers' covering compounds, granulettes, etc.)	416	5,296	51	340	1,109(c)	328	1,008(c)
Moulded solid blocks or bars with or without fruit or nuts, including vitamin chocolate	834	11,835	52	1,641	8,435	1,516	7,184
Moulded solid, hollow or filled figures or novelties sold at a price per unit	8 ..	129 41	21	82	674(d)	83	680(d)
Moulded blocks or bars with soft or hard centres (excluding chocolate biscuits sold as "biscuits")	367	4,746						26	..	(e)	..	(e)
Other chocolate confectionery							
Sold by weight (f)	1,320	20,447	156	1,481	7,945	1,285	7,061
Sold by count (g)	410	5,045	47	1,011	4,305	751	2,969
Other sorts of cocoa preparations	200	1,396	16	142	306	102	214
Total cocoa preparations	..	54,417	..	5,002	24,631	4,373	20,894
Cocoa cake (residue)	154	133	6	248	86(h)	..	26(h)
Cocoa husks and shells	178	52	34	161	23	144	14
Cocoa butter sold as such	127	3,153	13	36	188	40	156
Total cocoa products	..	57,756	..	5,447	24,928	..	21,090

TABLE 8 (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
Sugar confectionery (except chocolate confectionery)							
Boiled sugar goods	1,163	10,204	169	1,757	5,170	1,629	4,666
Panned goods and lozenges	235	1,840	47				
Toffee, not chocolate covered	440	4,405	91	1,118	3,203	1,207	3,459
Caramels, not chocolate covered	253	2,442	60	1,682	5,427(j)	1,730	5,350(j)
Soft goods (including almond paste, marzipan, fondant, cream paste and turkish delight)	461	3,568	97				
Pastilles, gums and jellies	257	2,252	58				
Licorice goods	189	1,352	13	224	463	173	381
Chewing gum	41	731	6	67	466	62	426
Crystallised ginger (k)	6	197	13	5	20	5	22
Other and unclassified sugar confectionery	18 ..	290 191	20	54	125(l)	39	84(l)
Total sugar confectionery	..	27,472						..	4,907	14,874	4,845	14,388
Confectioners' novelties and sundries (including cake ornaments), except moulded chocolate novelties	..	857	34	..	289	..	378
Waste products	..	118	48	..	(m)	..	(m)
Work done for the trade or on commission		1,547(n)	29		(m)		(m)
Total		87,750	..		40,091		35,856
Less sales (or production) in other trades (see Table 9)		3,229	..		946		1,228
Total principal products of this trade sold or made by establishments in this trade		84,521	296		39,145		34,628

(a) Great Britain only.

(b) United Kingdom.

(c) Includes only block chocolate; other kinds of chocolate intended for further manufacture are included in "Other sorts of cocoa preparations".

(d) Described as "Moulded chocolate novelties including Easter eggs".

(e) Included in other chocolate confectionery sold by weight or sold by count.

(f) The 1948 figures include lines sold at a certain number a penny and non-net weight boxes and cartons.

(g) The 1948 figures exclude lines sold at a certain number to a penny but include enrobed lines.

(h) The 1937 and 1935 figures include single pieces sold at a fixed weight.

(i) Described as "Other residual products" of cocoa.

(j) May include some chocolate-covered caramels.

(k) So far as recorded separately.

(l) Coconut, sugared, only.

(m) Not recorded.

(n) Amount changed.

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

Larger establishments

TABLE 9

	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
Cocoa preparations							
Cocoa powder and drinking chocolate (including chocolate in flake or other forms intended for drinking purposes)	3	43	5	2	9	3	10
Chocolate intended for further manufacture sold as such (block, couverture, bakers' covering compounds, granulettes, etc.)	22	258	11	-	1	1	3
Moulded solid blocks or bars with or without fruit or nuts, including vitamin chocolate	-	2	5	2	9	5	21
Moulded solid, hollow or filled figures or novelties sold at a price per unit	-	1	..	-	1	2	17
Moulded blocks or bars with soft or hard centres (excluding chocolate biscuits sold as biscuits)	-	4	6	-	-	-	-
Other chocolate confectionery							
Sold by weight	16	245	37	11	60	17	122
Sold by count	1	17	..	-	2	6	44
Other sorts of cocoa preparations	2	37	..	-	1	3	13
Total cocoa preparations	..	606	..	19	83	37	230
Cocoa butter sold	-	-	-	1	7	1	6
Total cocoa products	..	606	..	20	90	..	236

