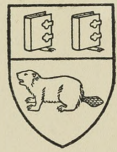


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BOARD OF TRADE

R10)  
42  
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STATISTICS  
BACK-UP

FINAL REPORT  
on the  
CENSUS OF PRODUCTION  
FOR 1948  
Volume 9  
Trade A  
MARGARINE

*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 : HER 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 Od. NET

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\* Not applicable to this trade

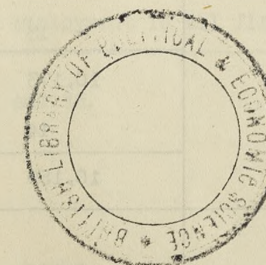
MARGARINE TRADE

THIS REPORT on the Margarine Trade relates to establishments engaged wholly or mainly in the manufacture of margarine, compound lard and compound cooking fats.

This trade corresponds with minimum list heading 162(1) in the Standard Industrial Classification.

Any establishments in Northern Ireland are excluded in 1948; no production was recorded there in this trade in 1937 or 1935.

Margarine, compound lard and compound cooking fats for home consumption were produced by this trade in 1948 for the Ministry of Food and this output appears in gross output as amounts charged for work done and not selling values; the corresponding amounts of materials supplied by the Ministry of Food are therefore excluded from the total of materials purchased and used.



## MARGARINE TRADE

## Summary

## Larger establishments

TABLE 1

	1948	1937	1935
	£'000	£'000	£'000
Gross output (production)	10,159	9,980	7,402
Cost of materials and fuel used	5,408	6,681	4,822
Payment for work done on materials given out	11	-	-
Net output	4,739	3,299	2,580
Wages and salaries of persons employed	1,709	..	..
	No.	No.	No.
Average number of persons employed	5,531 (a)	4,754	4,162
	£	£	£
Net output per person employed	857	694	620
Stocks at end of year	£'000	£'000	£'000
Finished products and work in progress	22	..	..
Materials and fuel	733	..	..
	No.	No.	No.
Number of establishments	30	..	24

(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:-

	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 - column 3 and column 6)	8,538	9,596	7,142
Other output (see Table 10)	1,647	384	260
Adjustment for changes in stocks and work in progress (see Table 14)	- 13	..	..
	10,173	9,980	7,402
Less payment for transport by other firms	14		
Gross output (production)	10,159	9,980	7,402
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	5,506	6,681	4,822
Adjustment for changes in stocks (see Table 14)	- 98		
Materials and fuel used	5,408	6,681	4,822

## Summary, 1948

## Small firms in Great Britain

TABLE 2

Number of returns	4
Average number of persons employed (a)	
Males	17
Females	5
Total	22

(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)	5,531
Employing on average ten persons or less (b)	22
	5,553
Estimated average employment in firms not making satisfactory returns	17
Estimated average employment in all firms	5,570

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

## 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	8	216	85	133	27	18	45	641
25-49	4	165	93	143	30	11	41	652
50-99	9	1,105	451	683	150	61	211	660
100 and over	9	8,673	4,110	4,572	1,106	306	1,412	899
Total	30	10,159	4,739	5,531	1,313	396	1,709	857

## 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								
North Western	8	5,078	2,359	49.7	2,674	626	176	802
East and West Ridings of Yorkshire; and North Midland	3	543	177	3.7	387	107	17	124
Eastern; and London and South Eastern	8	3,768	1,835	38.6	1,896	452	154	606
Southern; and South Western	5	294	114	2.4	235	52	14	65
Total England	24	9,682	4,484	94.4	5,192	1,236	361	1,597
Wales	-	-	-	-	-	-	-	-
Scotland	6	477	255	5.4	339	77	35	112
Great Britain	30	10,159	4,739	100.0	5,531	1,313	396	1,709

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 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

Note. - For 1948 the values shown in column 3 are the amounts charged to the Ministry of Food for work done on goods for home consumption, and those in column 6 the amounts received for sales of goods produced from purchased materials (see Introductory Note). They are therefore not strictly comparable with those for 1937 (column 9) and 1935 (column 11).

