



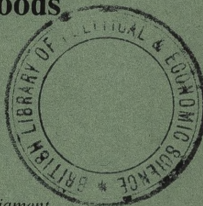
BOARD OF TRADE

FINAL REPORT  
on the  
CENSUS OF PRODUCTION  
FOR 1948

Volume 9

Trade C

**Cattle, Dog and Poultry Foods**



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

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In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report but also the general explanations and qualifications contained in the separate booklet published in this series by H.M. Stationery Office entitled "Final Reports of the Census of Production for 1948: Introductory Notes", price 2s.0d. NET

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\* Not applicable to this trade

### CATTLE, DOG AND POULTRY FOODS TRADE

THIS REPORT on the Cattle, Dog and Poultry Foods Trade relates to establishments engaged wholly or mainly in the manufacture or compounding of cattle foods, dog biscuits, fish meal, poultry grit and spice, animal medicines and condiments, birdseed etc. The 1948 particulars include, whilst the 1937 and 1935 particulars exclude, establishments in this trade maintained by railway undertakings, as railway companies were not required to make separate establishment returns in the earlier years. It is estimated that the net output as shown for 1935 is deficient on this account by about 2 per cent. and the employment by about 4 per cent.

This trade corresponds to minimum list heading 162 (3) 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  
CATTLE, DOG AND POULTRY FOODS TRADE

Summary  
Larger establishments

TABLE 1

	1948(a)	1937(b)	1935(b)
	£'000	£'000	£'000
Gross output (production)	35,877	13,944	10,537
Cost of materials and fuel used	27,852	9,699	6,919
Payment for work done on materials given out	6	3	6
Net output	8,019	4,242	3,612
Wages and salaries of persons employed	3,910	..	..
	No.	No.	No.
Average number of persons employed	12,084 (c)	10,054	9,220
	£	£	£
Net output per person employed	664	422	392
	£'000	£'000	£'000
Stocks at end of year			
Finished products and work in progress	1,397	..	..
Materials and fuel	2,907	..	..
	No.	No.	No.
Number of establishments	178	..	154

(a) Great Britain only.

(b) United Kingdom.

(c) 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)	34,725	13,535	10,287
Other output (see Table 10)	1,602	409	250
Adjustment for changes in stocks and work in progress (see Table 14)	+315	..	..
Less payment for transport by other firms	36,642 765	13,944	10,537
Gross output (production)	35,877	13,944	10,537
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	28,606	9,699	6,919
Adjustment for changes in stocks (see Table 14)	-754		
Materials and fuel used	27,852	9,699	6,919

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## Summary, 1948

## Small firms in Great Britain

TABLE 2

Number of returns	885
Average number of persons employed (a)	
Males	3,572
Females	501
Total	4,073

(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)	12,084
Employing on average ten persons or less (b)	4,073
	16,157
Estimated average employment in firms not making satisfactory returns	254
Estimated average employment in all firms	16,411

(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	73	3,597	815	1,233	251	118	369	661
25-49	50	4,440	955	1,705	342	172	514	560
50-99	28	4,605	1,421	1,997	361	330	691	712
100-199	14	5,084	1,339	1,972	460	199	659	679
200-299	6	4,837	929	1,395	307	122	429	666
300 and over	7	13,314	2,560	3,782	872	376	1,248	677
Total	178	35,877	8,019	12,084	2,592	1,317	3,910	664

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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	6	111	62	0.8	103	19	4	24
East and West Ridings of Yorkshire	10	4,108	752	9.4	1,237	297	141	438
North Midland	18	1,356	484	6.0	764	164	67	231
Eastern	16	1,117	239	3.0	456	89	42	131
London and South Eastern	25	7,160	1,737	21.7	2,333	535	278	813
Southern	8	1,156	385	4.8	343	75	64	139
South Western	21	3,537	682	8.5	1,109	230	140	370
Midland; and Wales	15	673	213	2.7	405	67	56	123
North Western	35	14,527	3,027	37.8	4,511	947	447	1,394
Total England and Wales	154	33,746	7,582	94.6	11,261	2,423	1,239	3,663
Scotland	24	2,131	437	5.4	823	169	78	247
Great Britain	178	35,877	8,019	100.0	12,084	2,592	1,317	3,910

