

THE CATTLE, DOG AND POULTRY FOODS TRADES

INTRODUCTORY

These trades comprise firms that were engaged wholly or mainly in the manufacture of cattle, dog and poultry foods, except cereal feeding stuffs produced by grain milling firms (*see* page 23) and oil-seed cake manufactured by seed-crushing firms (*see* page 362).

Table I A.—General summary

Particulars	1935	1934	1933	1930	1924
Value of products (Gross output)...	£'000 10,461	£'000 9,021	£'000 7,602	£'000 6,168	£'000 6,513
Cost of materials, fuel and electricity used	6,874	5,730	4,923	4,187	4,526
Amount paid for work given out	6	3	2	—	—
Net output	3,581 No.	3,288 No.	2,677 No.	1,981 No.	1,987 No.
Average number of persons employed	9,062	8,051	7,542	6,278	5,135
Net output per person employed...	£ 395 No.	£ 408	£ 355	£ 316 No.	£ 387 No.
Number of returns	137	* }	* {	79	77
Number of establishments...	148			88	*

* Not available.

Table I B.—Firms employing not more than ten persons on the average

Particulars	1935	1930	1924
Number of returns received	No. 94	No. 88	No. 70
Average number of persons employed :—			
Males... ..	404	396	258
Females	73	71	72
TOTAL	477	467	330
Number of firms not making returns	2	9	14

In 1924 the value of the gross output of the small firms was 5·2 per cent. of the total, the principal items affected being oil-seed cake, ground or mixed, £132,000 (29·8 per cent.), and unsweetened feeding stuffs for animals, other than oil-seed cake and dog and poultry foods, £110,000 (6·0 per cent.).

Table II.—Size of establishments in 1935

Size of establishment (average number employed)	Number of establishments	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
11-24	76	1,494	390	1,295	301
25-49	35	1,472	444	1,295	343
50-99	18	1,159	409	1,332	307
100-199... ..	10	1,782	623	1,487	419
200-399... ..	5	1,138	468	1,158	404
400 and over	4	3,416	1,247	2,495	500
TOTAL	148	10,461	3,581	9,062	395

Table III.—Particulars of output, etc., in each of the principal areas of the United Kingdom

Area*	Number of establishments†	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
1 { 1935	23	3,221	1,288	2,988	431
... .. { 1930	17	2,175	874	2,524	346
2 { 1935	34	3,578	1,311	3,014	435
... .. { 1930	18	2,177	561	2,023	277
3 1935	3	84	18	74	245
4 1935	3	83	30	117	258
5 1935	8	157	56	224	252
6 1935	7	210	48	171	281
7 1935	9	817	224	548	410
8 1935	7	223	57	158	360
9 1935	8	197	61	194	314
10 and 13 1935	20	1,212	347	1,023	340
3 to 13 { 1935	65	2,983	841	2,509	335
... .. { 1930	29	1,385	442	1,263	350
14 1935	5	181	26	92	275
15 1935	8	151	45	131	344
16 1935	3	69	13	58	228
17 1935	5	179	42	186	225
14 to 17 { 1935	21	580	126	467	269
... .. { 1930	11	339	97	401	243
18 { 1935	5	99	15	84	179
... .. { 1930	4	92	7	67	104
TOTAL { 1935	148	10,461	3,581	9,062	395
... .. { 1930	79	6,168	1,981	6,278	316

* For particulars *see* page xviii.

† Number of returns for 1930.

Table IV.—Sub-divisions of the industry in 1935*

Group	Number of establishments	Gross output	Value of characteristic products	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	£'000	No.	£
Feeding stuffs for animals (except dog foods) ...	84	7,399	6,049	2,132	5,163	413
Dog foods... ..	22	1,636	1,314	782	2,221	352
Other manufactures	42	1,426	...	667	1,678	397
TOTAL ...	148	10,461	...	3,581	9,062	395

* Similar particulars for 1930 are not available.

