

## 17 Margarine

This Report on the Margarine Industry relates to establishments engaged wholly or mainly in manufacturing margarine and compound fats.

This industry corresponds to minimum list heading 229(1) in the Standard Industrial Classification (Revised 1968) which has been used for the first time as a basis of classification in the 1968 Census. The definition of this industry however is unchanged from the last detailed Census of Production for 1963 in which it was reported (Part 16).

There were no establishments in this industry in Northern Ireland in 1963 and 1968.

In interpreting the data in the tables it is essential to bear in mind the notes and definitions which appear on pages (i) to (iv).



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(c) Including services rendered to other organisations (amounts charged for hiring out plant, machinery or other goods, for providing transport, or for technical or other services rendered).

(d) Administrative, technical and clerical employees.

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

(f) Acquisitions less disposals.

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

	Unit	All establishments		
		1963	1968	
Number of enterprises	No.	20	14	
Number of establishments	"	21	15	
Gross output	£'000	54,547	48,157	
Net output	"	7,418	7,051	
Net output per head	£	1,748	1,716	
Sales and work done	£'000	goods produced and work done (c)	53,519	41,719
		merchanted goods and canteen takings	922	6,555
Purchases	"	materials for use in production and packaging and fuel	45,613	33,412
		goods for merchandising and canteen purchases	816	6,432
Payments to other organisations	"	for work done on materials given out	4	-
		for transport	921	981
		by road		
	"	by rail and other means excluding postal services		
Stocks and work in progress	"			
Total stocks and work in progress	"	change during year	+ 329	- 397
		at end of year	2,612	3,192
Goods on hand for sale	"	change during year	+ 63	- 137
		at end of year	600	568
Work in progress	"	change during year	+ 42	+ 20
		at end of year	148	105
Materials, stores and fuel	"	change during year	+ 224	- 280
		at end of year	1,864	2,518
Number employed on average during the year	Th.	total, including working proprietors	4.2	4.1
		operatives	3.3	3.1
		other employees (d)	0.9	1.0
Wages and salaries	£'000	of operatives	2,422	2,979
		of other employees (d)	895	1,410
Capital expenditure (e)	"			
Total	"	772	1,322	
New building work	"	180	187	
Land and existing buildings (f)	"		3	
Plant and machinery (f)	"		549	1,106
Vehicles (f)	"	43	26	

(a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for 2 per cent. of the total figures in which they were incorporated: of this, unsatisfactory returns accounted for less than 1 per cent. For 1963 the comparable figures were 4 per cent. and 1 per cent. respectively.

(b) The following information relates to small establishments (employing fewer than 25 persons) in this industry. It includes an estimate for small establishments not making satisfactory returns.

	1963	1968
Number of establishments	11	7
Average number employed:		
Working proprietors	14	-
Other persons employed	125	74

Footnotes continued on page 17/2.



TABLE 2 Analysis by size of establishment within the industry, 1968

## (i) Output and employment

All establishments: United Kingdom

Number employed on average during the year by the establishment (a)	Estab-lish-ments	Enter-prises	Total number employed on average during the year (a)	Gross output	Net output	Net output per head
	Number	Number	Number	£'000	£'000	£
1-24	5	5	54	..	..	..
25-199	3	3	196	1,434	309	1,575
200 and over	5	4	3,838	45,855	6,616	1,724
Unsatisfactory returns	2	2	20	..	..	..
Total	15	14	4,108	48,157(b)	7,051(b)	1,716(b)

## (ii) Employees, wages and salaries

All establishments: United Kingdom

Number employed on average during the year by the establishment (a)	Employees		Wages and salaries		Wages and salaries per head	
	Oper-atives	Others (c)	Oper-atives	Others (c)	Oper-atives	Others (c)
	Number	Number	£'000	£'000	£	£
1-24	..	..	..	..	..	..
25-199	130	61	78	76	598	1,244
200 and over	2,924	914	2,848	1,309	974	1,432
Unsatisfactory returns	..	..	..	..	..	..
Total	3,110(b)	993(b)	2,979(b)	1,410(b)	958(b)	1,420(b)

(a) Including working proprietors.

(b) Including estimates for establishments employing fewer than 25 persons and for establishments not making satisfactory returns.

(c) Administrative, technical and clerical employees.

TABLE 3 Percentage analysis of employees, by age and sex, 1969 (a)

All establishments: United Kingdom

Ages	Males	Females	All employees
	Per cent.	Per cent.	Per cent.
Under 18	2	3	5
18 and over	55	40	95
All ages	57	43	100

Source: Department of Employment

(a) The percentages relate to the numbers employed (excluding working proprietors) at June 1969, the earliest date for which the information is available on the basis of the Standard Industrial Classification, (Revised 1968).