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									
Feeding stuffs for animals (including poultry) except dog foods	147	32,314	30,883	6,246	9,764	2,239	941	3,180	640
Dog foods	16	2,626	2,109	1,173	1,365	274	169	443	859
Remainder of the trade	15	937		600	955	79	208	287	628
Total	178	35,877		8,019	12,084	2,592	1,317	3,910	664

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) Production		1935(b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. tons	£'000	No.	Th. tons	£'000	Th. tons	£'000
Feeding stuffs for animals, poultry, etc. (except dog foods) (c)							
Oil seed cake purchased and kibbled or ground	6	81	51	34	272 (d)	44	325 (d)
Compound cakes, cubes, meals, etc. (e)							
For poultry	416	6,997	109	306	3,435 (f)	223	2,222 (f)
For cattle	877	12,442	96				
For calves	122	2,285	83				
For pigs	238	3,879	109	713	6,058	582	4,186
Other sorts	21	345	54				
Unclassified	..	300	..				
Molassed feeds containing not less than 30 per cent molasses	29	311	15	45	270 (g)	31	168 (g)
Fish meal							
Herring meal	2	30	..	2	15	1	12
Other fish meal	48	1,191	12	79	1,006	83	993
Meat meal, meat and bone meal, bone meal and sterilised bone flour	17	231	42	47	443 (h)	27	218 (h)
Bird seeds prepared and mixed	1 ..	283 33	9	..	(1)	..	(1)
Livestock mixtures	3	54	24				
Livestock concentrates	33	814	12				
Other feeding stuffs for animals				156	1,287 (j)	172	1,171
Maize products, so far as recorded separately	41	537	43				
Other descriptions	..	2,920	115				
Dog foods							
Biscuits	21	1,448	23	56	1,447 (j)	53	1,245
Meal	9	625	10				
Other dog foods	11	1,032	19	6	191 (j)	8	230

TABLE 8 (contd.)

	1948(a) Sales			1937(b) Production		1935(b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. tons	£'000	No.	Th. tons	£'000	Th. tons	£'000
Medicines, spices and condiments for animals, poultry, etc.	..	1,437	28	..	642	..	540
Hay and straw chopped (k)	15	154	12	30	132	29	125
Waste products	..	31	7	..	(1)	..	(1)
Work done for the trade or on commission (except the processing of cereals and pulses for a grower)		68 (l)	26		-		-
Total		37,508	..		15,198		11,435
Less sales (or production) in other trades (see Table 9)		2,783	..		1,663		1,148
Total principal products of this trade sold or made by establishments in the trade		34,725	165		13,535		10,287

(a) Great Britain only.

(b) United Kingdom.

(c) Excluding animal feeding stuffs produced as a by-product of seed crushing or grain milling, for which see the Seed Crushing and Oil Refining Trade (Volume 2, Trade P) and the Grain Milling Trade (Volume 8, Trade A) respectively.

(d) Described as "Oil seed cake, ground".

(e) 1948 - As defined in S.R. &amp; O. 1946, No. 1261. 1935 and 1937 - Described as "Compound cake and meal (as defined in Part II of the First Schedule to the Fertilisers and Feeding Stuffs Act, 1926)."

(f) Described as "Poultry foods (including grits and bird seeds prepared and mixed), not elsewhere specified".

(g) Described as "Molasses feeds (including any feeding stuffs composed of treacle or molasses with an absorbent, containing not less than ten per cent of sugar)".

(h) Described as "Meat meal (including whale meat meal) and bone meal", so far as recorded separately.

(i) Not recorded separately.

(j) Firms classified in the trades not covered by the 1937 Inquiry recorded the following output in 1935.

	Th. tons	£'000
Other feeding stuffs for animals	22.4	156
Dog biscuits and meal	0.1	3
Other dog foods	0.1	4

(k) So far as recorded separately.

(l) Amount charged.