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
Sugar confectionery (except chocolate confectionery)							
Boiled sugar goods	49	421	18	82	203	95	288
Panned goods and lozenges	11	87	..				
Toffee, not chocolate covered	6	59	9	11	26	13	37
Soft goods (including almond paste, marzipan, fondant, cream paste and turkish delight)	170	1,219	31	198	574	197	609
Pastilles, gums and jellies	8	59	..				
Other and unclassified sugar confectionery, including licorice goods	19	282	14	16	34	17	35
	..	18					
Total sugar confectionery		2,145		307	837	322	969
Confectioners' novelties and sundries (including cake ornaments) except moulded chocolate novelties	..	469	20	..	19	..	23
Work done for the trade or on commission		7(c)	..		-		-
Total		3,229			946		1,228

(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) (b) Sales		1937 (c) Production		1935 (c) Production	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Preserved fruit						
Marmalade and jams (including jelly jams)	64	371	133	293	138	323
Other kinds	..	157	..	104	34	102
Table jellies (squares, powders, crystals and compounds)	82	711	70	211	..	190
Coffee and chicory essences and extracts	-	-	32	242	..	217
Biscuits						
Chocolate coated	66	712	61	342	40	248
Other kinds	8	107	15	66	14	59
Other bakery products	..	29	..	123	..	122
Blancmange, custard and similar powders	30	154	26	111	14	45
Nuts shelled, ground or otherwise prepared	31	348	48	142	20	60
Soft drinks (including powder and essences for beverages)	..	196	..	58	..	39
Other food and drink products (including patent and proprietary foods and drinks)	..	1,558	..	803	..	668
Drugs and pharmaceutical products	..	783	..	9	-	-
Manufactures of paper and cardboard	..	198	..	149	..	134
Other goods	..	173	..	35	..	21
Work done		77 (d)		-		-
Total		5,575		2,688		2,228

(a) Great Britain only.

(b) In addition, the larger establishments in this trade recorded the following ancillary output (not for sale) in 1948:-

Boxes and cartons of paper and cardboard
Tin boxes and containers

Th. cwts.
190
90

(c) United Kingdom.

(d) Amount charged.

DS 90951/1

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	2,433	2.7
Export sales organisations (including branches abroad) and other wholesale or selling organisations	5,500	6.2
Retail shops, etc.	1,939	2.2
Total sales (or transfers) to other organisations under the same control	9,872	11.2
Sales to independent buyers		
Exports invoiced directly overseas	4,616	5.2
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	1,050	1.2
His Majesty's Government and Local Authorities (other than productive establishments)	152	0.2
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	6,357	7.2
Wholesalers, merchants and other agents for resale	27,304 (a)	30.9
Retailers, including multiple shops, caterers and N.A.A.F.I., for resale	29,472	33.3
Other businesses (including farmers) and institutions of all kinds	252	0.3
Members of the public, including employees	172	0.2
Unclassified sales to independent buyers	9,233	10.4
Total sales to independent buyers	78,607	88.8
Total	88,479	100.0

(a) Of this total £26,763,000 was recorded as divided between £2,199,000 for export and £24,564,000 for other sales.

DS 90951/1

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

TABLE 12

	Production (b) (c)	Exports	Retained imports
	Th. cwts.	Th. cwts.	Th. cwts.
Cocoa preparations (excluding chocolate coated biscuits)			
Cocoa powder and drinking chocolate (including chocolate in flake or other forms intended for drinking purposes)	1948 525	96	..
Chocolate intended for further manufacturing purposes, sold or consigned as such (block, couverture, bakers' covering compounds, granulettes, etc.)	1948 416	49	..
Moulded solid blocks or bars with or without fruit or nuts, including vitamin chocolate	1948 834	171	..
Moulded blocks or bars with soft or hard centres (excluding chocolate biscuits sold as "biscuits")	1948 367	62	..
Other chocolate confectionery	1948 1,740	104	..
Other sorts of cocoa preparations	1948 200	6	..
Total cocoa preparations	{ 1948 4,081 1937 5,002	488 479	153 36

TABLE 12 (contd.)