## Footnotes to Table 4.

(a) Including services rendered to other organisations (amounts charged for hiring out plant, machinery or other goods, for providing transport, or for technical or other services rendered).

(b) Direct sales of goods (excluding canteen takings) made to and work done for, the general public by larger establishments are included. They amounted to £1,000 in 1968. Similar information is not available for 1963.

(c) This is the ratio of total sales of principal products by the industry to total sales of goods produced and work done.

(d) Administrative, technical and clerical employees.

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

(f) Acquisitions less disposals.



TABLE 4 Analysis of larger establishments, 1963 and 1968

Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

	Unit	1963	1968	
Number of enterprises	No.	8	7	
Number of establishments	"	9	8	
Gross output	£'000	52,439	47,290	
Net output	"	7,131	6,924	
Net output per head	£	1,748	1,716	
Sales and work done	{ goods produced and work done (a) (b)	£'000	51,451	40,968
	{ merchanted goods and canteen takings	"	887	6,437
Index of specialisation (c)	Per cent.	85	85	
Purchases	{ materials for processing and packaging, and fuel	£'000	43,850	32,811
	{ goods for merchenting and canteen purchases	"	784	6,316
Payments to other organisations	{ for work done on materials given out	"	4	-
	{ for transport	"		
	{ by road	"		
	{ by rail and other means excluding postal services	"	885	964
Stocks and work in progress				
Goods on hand for sale	{ change during year	"	+ 61	- 134
	{ at end of year	"	576	558
Work in progress	{ change during year	"	+ 41	+ 20
	{ at end of year	"	142	104
Materials, stores and fuel	{ change during year	"	+ 215	- 275
	{ at end of year	"	1,792	2,473
Number employed on average during the year	{ total, including working proprietors	No.	4,079	4,034
	{ operatives	"	3,216	3,054
	{ other employees (d)	"	863	975
Wages and salaries	{ of operatives	£'000	2,336	2,926
	{ of other employees (d)	"	863	1,384
Wages and salaries per head	{ operatives	£	726	958
	{ other employees (d)	"	1,001	1,420
Capital expenditure (e)				
New building work	£'000		184	
Land and existing buildings	{ acquisitions	"	173(f)	
	{ disposals	"		3(f)
Plant and machinery	{ acquisitions	"	531	1,100
	{ disposals	"	3	14
Vehicles	{ acquisitions	"	67	36
	{ disposals	"	26	11

For notes to this table - see page 17/5.

TABLE 5 Sales of principal products of the industry by larger establishments, including sales by establishments classified to other industries, 1963 and 1968

Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

	1963		1968		Enter-prises	Entries
	Quantity	Value	Quantity	Value		
Margarine	Th.cwt.	£'000	Th.cwt.	£'000	Number	Number
For domestic use	5,452	30,509	4,383	24,812	8	9
For trade use	1,140	5,642	1,332	6,972	8	9
Compound fat (including shortening)						
For domestic use	852	5,135	816	4,771	9	10
For trade use	2,398	13,100	1,992	11,727	18	18
Other products	..	65	..	64	*	*
Waste products				26	*	*
Work done		712		185	*	*
Total		55,163		48,558	..	..
Sales in other industries (see Table 6)		11,360		13,875		
Principal products of this industry sold by establishments in the industry		43,803		34,683	7	8(a)

(a) This figure represents the total number of returns made for larger establishments in this industry.

TABLE 6 Sales of principal products of the industry by larger establishments classified to other industries, 1963 and 1968.

Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

Sales of principal products by larger establishments classified to other industries amounted to £13,875,000 in 1968 and £11,360,000 in 1963. Owing to the risk of disclosure of information relating to individual firms separate particulars cannot be given.



TABLE 7 Sales of other than principal products by larger establishments in the industry, 1963 and 1968

Establishments employing 25 or more persons:  
Analysis of returns received, United Kingdom

	1963	1968
	Value £'000	Value £'000
Sales of goods other than principal products (including services rendered to other organisations (a))	7,648	6,284
Total value of goods sold without being subjected to any manufacturing process (merchanted or factored) and canteen takings	887	6,437
<b>Total</b>	<b>8,534</b>	<b>12,721</b>

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

TABLE 8 Production of certain principal products of the industry by larger establishments, 1963 and 1968

This table is not applicable to this industry.

TABLE 9 Purchases by larger establishments of selected principal products of the industry, 1968

This table is not applicable to this industry.