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 Th. tons	Value £'000	Entries No.	Quantity Th. tons	Value £'000	Quantity Th. tons	Value £'000
Feeding stuffs for animals, poultry, etc. (except dog foods) (c)							
Oil seed cake purchased and kibbled or ground				13	96	15	108
Compound cakes, cubes, meals etc.	3	49	..				
For poultry				69	729	22	200
Other				10	97	3	24
Fish meal (other than herring)	10	236	..	8	96	10	117
Meat meal, meat and bone meal, bone meal and sterilised bone flour	17	230	39	36	307	26	215
Livestock concentrates	2	25	..	-	-	-	-
Other feeding stuffs including molassed feeds (containing not less than 30 per cent molasses), bird seeds prepared and mixed, and hay and straw chopped	..	720	48	41	318	67	460
Dog foods							
Biscuits	4	283	10			..	7
Meal	6	378	3				
Other dog foods	5	306	12			..	6
Medicines, spices and condiments for animals, poultry etc.	..	535	9	..	20	..	11
Work done for the trade or on commission (except the processing of cereals and pulses for a grower)		22 (d)	9				
Total		2,783			1,663		1,148

- (a) Great Britain only.  
 (b) United Kingdom.  
 (c) See footnote (c) to Table 8.  
 (d) 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
	£'000	£'000	£'000
Fertilisers and disinfectants, and oils, fats and greases	327	79	62
Manufactured cereals	1,023	109	81
Biscuits for human consumption	28	191	89
Other goods	118	29	17
Work done for the trade or on commission (c)	106	1	1
Total	1,602	409	250

- (a) Great Britain only.  
 (b) United Kingdom.  
 (c) Amount charged in 1948 and amount received in 1937 and 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	158	0.4
Other wholesale or selling organisations (including branches abroad)	2,819	7.8
Retail shops, etc.	576	1.6
Total sales (or transfers) to other organisations under the same control	3,553	9.8
Sales to independent buyers		
Exports invoiced directly overseas	7	-
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	6	-
His Majesty's Government and Local Authorities (other than productive establishments)	25	0.1
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	696	1.9
Wholesalers, merchants and other agents for resale	12,082(a)	33.4
Retailers, including multiple shops, caterers and N.A.A.F.I., for resale	4,318	11.9
Other businesses (including farmers) and institutions of all kinds	15,190	42.0
Members of the public, including employees	298	0.8
Total sales to independent buyers	32,622	90.2
Total	36,174	100.0

(a) Of this total £10,206,000 was recorded as divided between £38,000 for export and £10,168,000 for other sales.

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

TABLE 12

		Production (b) (c)	Exports	Retained imports
		Th. tons	Th. tons	Th. tons
Fish meal				
Herring meal	{ 1948 1937	2 2	- 1	6 3
Other fish meal	{ 1948 1937	48 79	- 11	- 4
Meat meal, meat and bone meal, bone meal and sterilised bone flour	{ 1948 1937	17 47(d)	1 -(e)	16 10(e)
Dog foods				
Biscuits and meal	{ 1948 1937	30 56	- 2	- -
Other	1948	11	-	-

(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) So far as recorded separately.

(e) Meat meal only.

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. tons	£'000	Th. tons	£'000	Th. tons	£'000
Materials						
Oil seed cakes and meals (including extracted meals)						
Cotton seed	24	228	216	1,406(c)	147	786(d)
Groundnut	109	1,033				
Linseed	112	1,308				
Other descriptions	203	1,819				
Unclassified	..	519				
Melasses	83	428	83	243	68	190
Cereals and cereal by-products						
Rice bran	43	350	106	582	96	389
Wheat flour damaged or otherwise unfit for human consumption	27	806	69	692(e)	70	507(e)
Wheat by-products	362	3,270	153	1,044	132	893
Barley	255	3,963	16	132(f)		
Maize, maize meal and hominy chop	424	4,205	72	470(g)		
Oats	34	694	6	57(h)		
Other descriptions (including reconditioned damaged cereal feeds)	66	833	..	(1)		
Tapioca products	2	23	15	96	..	4,153(j)
Meat meal, meat and bone meal, bone meal and sterilised bone flour	23	504	17	181(k)		
Fish meal	21	528	14	179		
Packing materials	..	3,155	..	461		
Dried milk products (including dried whey powder and whey paste)	6	241				
Fish waste	186	532	..	3,318		