	Production (b) (c)	Exports	Retained imports
	Th. cwts.	Th. cwts.	Th. cwts.
Cocoa husks and shells	{ 1948 178 1937 161	8 1	- 1
Cocoa butter	{ 1948 403 (d) 1937 36	48 25	5 137
Sugar confectionery (except chocolate confectionery)			
Boiled sugar goods	{ 1948 1,163 1937 ..	127 26	....
Panned goods and lozenges	1948 235	9	..
Toffee and caramels, not chocolate covered	1948 693	53	..
Soft goods (including almond paste, marzipan, fondant, cream paste and turkish delight)	1948 461	27 (e)	..
Pastilles, gums and jellies	1948 257	23 (f)	..
Licorice goods	{ 1948 189 1937 224	50 26	....
Chewing gum	1948 41	18	..
Crystallised ginger	{ 1948 6 1937 5	.. ..	4 11
Total sugar confectionery (except chocolate confectionery)	{ 1948 3,075 (g) 1937 4,907	307 200	13 50

- (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) Production for sale or for further manufacturing purposes in the same works.
- (e) Including jellies.
- (f) Excluding jellies.
- (g) Including a quantity (partly estimated) of 30,000 cwts. of other and unclassified sugar confectionery.

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						
Raw cocoa	1,818	20,487	1,800	4,614	1,568	2,704
Condensed milk						
Sweetened						
Full cream	12	67	1,334	2,118	1,144	1,501
Skimmed	13	61				
Unsweetened						
Full cream	33	153				
Skimmed	4	16				
Milk powders						
Full cream	18	170	155	380	128	238
Skimmed	61	318				
Sugar	3,558	10,661	4,247	3,831	4,013	3,443
Fruit						
Fresh	18	76	65	83	..	(c)
Dried	74	328	83	150	..	(c)
Other preserved fruit	11	82	..	(c)	..	(c)
Nuts	255	2,632	298	1,204	289	1,027
Packing materials						
First packings						
Boxes and cartons of paper and cardboard						
Transferred from branch establishments under the same ownership	6	48				
..	..	9				
Purchased from other firms	93	662				
..	..	501				

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		£'000		£'000
Materials (contd.)						
Packing materials (contd.)						
First packings (contd.)						
Tin boxes and containers			..	4,792	..	(c)
Transferred from branch establishments under the same ownership	1	7				
..	..	20				
Purchased from other firms	88	425				
..	..	188				
Th. gross						
Glass bottles and jars	78	136				
Other descriptions (foil, paper, etc.)	..	2,586				
Other packing materials	..	3,184				
Th. cwts.						
Chocolate milk crumb	289	1,971				
Chocolate couverture and block chocolate	146	1,724				
Blockmilk	15	132				
Egg albumen	1	86				
Other dried or powdered eggs (dry weight)	1	47				
Edible oils and fats						
Cocoa butter	171	4,103	..	(c)	..	(c)
Cow butter and butter fat	29	313				
Margarine	5	30				
Other edible oils and fats	128	1,795				
Glucose	1,002	2,718				
Syrup and treacle	77	194				
Gelatine	21	364				
..	..	131				
Gum arabic	59	195				

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. cwt.s.	£'000		£'000		£'000				
Materials (contd.)										
Jam or fruit pulp	55	218	}							
Ginger	19	255								
Starch	43	110								
Flour	164	244								
Coffee	3	25					..	6,737 (d)	..	10,014 (e)
Malt extract	44	208					}			
	..	23								
Licorice	8	74								
	Th. lbs.									
Essential oils	358	490								
All other purchased materials	..	3,290								
	Th. tons		Th. tons		Th. tons					
Fuel and electricity										
Coal	188.8	528	244.2	258	247.1	230				
Coke	19.7	67	..	(c)	20.4	27				
	Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)					
Electricity purchased (f) (g)	91,942	385	99,885	255	84,698	252				
	Th. galls.									
Motor spirit (petrol) and derv. fuel										
Used for road vehicles	895	85	}	(c)	..	(c)				
Used for other power purposes	104	9								
Other oil fuel (including creosote/ pitch mixtures)	4,887	173	..	(c)	223	4(h)				