TABLE 8

	1948						1937 Production		1935 Production	
	Goods made and work done on a commission basis for the Ministry of Food			Sales			Quantity	Value	Quantity	Value
	Quantity	Amount charged	Entries	Quantity	Value	Entries				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	Th. cwts.	£'000	No.	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Margarine	7,961	6,748	25	70	468	10	3,736	8,080	3,528	6,186
Compound cooking fat	3,573	1,592	30	85	583	24	1,931	3,746 (a)	1,765	2,906 (a)
Waste products	-	-	-	..	5	7	-	-	-	-
Work done for the trade on commission (other than for the Ministry of Food)	-	-	-	-	19 (b)	5	-	13 (b)	-	-
Total	11,534	8,341	41		1,075	26		11,839		9,092
Less sales (or production) in other trades (see Table 9)	1,406	621	11		256	12		2,243		1,950
Total principal products of this trade sold or made by establishments in the trade	10,127	7,720	30		818	14		9,596		7,142

(a) Described as "lard compound".

(b) Amount charged in 1948 and amount received in 1937.

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

## Larger establishments

TABLE 9

	1948						1937		1935	
	Goods made and work done on a commission basis for the Ministry of Food			Sales			Production		Production	
	Quantity	Amount charged	Entries	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Margarine and compound cooking fat	1,406	621	11	39	256	12	1,101	2,243	1,107	1,950
Total	1,406	621	11	39	256	12	1,101	2,243	1,107	1,950

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

## Larger establishments

TABLE 10

	1948				1937		1935	
	Goods made or work done on a commission basis for the Ministry of Food		Sales		Production		Production	
	Quantity	Amount charged	Quantity	Value	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Animal (except marine animal) oils, fats and greases, including suet and dripping	-	-	48	617	28	55	24	46
Vegetable and seed oils, refined	4,761	698	9	64	22	40	19	27
Fish and marine animal oils, refined	963	122			126	141	78	64
Other goods	..	23	..	123	..	148	..	123
Total		843		804		384		260

## 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	941	58.7
Sales to independent buyers		
Exports invoiced directly overseas and exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	325	20.2
Wholesalers, merchants, retailers, etc.		
Wholesalers, merchants, and other agents for resale	128(a)	8.0
Retailers, including multiple shops, caterers and N.A.A.F.I., for resale	61	3.8
Unclassified	99	6.1
Manufacturers, repairers, builders, mines, public utilities, transport and other productive undertakings, other businesses (including farmers) and institutions of all kinds	51	3.2
Total sales to independent buyers	662	41.3
Total	1,604	100.0

(a) Of this total £119,000 was recorded as divided between £60,000 for export and £58,000 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.
Margarine	1948 8,031 1937 3,736	140 47	5 99
Compound cooking fat	1948 3,658 1937 1,931(e)	68(d) 70(f)	4(d) 17(f)

(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 and goods made or work done on commission for the Ministry of Food in 1948 and production for sale in 1937 (See Table 8).

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

(d) Described as "Shortening (including lard compound and compound cooking fat)".

(e) Described as "Lard Compound".

(f) Described as "Imitation Lard".

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						
Vegetable oils, refined (a)						
Hydrogenated	29	168	354	566	108	153(b)
Other	65	378	2,007	1,886	1,532	1,519(b)
Unclassified	-	-	640	1,002	-	-
Fish and animal oils, refined (a)	18	112	1,797	2,043	1,577	1,480
Refined vitaminised oil (including vitamin concentrate)	123	1,132	..	(c)	..	(c)
Lard						
Imported	-	-	7	23	-	-
Home produced	-	-	-	-	-	-
Butter purchased for blending	-	-	12	73	8	39
Packing materials	-	1,971	-	579	..	1,585(d)
All other purchased materials including refined animal fats	..	1,182	..	441	..	1,585(d)
	Th. tons		Th. tons		Th. tons	
Fuel and electricity						
Coal	90.9	248	50.3	40	37.8	28
Coke	1.9	7	..	(c)	..	(c)
Electricity purchased	Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)	
From public supply	13,885	58	8,177	22	7,596	20
From other sources						
Electricity obtained from other works under the same ownership	-	-	-	-	-	-
Motor spirit (petrol) and derv. fuel	Th. galls					
Used for road vehicles	145	13				
Used for other power purposes	3	-				

TABLE 13 - (contd.)