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. tons	£'000	Th. tons	£'000	Th. tons	£'000
Materials (contd.)						
All other purchased materials	..	2,779				
Materials unclassified	..	660	..	585		
Fuel and electricity						
Coal	70.7	213	76.8	87	69.3	67
Coke	10.4	57	..	(1)	11.0	15
Electricity purchased	Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)	
From public supply						
From other sources	70,610	308	34,725	96	32,781	103
Electricity obtained from other works under the same ownership						
Motor spirit (petrol) and deriv. fuel	Th. galls.				Th. galls.	
Used for road vehicles	784	73	..	(1)	..	(1)
Used for other power purposes	157	8				
Other oil fuel (including creosote/ pitch mixtures)	1,261	47	..	(1)	999	16(1)
Gas purchased	Th.therms					
From public supply	610	30	..	70	..	(1)
From other sources	-	-				
Gas obtained from other works under the same ownership	-	-				
All other purchased fuel	..	5				
Fuel unclassified	..	6				
Total		28,806		9,699		6,919

- (a) Great Britain only.  
(b) United Kingdom.  
(c) Described as "Oil seed cake" and "Meals made from seeds and nuts".  
(d) Oil seed cake only.  
(e) Described as "Wheat flour".  
(f) Described as "Barley meal".  
(g) Described as "Maize meal including gluten feed and maize germ meal".  
(h) Described as "Oats ground".  
(i) Not recorded separately.  
(j) Including fuel not specified separately.  
(k) Described as "Meat meal including whale meat meal".  
(l) 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

	At beginning of year		At end of year	
	Quantity	Value	Quantity	Value
	Th. tons	£'000	Th. tons	£'000
Finished products				
Compound cakes, cubes, meals, etc.	59	846	79	1,122
Fish meal	1	14	-	8
Dog foods	2	69	2	66
Other finished products	..	140	..	187
Work in progress		12		14
Total finished products and work in progress		1,082		1,397
Materials and fuel				
Oil seed cakes and meals	28	290	30	315
Wheat by-products	17	191	15	225
Barley	7	118	12	191
Other descriptions of materials and fuel	..	1,554	..	2,175
Total materials and fuel		2,153		2,907

## 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	153	340	305	62	164	102	215	504	407
All ages	7,777	5,076	4,847	2,183	2,623	2,495	9,960	7,699	7,342
Females									
Under 18	82	708	350	179	149	86	261	857	436
All ages	1,024	1,608	1,243	1,076	747	635	2,100	2,355	1,878
Total									
Under 18	235	1,048	655	241	313	188	476	1,361	843
All ages	8,801	6,684	6,090	3,259(e)	3,370	3,130	12,060 (e) (f) (g)	10,054	9,220
Total remuneration	£'000 2,592	..	..	£'000 1,317	..	..	£'000 3,910	..	..

(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	5 males	124 females
Other workers	728 males	144 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, 24 working proprietors (22 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 £97,000.

(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	212	
Maintenance and repair of firms' buildings but not plant	75	
Research work not directly connected with current production however charged	-	-

## 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
	£'000	£'000					
Wages and salaries of							
Operatives	2,592	1,011	23.5	23.1	24.8	28.6	100.0
Administrative, technical and clerical employees	1,317	457	24.1	24.8	25.2	26.0	100.0
Total	3,910	1,468	23.6	23.7	24.9	27.8	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 £6,000.

## Payments for certain services, 1948

## Larger establishments in Great Britain

TABLE 18

	Amount paid
	£'000
Repair and maintenance	
Of buildings	57
Of plant, machinery and vehicles	258
Unclassified	168
Hire of plant, machinery and vehicles	7
Advertising and market research	
Advertising in newspapers, magazines and periodicals	124
Other advertising services (poster display, despatch of circulars, etc.) and market research	60
Unclassified	97
Payments made for research work	
To research associations	1
To universities, institutions, academic bodies and similar agencies	1
To other commercial concerns	8
Postage, telephone, telegrams and cables	74
Commercial insurance premiums	110
Rates (excluding water rates) payable in the year	47

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## 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	600	13	25
Vehicles	164	46	54
Total	764	59	79

## 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)		169
2. Existing buildings and land (b)		
(1) Capital cost of freeholds bought	31	
Estimated capital value of		
(11) Rented property newly occupied in the year (c)	14	
(111) Leasehold buildings and land newly occupied in the year	53	
Total of heading 2		98
Total of headings 1 and 2		267
3. Existing buildings and land relinquished (d)		
(1) Selling value of freeholds sold	1	
(11) Estimated value of other properties relinquished	6	
Total of heading 3		7
4. Headings 1 and 2 less heading 3		259

- (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.