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. therms	£'000		£'000		£'000
Fuel and electricity (contd.)						
Gas purchased, including gas obtained from other works under the same ownership	1,950 Th. cu. ft. 11,088	88 4	}	..	196	.. (c)
All other purchased fuel	..	16				
Total		62,912		24,618		19,420

(a) Great Britain only.

(b) United Kingdom.

(c) Not recorded separately.

(d) Including £579,000 of unclassified materials.

(e) Including fuel not specified separately.

(f) Including electricity generated in other works under the same ownership.

(g) The total quantity of electricity consumed in 1948 was 101,222,000 B.T. units, including 9,280,000 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				
Moulded chocolate in blocks or bars	109	974	99	1,223
Chocolate confectionery, other than moulded chocolate novelties				
Sold by weight	73	786	66	801
Sold by count	17	133	21	199
Other cocoa preparations (excluding cocoa powder and drinking chocolate)	18	160	20	232
Sugar confectionery	92	567	82	550
Other finished products	..	594	..	797
Work in progress		2,415		3,203
Total finished products and work in progress		5,629		7,005
Materials and fuel				
Raw cocoa	405	2,253	419	3,800
Condensed milk, block milk and milk powder	167	826	99	555
Sugar	434	1,279	341	1,006
Nuts	122	1,212	124	1,284
Edible oils and fats	57	785	74	1,196
Glucose	80	212	81	241
Gum arabic	73	225	59	178
Other descriptions of materials and fuel	..	4,758	..	6,157
Total materials and fuel		11,551		14,418

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	1,154	2,185	1,691	124	221	229	1,278	2,406	1,920
All ages	16,847	18,155	16,466	5,393	6,305	6,529	22,240	24,460	22,995
Females									
Under 18	6,111	16,982	16,706	815	1,060	793	6,926	18,042	17,499
All ages	26,768	46,176	45,465	4,799	5,430	5,747	31,567	51,606	51,212
Total									
Under 18	7,265	19,167	18,397	939	1,281	1,022	8,204	20,448	19,419
All ages	43,615	64,331	61,931	10,192 (e)	11,735	12,276	53,807 (e) (f) (g)	76,066	74,207
Total remuneration	£'000			£'000			£'000		
	9,715	..	..	4,607	..	..	14,322	..	..

(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	14 males	532 females
Other workers	183 males	219 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, 52 working proprietors (50 males and 2 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 £378,000.

(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	680	
Maintenance and repair of firms' buildings, but not plant	588	
Research work not directly connected with current production however charged	18	53

In addition to the employees in the above table, the firms in this trade employed 7 male and 203 female outworkers in 1948, the amount paid to them being £19,000. 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				Year
			First quarter	Second quarter	Third quarter	Fourth quarter	
Wages and salaries of	£'000	£'000					
Operatives	9,715	5,644	24.4	24.2	24.4	27.0	100.0
Administrative, technical and clerical employees	4,607	2,508	24.7	23.9	23.8	27.6	100.0
Total	14,322	8,152	24.5	24.1	24.2	27.2	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 £180,000.

Payments for certain services, 1948

Larger establishments in Great Britain

TABLE 18

	Amount paid
Repair and maintenance	£'000
Of buildings	164
Of plant, machinery and vehicles	449
Unclassified	701
Hire of plant, machinery and vehicles	186
Advertising and market research	
Advertising in newspapers, magazines and periodicals	493
Other advertising services (poster display, despatch of circulars, etc.) and market research	315
Unclassified	119
Payments made for research work	
To research associations	22
To universities, institutions, academic bodies and similar agencies	5
To other commercial concerns	3
Postage, telephone, telegrams and cables	175
Commercial insurance premiums	240
Rates (excluding water rates) payable in the year	101