PRODUCTION

Table V.—Output of principal products

Kind of goods	1935			1934	
	Quantity	Value	Entries	Quantity	Value
	Th. tons	£'000	No.	Th. tons	£'000
Feeding stuffs for animals (except dog foods) :—					
Oil seed cake, ground ...	37.3	282	96	38.5	287
Molasses feeds, including any feeding stuffs composed of treacle or molasses with an absorbent, containing not less than ten per cent. of sugar ...	30.9	168	12	21.1	114
Compound cake and meal :—					
Sweetened... ..	454.9	3,124	50	377.2	2,680
Not sweetened	156.5	1,247	45	109.7	899
Fish meal :—					
Herring meal	1.4	12	8	67.8	897
Other	83.0	993	27		
Meat meal*	26.5	218	43	26.5	226
Other feeding stuffs for animals	169.6	1,163	106	103.9	736
Dog biscuits and hound meal :—					
Sweetened	13.2	426	12	47.6	1,126
Not sweetened	39.7	819	31		
Other dog foods	8.3	230	14	6.6	498
Poultry foods (including grits and bird seeds prepared and mixed)	223.1	2,222	96	184.7	1,884
Medicines, spices, and condiments for animals, poultry, etc. ... ..	...	540	33	...	522
TOTAL — PRINCIPAL PRODUCTS ... ..	...	11,444	...	...	9,569

* So far as recorded separately.

The figures shown in the preceding table include the following output recorded by firms whose returns were made on schedules for other trades and are not, therefore, included in Table I A.

Kind of goods	1935			1934	
	Quantity	Value	Entries	Quantity	Value
	Th. tons	£'000	No.	Th. tons	£'000
Feeding stuffs for animals (except dog foods) :—					
Oil seed cake, ground	8.1	65	71	10.5	83
Compound cake and meal :—					
Sweetened	29.8	186	13	17.7	102
Not sweetened	2.8	23	9	2.2	14
Fish meal	9.5	117	14	8.9	118
Meat meal... ..	26.0	215	42	25.0	213
Other feeding stuffs for animals	55.7	402	49	17.5	141
Dog biscuits and hound meal :—					
Sweetened... ..	0.1	4	4	1.1	11
Not sweetened	0.2	3	3		
Other dog foods	0.3	6	5		
Poultry foods (including grits and bird seeds prepared and mixed)	22.3	200	7	20.5	183
Medicines, spices and condiments for animals, poultry, etc. ...	...	11	9	...	11
TOTAL ... ..	...	1,232	...	...	876

Table VI.—Average values of goods produced, exported and imported

Kind of goods	Production (at factory)		
	Average value		1935 as a percentage of 1934
	1935	1934	
	£ per ton	£ per ton	Per cent.
Feeding stuffs for animals (except dog foods) :—			
Oil seed cake, ground	7.57	7.45	101.6
Molasses feeds, including any feeding stuffs composed of treacle or molasses with an absorbent containing not less than ten per cent. of sugar	5.43	5.40	100.4
Compound cake and meal :—			
Sweetened	6.87	7.15	96.0
Not sweetened	7.96	8.25	96.5
Fish meal :—			
Herring meal	8.13	8.87	91.6
Other	11.97	13.32	89.9
Meat meal	8.27	8.52	97.0
Other feeding stuffs for animals	6.85	7.08	96.8
Dog biscuits and hound meal :—			
Sweetened	32.20	30.21	106.6
Not sweetened	20.62	22.63	91.1
Other dog foods	27.63	30.10	91.8
Poultry foods (including grits and bird seeds prepared and mixed)	9.96	10.20	97.7

Average values of exports and imports can only be given under the following headings:—

Kind of goods	Exports (f.o.b.)		Imports (c.i.f.)	
	Average value		Average value	
	1935	1934	1935	1934
	£ per ton	£ per ton	£ per ton	£ per ton
Dog biscuits and hound meal:—				
Sweetened	31.34	31.89	—	2.00
Not sweetened	33.76	29.82	13.39	11.11
Herring meal	12.23	11.02	9.86	10.97
Feeding stuffs for animals:—				
Sweetened (containing molasses) ...	5.27	4.87	5.11	3.73
Not sweetened	8.79	8.63	6.57	6.97

Table VII.—Volume of Production, 1924-1935

Kind of output	Total production			Production index (1935 = 100)			
	1935 as returned	1934		1924	1930	1933	1934
		As returned	At 1935 average values				
	£'000	£'000	£'000	Per cent.	Per cent.	Per cent.	Per cent.
Oil seed cake, ground ...	282	287	292	55	189	121	104
Molasses feeds	168	114	114		60	42	68
Compound cake and meal:—							
Sweetened	3,124	2,680	2,573	29	49	60	82
Not sweetened	1,247	899	868		29	53	70
Other feeding stuffs for animals (including meat meal)	1,381	962	931	27	27	59	67
Fish meal	1,005	897	807		45	67	80
Dog biscuits and other dog foods	1,475	1,324	1,245	78	78	80	84
Poultry foods (including grits and bird seeds prepared and mixed)...	2,222	1,884	1,840		33	43	78	83
Medicines, spices and condiments for animals, poultry, etc.	540	522	500	61		84	93
TOTAL	11,444	9,569	9,170	45	51	68	80