	1948		1937		1935	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Fuel and electricity (contd.)	Th. galls.	£'000		£'000		£'000
Other oil fuel (including creosote/pitch mixtures)	38	1				
Gas purchased	Th. therms		..	6	..	(c)
From public supply	54	3				
From other sources	-	-				
Gas obtained from other works under the same ownership	-	-				
All other purchased fuel	..	233				
Total		5,506		6,681		4,822

- (a) Not described as refined in 1937 and 1935.
- (b) So far as recorded separately.
- (c) Not recorded separately.
- (d) Including fuel not specified separately.



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
	£'000	£'000
Finished products	20	16
Work in progress	14	6
Total finished products and work in progress	35	22
Materials and fuel	636	733

Employment and remuneration (a)  
Larger establishments

TABLE 15

	Average number of operatives			Administrative, technical and clerical employees (b)			Total		
	1948	1937	1935	1948	1937	1935	1948	1937	1935
Males									
Under 18	152	165	108	10	59	48	162	224	156
All ages	3,008	1,944	1,672	475	1,139	1,061	3,483	3,083	2,733
Females									
Under 18	227	371	218	48	159	132	275	530	350
All ages	1,757	978	780	291	693	649	2,048	1,871	1,429
Total									
Under 18	379	536	326	58	218	180	437	754	506
All ages	4,765	2,922	2,452	766 (c)	1,832	1,710	5,531 (c) (d) (e)	4,754	4,162
Total remuneration	£'000 1,313	..	..	£'000 396	..	..	£'000 1,709	..	..

(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	11 males	129 females
Other workers	59 males	9 females

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

(c) No working proprietors were recorded in 1948.

(d) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £44,000.

(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	76	
Maintenance and repair of firms' buildings, but not plant	36	
Research work not directly connected with current production however charged	*	*

\* Negligible.

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					Year
		Amount paid	Percentage of annual remuneration paid in				
			First quarter	Second quarter	Third quarter	Fourth quarter	
Wages and salaries of	£'000	£'000					
Operatives	1,313	751	23.6	23.5	26.2	26.7	100.0
Administrative, technical and clerical employees	396	195	24.3	24.9	25.2	25.6	100.0
Total	1,709	946	23.7	23.8	26.0	26.5	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 £11,000.

## Payments for certain services, 1948

## Larger establishments in Great Britain

TABLE 18

	Amount paid
	£'000
Repair and maintenance	
Of buildings	29
Of plant, machinery and vehicles	51
Unclassified	14
Hire of plant, machinery and vehicles	3
Advertising and market research	
Advertising in newspapers, magazines and periodicals	4
Other advertising services (poster display, despatch of circulars, etc.) and market research	1
Unclassified	2
Payments made for research work	
To research associations	1
To universities, institutions, academic bodies and similar agencies	-
To other commercial concerns	-
Postage, telephone, telegrams and cables	13
Commercial insurance premiums	18
Rates (excluding water rates) payable in the year	14

## 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	383	21	16
Vehicles	23	2	3
Total	406	23	19

## 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)		24
2. Existing buildings and land (b)		
(1) Capital cost of freeholds bought	-	
Estimated capital value of		
(11) Rented property newly occupied in the year (c)	-	
(111) Leasehold buildings and land newly occupied in the year	15	
Total of heading 2		15
Total of headings 1 and 2		39
3. Existing buildings and land relinquished (d)		52
4. Headings 1 and 2 less heading 3		- 13

(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.

## MARGARINE

1948

Summary  
Larger establishments

Note. - There were no larger establishments in Wales in the register for this trade

TABLE 21

	England	Scotland	Great Britain
	£'000	£'000	£'000
Gross output (production)	9,682	477	10,159
Cost of materials and fuel used	5,186	222	5,408
Payment for work done on materials given out	11	-	11
Net output	4,484	255	4,739
Wages and salaries of persons employed	1,597	112	1,709
	No.	No.	No.
Average number of persons employed	5,192	339	5,531
	£	£	£
Net output per person employed	864	751	857
Stocks at end of year	£'000	£'000	£'000
Finished products and work in progress	22	-	22
Materials and fuel	712	22	733
	No.	No.	No.
Number of establishments	24	6	30

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

	England	Scotland	Great Britain
	£'000	£'000	£'000
Output of firms in this trade			
Total value of sales (see Table 23)	9,708	477	10,185
Adjustment for changes in stocks and work in progress	- 13	-	- 13
	9,696	477	10,173
Less payment for transport by other firms	14	-	14
Gross output (production)	9,682	477	10,159
Materials and fuel used by firms in this trade			
Purchases (see Table 24)	5,299	208	5,506
Adjustment for changes in stocks	- 113	+ 15	- 98
Materials and fuel used	5,186	222	5,408

TABLE 22 - Summary: Small firms

See Table 2. There were no small firms in England or Wales in the register for this trade.