Plant, machinery and vehicles acquired and disposed of, 1948

Larger establishments in Great Britain

TABLE 19

	Acquisitions		Disposals
	New	Second-hand	
Plant and machinery	£'000	£'000	£'000
	1,538	57	157
Vehicles	236	39	55
Total	1,774	97	212

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)		298
2. Existing buildings and land (b)		
(i) Capital cost of freeholds bought	49	
Estimated capital value of		
(ii) Rented property newly occupied in the year (c)	212	
(iii) Leasehold buildings and land newly occupied in the year	182	
Total of heading 2		443
Total of headings 1 and 2		741
3. Existing buildings and land relinquished (d)		
(i) Selling value of freeholds sold	1	
(ii) Estimated value of other properties relinquished	60	
Total of heading 3		61
4. Headings 1 and 2 less heading 3		680

(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.

FOOD, DRINK AND TOBACCO COUNTRY TABLES
COCOA, CHOCOLATE AND SUGAR CONFECTIONERY TRADE
1948

Summary

Larger establishments

TABLE 21

	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Gross output (production)	83,401	1,733	5,128	90,262
Cost of materials and fuel used	55,463	1,282	3,299	60,044
Payment for work done on materials given out	180	-	-	180
Net output	27,758	451	1,828	30,037
Wages and salaries of persons employed	13,299	223	801	14,322
Average number of persons employed (a)	No. 49,043	No. 839	No. 3,977	No. 53,859
Net output per person employed (a)	£ 566	£ 538	£ 460	£ 558
Stocks at end of year	£'000	£'000	£'000	£'000
Finished products and work in progress	6,724	25	256	7,005
Materials and fuel	13,642	140	637	14,418
Number of establishments	No. 265	No. 10	No. 38	No. 313

(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)	83,221	1,746	5,129	90,096
Adjustment for changes in stocks and work in progress	+1,302	+4	+70	+1,376
Less payment for transport by other firms	84,523 1,121	1,750 18	5,199 71	91,472 1,210
Gross output (production)	83,401	1,733	5,128	90,262
Materials and fuel used by firms in this trade				
Purchases (See Table 24)	58,284	1,305	3,323	62,912
Adjustment for changes in stocks	-2,821	-23	-23	-2,868
Materials and fuel used	55,463	1,282	3,299	60,044

Summary

Small firms

TABLE 22

	England	Wales	Scotland	Great Britain
Number of returns	363	13	38	414
Average number of persons employed (a)				
Males	871	26	86	983
Females	1,028	32	111	1,171
Total	1,899	58	197	2,154

(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						
Cocoa preparations						
Cocoa powder and drinking chocolate (including chocolate in flake or other forms intended for drinking purposes)	522	5,440	-	-	522	5,440
Chocolate intended for further manufacture sold as such (block, couverture, bakers' covering compounds, granulettes, etc.)	378	4,839	15	198	393	5,038
Moulded solid blocks or bars with or without fruit or nuts, including vitamin chocolate	797	11,247	37	586	834	11,834
Moulded solid, hollow or filled figures or novelties sold at a price per unit	5 ..	92 41	2	36	8 ..	128 41
Moulded blocks, or bars with soft or hard centres (excluding chocolate biscuits sold as "biscuits")	..	(a)	..	(a)	367	4,742
Other chocolate confectionery						
Sold by weight	1,225	18,931	81	1,271	1,304	20,201
Sold by count	378	4,633	31	395	409	5,028
Other sorts of cocoa preparations	197	1,359	-	-	197	1,359
Cocoa cake (residue)	154	133	-	-	154	133
Cocoa husks and shells	175	52	3	1	178	52
Cocoa butter sold as such	127	3,153	-	-	127	3,153
Sugar confectionery (except chocolate confectionery)						
Bolled sugar goods	1,029	9,071	85	712	1,114	9,783
Panned goods and lozenges	190	1,477	34	276	224	1,754
Toffee, not chocolate covered	398	3,987	36	358	434	4,345