DS 5801/1

## CATTLE, DOG AND POULTRY FOODS TRADE

1948

## Summary

## Larger establishments

NOTE - Owing to the risk of disclosure of information relating to individual firms, separate particulars for larger establishments in Wales cannot be given.

TABLE 21

	England and Wales	Scotland	Great Britain
	£'000	£'000	£'000
Gross output (production)	33,746	2,131	35,877
Cost of materials and fuel used	26,159	1,693	27,852
Payments for work done on materials given out	5	1	6
Net output	7,582	437	8,019
Wages and salaries of persons employed	3,663	247	3,910
Average number of persons employed	No. 11,261	No. 823	No. 12,084
Net output per person employed	£ 673	£ 531	£ 664
Stocks at end of year	£'000	£'000	£'000
Finished products and work in progress	1,319	77	1,397
Materials and fuel	2,778	128	2,907
Number of establishments	No. 154	No. 24	No. 178

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

	England and Wales	Scotland	Great Britain
	£'000	£'000	£'000
Output of firms in this trade			
Total value of sales (see Table 23)	34,194	2,132	36,327
Adjustment for changes in stocks and work in progress	+ 299	+ 16	+ 315
	34,494	2,148	36,642
Less payment for transport by other firms	748	17	765
Gross output (production)	33,746	2,131	35,877
Materials and fuel used by firms in this trade			
Purchases (see Table 24)	26,903	1,702	28,606
Adjustment for changes in stocks	- 745	- 9	- 754
Materials and fuel used	26,159	1,693	27,852

## Summary

## Small firms

TABLE 22

	England	Wales	Scotland	Great Britain
Number of returns	805	27	53	885
Average number of persons employed (a)				
Males	3,236	88	248	3,572
Females	442	10	49	501
Total	3,678	98	297	4,073

(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.tons	£'000	Th.tons	£'000	Th.tons	£'000
Principal products						
Feeding stuffs for animals, poultry, etc. (except dog foods)						
Oil seed cake purchased and kibbled or ground and compound cakes, cubes, meals etc.	..	24,705	..	1,575	..	26,280
Fish meal						
Herring meal	..	(a)	..	(a)	2	30
Other fish meal	..	(a)	..	(a)	38	956
Meat meal, meat and bone meal, bone meal and sterilised bone flour	-	-	-	-	-	-
Livestock mixtures	3	49	-	5	3	54
Livestock concentrates	..	(a)	..	(a)	31	789
Other feeding stuffs including molassed feeds (containing not less than 30 per cent molasses), bird seeds prepared and mixed, and hay and straw chopped	..	3,283	..	215	..	3,499
Dog foods						
Biscuits	17	1,165	-	-	17	1,165
Meal	4	246	-	-	4	246
Other dog foods	7	725	-	-	7	725
Medicines, spices and condiments for animals, poultry, etc.	..	903	-	-	..	903
Waste products	..	31	-	-	..	31
Work done for the trade or on commission (except the processing of cereals and pulses for a grower)		46(b)		-		46(b)
Total principal products		32,745		1,980		34,725

TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th.tons	£'000	Th.tons	£'000	Th.tons	£'000
Other output						
Fertilisers and disinfectants and oils, fats and greases	..	238	..	89	..	327
Manufactured cereals	..	963	..	61	..	1,023
Biscuits for human consumption	..	28	-	-	..	28
Other goods	..	118	-	-	..	118
Work done for the trade or on commission (except the processing of cereals and pulses for a grower)		103(b)		3(b)		106(b)
Total		34,194		2,132		36,327