TABLE 10 Purchases by larger establishments in the industry, 1963 and 1968

Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

	1963		1968	
	Quantity	Cost £'000	Quantity	Cost £'000
<b>Materials for use in production</b>				
Oils, imported as such, not processed in any way in the United Kingdom				
Vegetable and seed oils	..	5,825	..	1,198
Marine animal and fish oils	..	..	..	951
Oils, home produced or home processed	..	24,261	..	20,952
Lard	..	5,274	..	1,665
Other animal fats (excluding butter)	..	531	..	254
Butter				
Imported	..	1,891	..	366
Manufactured or blended in United Kingdom	..	..	..	400
Wheat flour, home milled	..	..	Th. tons 2.4	118
Sugar (including invert), glucose and honey	..	..	Th. cwt. 104	339
Milk powder	..	(a)	..	116
Fresh fruit and fruit pulp, and dried fruit including dried or candied peel	..	..	..	362
Salt	..	..	..	34
Essences and flavouring compounds, confectioners' colours and other dyes for foods, etc	..	..	..	462
Lubricating oils and greases	Th. gal. 8.2	3	..	3
Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement				
Tyres and other spare parts for firms' own road goods vehicles	..	184	..	11
Other	..	..	..	175
All other materials for use in production	..	2,217	..	848
<b>Packaging materials</b>				
Paper and board				
Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard	..	1,601	..	589
Fibreboard packing cases	..	..	..	1,066
Bags and multiwall paper sacks	..	(a)	..	19
Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal)	..	647	..	644
Other packaging materials of paper and paperboard (including moulded pulp units and labels)	..	..	..	92

Continued on next page.



TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
		£'000		£'000
Packaging materials (continued)				
Metal				
Aluminium collapsible tubes, aluminium foil and any laminates incorporating aluminium foil and aluminium foil labels and closures	..	640	..	228
Cans and boxes			..	317
Barrels, kegs and drums			Thousands 36.9	11
Other packaging materials of metal including crown corks, wire, foil and any laminates incorporating foil (other than aluminium foil), foil labels and foil closures, tensional steel strappings, etc	..	(a)	..	6
Glass containers			35.4	491
All other packaging materials	..	344	..	650
Fuel and electricity (b)				
Coal	Th. tons 19.5	115	Th. tons 5.7	31
Derv fuel and motor spirit for use in road vehicles	Th. gal. 77.4	17	Th. gal. 75.7	20
Gas	Th. therms 84.7	7	Th. therms 56.7	4
Electricity	Th. kWh 26,483	169	Th. kWh 32,389	183
Other liquid fuels (including creosote/pitch mixtures, etc and liquefied petroleum gases)	Th. gal. 3,545	123	..	206
Total cost of materials and fuel		43,850		32,811
Goods purchased for merchanting		727		6,243
Canteen purchases		57		73
Total cost of purchases		44,634		39,127

(a) Not recorded separately for 1963.

(b) Owing to the risk of disclosure of information relating to individual firms, total quantities of electricity generated in firms' own establishments in 1963 and 1968 cannot be given.

TABLE 11 Transport costs and employment of larger establishments, 1963 and 1968

Establishments employing 25 or more persons:  
Analysis of returns received, United Kingdom

	Unit	1963	1968
Average number mainly employed on transport	No.	37	45
Transport costs			
Wages and salaries	£'000	34	55
Derv fuel and motor spirit	"	17	20
Tyres and other spare parts for road goods vehicles	"	..	11
Payments to other organisations for transport	{ by road by rail and other means excluding postal services	885	964
Costs of operating road goods vehicles			
Insurance	"	2	2
Vehicle licences	"	4	5
Depreciation	"	15	12
Payments to other organisations for repairs and maintenance	"	13	3
Total	"	970(a)	1,072

(a) Excluding tyres and other spare parts for road goods vehicles, not collected separately for 1963.

TABLE 12 Payments for certain services, etc by larger establishments, 1963 and 1968 (a)

Establishments employing 25 or more persons:  
Analysis of returns received, United Kingdom

	Amounts payable	
	1963	1968
Repairs and maintenance to	£'000	£'000
Buildings	83	85
Road goods vehicles	13	3
Plant, machinery and other capital equipment	52	95
Insurance, licensing and depreciation of road goods vehicles (b)	21	19
Rates, excluding water rates	65	124
Hire of plant and machinery	11	30
Postage, telephone, telegrams, cables and telex (c)	28	37
Total	273	393

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

(b) For details see Table 11.

(c) Excluding telex for 1963.



TABLE 13 Percentage analysis of twelve-month periods covered by returns from larger establishments, 1968

Establishments employing 25 or more persons:  
Analysis of returns received, United Kingdom

Year ended	Percentage of total returns received	Percentage of total number employed
1968	Per cent.	Per cent.
April (a)	0.0	0.0
May	12.5	0.6
June	0.0	0.0
July	0.0	0.0
August	0.0	0.0
September	0.0	0.0
October	0.0	0.0
November	0.0	0.0
December	37.5	80.3
1969		
January	37.5	14.2
February	0.0	0.0
March	12.5	5.0
April (b)	0.0	0.0
	100	100

(a) From 6 April.

(b) To 5 April.