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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.)						
Sugar confectionery (except chocolate confectionery) (contd.)						
Caramels, not chocolate covered	224	2,128	29	315	253	2,442
Soft goods (including almond paste, marzipan, fondant, cream paste and turkish delight)	257	2,066	34	282	290	2,349
Pastilles, gums and jellies	239	2,107	10	86	248	2,193
Chewing gum	41	731	-	-	41	731
Crystallised ginger	6	194	-	2	6	197
Other and unclassified sugar confectionery, including licorice goods	185 ..	1,342 173	2	18	188 ..	1,360 173
Confectioners' novelties and sundries (including cake ornaments), except moulded chocolate novelties	..	(a)	..	(a)	..	388
Waste products	..	115	..	2	..	118
Work done for the trade or on commission		1,462		78		1,540
Total principal products		79,569		4,952		84,521
Other output						
Preserved fruit						
Marmalade and jams (including jelly jams)	59	335	5	35	64	371
Other kinds	..	156	..	1	..	157
Table jellies (squares, powders, crystals and compounds)	82	711	-	-	82	711
Biscuits						
Chocolate coated	66	712	-	1	66	712
Other kinds	8	107	-	-	8	107
Other bakery products	..	29	-	-	..	29
Blancmange, custard and similar powders	..	(a)	..	(a)	30	154

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TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
		£'000		£'000	Th. cwts.	£'000
Other output (contd.)						
Nuts shelled, ground or otherwise prepared	..	(a)	..	(a)	31	348
Soft drinks (including powders and essences for beverages)	..	195	..	1	..	196
Other food and drink products (including patent and proprietary foods and drinks)	..	1,494	..	64	..	1,558
Drugs and pharmaceutical products	..	755	..	28	..	783
Manufactures of paper and cardboard	..	198	-	-	..	198
Other goods	..	173	-	-	..	173
Work done (b)		77		-		77
Total		84,967		5,129		90,096

(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						
Raw cocoa	1,789	20,158	29	329	1,818	20,487
Condensed milk						
Sweetened						
Full cream	11	60	1	7	12	67
Skimmed	12	56	1	5	13	61
Unsweetened						
Full cream	31	146	1	7	33	153
Skimmed	3	14	1	2	4	16
- Milk powders						
Full cream	17	162	1	8	18	170
Skimmed	60	312	1	6	61	318
Sugar	3,278	9,821	280	840	3,558	10,661
Fruit						
Fresh	17	75	-	1	18	76
Dried	70	308	4	20	74	328
Other preserved fruit	..	(a)	..	(a)	11	82
Nuts	242	2,481	13	151	255	2,632
Packing materials						
First packings						
Boxes and cartons of paper and cardboard						
Transferred from branch establishments under the same ownership	..	(a)	..	(a)	6	48
Purchased from other firms	88	645	4	17	93	662
Tin boxes and containers						
Transferred from branch establishments under the same ownership	1	7	-	-	1	7
Purchased from other firms	..	19	..	..	..	20

TABLE 24 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials (contd.)		£'000		£'000	Th. cwts.	£'000
Packing materials (contd.)						
First packings (contd.)						
Tin boxes and containers (contd.)						
Purchased from other firms	..	(a)	..	(a)	{ 88 ..	{ 425 188
	Th. gross.		Th. gross		Th. gross	
Glass bottles and jars	74	121	5	16	78	136
Other descriptions (foil, paper, etc.)	..	2,401	..	185	..	2,586
Other packing materials	..	3,081	..	104	..	3,184
Chocolate milk crumb	Th. cwts. ..	(a)	Th. cwts. ..	(a)	Th. cwts. 289	1,971
Chocolate couverture and block chocolate	127	1,471	19	253	146	1,724
Blockmilk	15	125	1	6	15	132
Egg albumen	1	80	-	6	1	86
Other dried or powdered eggs (dry weight)	1	44	-	3	1	47
Edible oils and fats						
Cocoa butter	152	3,630	19	473	171	4,103
Cow butter and butter fat	28	299	1	14	29	313
Margarine	5	28	-	2	5	30
Other edible oils and fats	120	1,622	8	173	128	1,795
Glucose	932	2,523	71	195	1,002	2,718
Syrup and treacle	74	189	2	6	77	194
Gelatine	{ 20 ..	{ 351 131	{ 1	{ 13	{ 21 ..	{ 364 131
Gum arabic	59	193	1	2	59	195
Jam or fruit pulp	50	202	4	16	55	218
Ginger	15	211	4	43	19	255
Starch	36	93	7	17	43	110
Flour	160	236	3	6	164	244