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

## Purchased materials and fuel

## Larger establishments

TABLE 24

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th.tons	£'000	Th.tons	£'000	Th.tons	£'000
Materials						
Oil seed cake and meals (including extracted meals)						
Cotton seed	23	215	2	13	24	228
Ground nut	102	968	7	65	109	1,033
Linseed	104	1,218	8	89	112	1,308
Other descriptions	191	1,709	12	110	203	1,819
Unclassified	..	464	..	55	..	519
Molasses	78	404	4	24	83	428
Cereals and cereal by-products						
Rice bran	41	332	2	18	43	350
Wheat flour damaged or otherwise unfit for human consumption	27	805	-	1	27	806
Wheat by-products	345	3,115	17	156	362	3,270
Barley	243	3,779	12	184	255	3,963
Maize, maize meal and hominy chop	405	4,009	19	196	424	4,205
Oats	29	599	5	95	34	694
Other descriptions (including reconditioned damaged cereal feeds)	56	738	10	94	66	833
Tapioca products	2	23	-	-	2	23
Meat meal, meat and bone meal, bone meal and sterilised bone flour	22	493	1	11	23	504
Fish meal	19	474	2	54	21	528
Packing materials	..	3,000	..	155	..	3,155
Dried milk products (including dried whey powder and whey paste)	6	233	-	8	6	241
Fish waste	..	(a)	..	(a)	186	532

TABLE 24 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials (contd.)	Th.tons	£'000	Th.tons	£'000	Th.tons	£'000
All other purchased materials	..	2,571	..	208	..	2,779
Materials unclassified	..	639	..	21	..	660
Fuel and electricity						
Coal	61.6	186	9.1	27	70.7	213
Coke	..	(a)	..	(a)	10.4	37
Electricity purchased	Th.B.T.U. (kW.hrs.)		Th.B.T.U. (kW.hrs.)		Th.B.T.U. (kW.hrs.)	
From public supply						
From other sources	66,493	289	4,116	18	70,610	308
Electricity generated in other works under the same ownership						
Motor spirit (petrol) and deriv. fuel	Th.galls		Th.galls.		Th.galls.	
Used for road vehicles	702	65	81	8	784	73
Used for other power purposes	137	7	20	1	157	8
Other oil fuel (including creosote/pitch mixtures)	..	(a)	..	(a)	1,261	47
Gas purchased	Th.therms		Th.therms		Th.therms	
From public supply	604	30	6	1	610	30
From other sources	-	-	-	-	-	-
Gas produced in other works under the same ownership	-	-	-	-	-	-
All other purchased fuel	..	5	-	-	..	5
Fuel unclassified	..	6	-	-	..	6
Total		26,903		1,702		28,606

(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	Admini- strative, technical and clerical employees (a)	Total	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total
Males									
Under 18	122	55	177	31	7	38	153	62	215
All ages	7,206	2,050	9,256	571	133	704	7,777	2,183	9,960
Females									
Under 18	82	170	252	-	9	9	82	179	261
All ages	979	1,003	1,982	45	73	118	1,024	1,076	2,100
Total									
Under 18	204	225	429	31	16	47	235	241	476
All ages	8,185	3,053 (b)	11,238 (b) (c)	616	206 (b)	822 (b) (c)	8,801	3,259 (b)	12,060 (b) (c)
Total remuneration	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
	2,423	1,239	3,663	169	78	247	2,592	1,317	3,910

(a) Number at September 25, 1948.

(b) There were, in addition, 24 working proprietors (22 males, 2 females) in Great Britain; 21 males, 2 females in England and Wales and 1 male 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 £97,000; £89,000 for England and Wales, and £7,000 for Scotland.

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

TABLE 26

Month	Monthly index (a)			Month	Monthly index (a)		
	England and Wales	Scotland	Great Britain		England and Wales	Scotland	Great Britain
1948				1948			
January	97.8	98.5	97.9	August	103.5	94.1	102.6
February	99.2	100.0	99.3	September	104.7	98.5	104.1
March	95.2	101.2	95.8	October	106.0	108.5	106.3
April	93.7	98.2	94.1	November	108.4	113.2	108.8
May	92.5	93.2	92.6	December	110.1	108.5	109.9
June	93.3	92.6	93.2	Percentage employment in this trade covered by the index	37.0	55.2	38.3
July	95.6	92.6	95.3				

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

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