## Sales (or production) in the trade

TABLE 23

## Larger establishments

	England				Scotland (a)		Great Britain			
	Goods made and work done on a commission basis for the Ministry of Food		Sales		Goods made and work done on a commission basis for the Ministry of Food		Goods made and work done on a commission basis for the Ministry of Food		Sales	
	Quantity	Amount charged	Quantity	Value	Quantity	Amount charged	Quantity	Amount charged	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Principal products										
Margarine and compound cooking fat	9,468	7,243	116	795	660	476	10,127	7,720	116	795
Waste products	-	-	..	5	-	-	-	-	..	5
Work done for the trade on commission (other than for the Ministry of Food)				19(b)						19(b)
Total principal products	9,468	7,243		818	660	476	10,127	7,720		818
Other output										
Animal (except marine animal) oils, fats and greases, including suet and dripping	-	-	48	617	-	-	-	-	48	617
Vegetable and seed oils, refined	4,761	698					4,761	698		
Fish and marine animal oils, refined	963	122	9	64			963	122	9	64
Other goods	..	23	..	123	..	1	..	23	..	123
Total		8,086		1,622		477		8,563		1,622

(a) No sales by Scottish establishments were recorded.

(b) Amount charged.

## Purchased materials and fuel

## Larger establishments

TABLE 24

	England		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Vegetable oils, refined						
Hydrogenated	29	168	-	-	29	168
Other	65	378	-	-	65	378
Fish and animal oils, refined	18	112	-	-	18	112
Refined vitaminised oil (including vitamin concentrate)	121	1,073	2	59	123	1,132
Packing materials	-	1,863	-	108	-	1,971
All other purchased materials, including refined animal fats	..	1,156	..	26	..	1,182
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	88.2	241	2.7	7	90.9	248
Coke	..	(a)	..	(a)	1.9	7
Electricity purchased	Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)	
From public supply	12,482	51	1,403	7	13,885	58
From other sources	-	-	-	-	-	-
Electricity obtained from other works under the same ownership	-	-	-	-	-	-
Motor spirit (petrol) and deriv. fuel	Th. galls.		Th. galls.		Th. galls.	
Used for road vehicles	143	13	2	-	145	13
Used for other power purposes	3	-	-	-	3	-
Other oil fuel (including creosote/pitch mixtures)	38	1	-	-	38	1
Gas purchased	Th. therms		Th. therms		Th. therms	
From public supply	..	(a)	..	(a)	54	3
From other sources	-	-	-	-	-	-
Gas obtained from other works under the same ownership	-	-	-	-	-	-
All other purchased fuel	..	233	..	-	..	233
Total		5,299		208		5,506

(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			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	151	10	161	1	-	1	152	10	162
All ages	2,835	451	3,286	173	24	197	3,008	475	3,483
Females									
Under 18	212	47	259	15	1	16	227	48	275
All ages	1,628	278	1,906	129	13	142	1,757	291	2,048
Total									
Under 18	363	57	420	16	1	17	379	58	437
All ages	4,463	729 (b)	5,192 (b) (c)	302	37 (b)	339 (b) (c)	4,765	766 (b)	5,531 (b) (c)
Total remuneration	£'000 1,236	£'000 361	£'000 1,597	£'000 77	£'000 35	£'000 112	£'000 1,313	£'000 396	£'000 1,709

(a) Number at September 25, 1948.

(b) No working proprietors were recorded.

(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 £44,000; £41,000 for England and £3,000 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)
	Great Britain (b)		Great Britain (b)
1948		1948	
January	96.1	August	105.2
February	96.6	September	108.7
March	95.6	October	105.9
April	94.4	November	105.0
May	94.5	December	103.6
June	94.7	Percentage employment in this trade covered by the index	54.5
July	99.7		

(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.

(b) Owing to the risk of disclosure of information relating to individual firms, separate particulars for England and Scotland cannot be given.

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