TABLE 24 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials (contd.)		£'000		£'000	Th. cwts.	£'000
Coffee	3	24	-	1	3	25
Malt extract	{ 43 ..	{ 203 23	{ 1	{ 4	{ 44 ..	{ 208 23
Licorice	7	71	-	3	8	74
Essential oils	Th. lbs. 336	459	Th. lbs. 21	30	Th. lbs. 358	490
All other purchased materials	..	3,153	..	137	..	3,290
	Th. tons		Th. tons		Th. tons	
Fuel and electricity						
Coal	173.9	488	14.9	41	188.8	528
Coke	18.3	64	1.3	3	19.7	67
Electricity purchased (b)	Th. B. T. U. (kW. hrs.) 85,803(c)	363	Th. B. T. U. (kW. hrs.) 6,139	22	Th. B. T. U. (kW. hrs.) 91,942	385
Motor spirit (petrol) and deriv. fuel	Th. galls.		Th. galls.		Th. galls.	
Used for road vehicles	821	78	73	7	895	85
Used for other power purposes	..	(a)	..	(a)	104	9
Other fuel oil (including creosote/pitch mixtures)	4,875	172	12	-	4,887	173
Gas purchased, including gas obtained from other works under the same ownership	{ Th. therms 1,795 Th. cu. ft. 9,665	{ 83 4	{ Th. therms 155 Th. cu. ft. 1,383	{ 6 -	{ Th. therms 1,950 Th. cu. ft. 11,068	{ 86 4
All other purchased fuel	..	11	..	5	..	16
Total		59,589		3,323		62,912

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

(b) Including electricity generated in other works under the same ownership.

(c) The total quantity of electricity consumed in England and Wales was 95,083,000 B. T. units, including 9,280,000 generated in the same works.

Employment and remuneration
Larger establishments

TABLE 25

	England and Wales			Scotland			Great Britain		
	Average number of operatives	Adminis- trative, technical and clerical employees (a)	Total	Average number of operatives	Adminis- trative, technical and clerical employees (a)	Total	Average number of operatives	Adminis- trative, technical and clerical employees (a)	Total
Males									
Under 18	1,074	120	1,194	80	4	84	1,154	124	1,278
All ages	16,129	5,154	21,283	718	239	957	16,847	5,393	22,240
Females									
Under 18	5,312	767	6,079	799	48	847	6,111	815	6,926
All ages	24,056	4,502	28,558	2,712	297	3,009	26,768	4,799	31,567
Total									
Under 18	6,386	887	7,273	879	52	931	7,265	939	8,204
All ages	40,185	9,656 (b)	49,841 (b) (c)	3,430	536 (b)	3,966 (b) (c)	43,615	10,192 (b)	53,807 (b) (c)
	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Total remuneration	9,105	4,416	13,521	610	191	801	9,715	4,607	14,322

(a) Number at September 25, 1948.

(b) There were, in addition, 52 working proprietors (50 males and 2 females) in Great Britain; 39 males and 2 females in England and Wales, and 11 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 £378,000; £351,000 for England and Wales, and £27,000 for Scotland.

In addition to the employees in the above table the firms in this trade employed outworkers whose numbers and remuneration are set out below.

	Average number of outworkers employed			Total amount paid to outworkers
	Males	Females	Total	
England and Wales	7	203	210	£'000 19
Scotland	-	-	-	-
Great Britain	7	203	210	19

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	103.2	105.0	103.4	August	98.7	95.6	98.5
February	100.0	103.7	100.3	September	100.3	97.4	100.1
March	97.7	97.3	97.7	October	102.2	100.5	102.1
April	96.2	97.2	96.3	November	104.7	107.4	105.0
May	95.8	93.9	95.7	December	106.6	114.5	107.3
June	96.5	93.8	96.3	Percentage employment in this trade covered by the index	60.9	66.2	61.3
July	97.9	93.7	97.5				

(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.

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