Table VIII.—Production, Exports and Imports

Kind of goods	Production	Exports	Proportion of production exported	Retained imports	Avail-able for use in the United Kingdom	Share of home market held by British goods
					Th. tons	Th. tons	Per cent.	Th. tons	Per cent.
Dog biscuits and hound meal ...	1935 52.9	1.8	3.5	0.3	51.4	99.4
	1934 47.6	1.9	4.0	0.2	45.9	99.5
Herring meal ...	1935 1.4	0.6	40.3	0.6	1.4	58.0
	1934 *	0.9	...	1.5	...	...
Feeding stuffs for animals:—						
Sweetened (containing molasses) ...	1935 } †	5.1	...	0.1	...	...
	1934 }	1.3	...	0.1	...	...
Not sweetened... ..	1935 }	27.4	...	75.1	...	...
	1934 }	33.9	...	68.8	...	...

* Not available.

† Owing to differences in classification it is not possible to compare the figures of production with those for overseas trade.

Table IX.—Other output of the Cattle, Dog and Poultry Foods Trades

The value of the gross output of the firms whose returns were made on schedules for the Cattle, Dog and Poultry Foods Trades was £10,461,000 in 1935 and £9,021,000 in 1934, of which £10,212,000 in 1935 and £8,693,000 in 1934 consisted of products included in Table V. Particulars of the remaining items are shown below.

Kind of output	1935	1934
	£'000	£'000
Oils, fats and greases	25	95
Manufactured cereals	75	138
Biscuits for human consumption	89	46
Other output	60	49
TOTAL	249	328

MATERIALS AND FUEL

Table X A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	1935		1934	
	Quantity	Cost	Quantity	Cost
	Th. tons	£'000	Th. tons	£'000
Rice meal	95.7	389	88.6	325
Wheat offals	131.5	693	104.5*	505*
Oil seed cake	146.7	786	125.8	633
Wheat flour	69.7	507		
Molasses	68.0	190		
Processed milks	2.3	46		
Fuel and electricity used for all purposes :—				
Coal	68.8	66		
Coke	11.0	15		4,267*
Heavy fuel oil	997	16		
	Th. B.T.U. (Kw.-hrs.)			
Purchased electricity†	32,645	102		
All other purchased materials and fuel	...	4,064		
TOTAL ... ..	...	6,874	...	5,730

* Corrected figure.

† Including electricity generated in other works under the same ownership.

Table X B.—Consumption of coal, coke and electricity in 1935 and 1930

Kind of fuel	1935	1930
Coal	Th. tons 68.8	Th. tons 57.9
Coke... ..	11.0	8.7
Electricity :—	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Generated in same works	426	294
Generated in other works under same ownership	5,729	26
Purchased	26,916	9,897
Total electricity consumed	33,071	10,217

EMPLOYMENT

Table XI A.—Average numbers employed in 1935 and 1934

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
Operatives (average for the year)	302	4,721	350	1,244	652	5,965
Administrative, technical and clerical staff*	249	4,095	300	1,124	549	5,219
	102	2,465	86	632	188	3,097
	93	2,299	49	533	142	2,832
TOTAL	404	7,186	436	1,876	840	9,062
	342	6,394	349	1,657	691	8,051

* As at 12th October, 1935, and 13th October, 1934.

Table XI B.—Operatives employed in one week in each month of 1934 and 1935 by firms furnishing returns in respect of the twelve months ended December

Mid week of*	Operatives employed		Monthly index†		
	1934	1935	1933	1934	1935
January	2,755	3,313	84.4	88.2	104.3
February	2,753	3,259	84.8	88.1	102.6
March	2,742	3,255	85.7	87.8	102.5
April	2,756	3,209	85.0	88.2	101.0
May	2,651	3,216	82.0	84.9	101.3
June	2,557	3,019	79.3	81.8	95.0
July	2,615	2,969	79.7	83.7	93.5
August	2,585	2,997	76.2	82.7	94.4
September	2,782	3,099	81.1	89.0	97.6
October	2,817	3,213	83.8	90.2	101.2
November... ..	2,863	3,292	86.0	91.6	103.7
December	2,925	3,271	87.9	93.6	103.0
Average for the twelve months	2,733	3,176	83.0	87.5	100.0
Proportion of total operatives represented	52.37	53.24	...	...	...

* For the ending date of each week see page xiv.

† Based on the estimated average for the year 1935.

Table XI C.—Average numbers employed, 1924-1935

Year	Operatives	Administrative, technical and clerical staff	Total
1924	3,741	1,394	5,135
1930	4,325	1,953	6,278
1933	4,950	2,592	7,542
1934	5,219	2,832	8,051
1935	5,965	3,097	9,062

WAGES

Table XII.—Wages paid by firms furnishing returns of wages in 1935 and 1930

The aggregate amount of wages paid by firms furnishing returns of wages was £362,000 in 1935 representing 19.7 per cent. of the net output of these firms, the corresponding figures for 1930 being £373,000 and 32.8 per cent. The figures for these firms given below indicate the size of the sample and the extent to which it is representative.

Firms furnishing returns of wages	1935		1930	
	Aggregate	Proportion of trade	Aggregate	Proportion of trade
	£'000	Per cent.	£'000	Per cent.
Gross output... ..	5,568	53.2	4,035	65.4
Net output	1,839	51.4	1,136	57.3
Operative staff employed :—	No.		No.	
During mid-week of October :—				
Males	2,452	51.9	}	*
Females	506	40.7		
Total	2,958	49.6	2,694	63.7
Average for the year	2,938	49.3	2,811	65.0
Administrative, technical and clerical staff	1,457	47.0	*	*
Number of establishments	57	38.5	...	...

* Not recorded separately.

COUNTRY TABLES (1935)

Note.—The figures given in the following tables relate only to firms whose returns were made on schedules for the Cattle, Dog and Poultry Foods Trades.

Owing to the possible disclosure of information relating to individual firms, particulars for Northern Ireland cannot be published in Tables II and III A.

Table I.—General summary

Particulars	Unit	England and Wales	Scotland	Great Britain	Northern Ireland
Value of products (Gross output)	£'000	9,782	580	10,362	99
Cost of materials, fuel and electricity used	"	6,338	452	6,790	84
Amount paid for work given out	"	4	2	6	—
Net output	"	3,440	126	3,566	15
Average number of persons employed... ..	No.	8,511	467	8,978	84
Net output per person employed	£	404	269	397	179
Number of returns	No.	114	18	132	5
Number of establishments	"	122	21	143	5

Table II.—Output

Kind of output	Unit	England and Wales and Northern Ireland	Scotland	United Kingdom
Feeding stuffs for animals :—				
Oil seed cake, ground	Th. tons	*	*	29.2
	£'000			217
Molasses feeds... ..	Th. tons	30.9	—	30.9
	£'000	168	—	168
Compound cake and meal	Th. tons	548.7	30.1	578.8
	£'000	3,962	200	4,162
Fish meal :—				
Herring meal	Th. tons	*	*	1.4
	£'000			12
Other	Th. tons	66.8	6.7	73.5
	£'000	798	78	876
Other feeding stuffs (including meat meal)	Th. tons	90.4	24.0	114.4
	£'000	624	140	764
Dog biscuits and hound meal :—				
Sweetened	Th. tons	13.1	—	13.1
	£'000	422	—	422
Not sweetened	Th. tons	*	*	39.5
	£'000			816
Other dog foods	Th. tons	8.0	—	8.0
	£'000	224	—	224
Poultry foods	Th. tons	185.7	15.1	200.8
	£'000	1,903	119	2,022
Medicines, spices and condiments for animals, poultry, etc.	£'000	*	*	529
Oils, fats and greases	£'000	25	—	25
Manufactured cereals	£'000	58	17	75
Biscuits for human consumption	£'000	89	—	89
Other output	£'000	56	4	60
TOTAL	£'000	9,881	580	10,461

* Owing to the possible disclosure of information relating to individual firms, separate particulars cannot be given.

Table III A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	Unit	England and Wales and Northern Ireland		Scotland	United Kingdom	
Rice meal	Th. tons	91.4	4.3	4.3	95.7	
	£'000	372	17	17	389	
Wheat offals	Th. tons	124.6	6.9	6.9	131.5	
	£'000	652	41	41	693	
Oil seed cake... ..	Th. tons	134.6	12.1	12.1	146.7	
	£'000	717	69	69	786	
Wheat flour	Th. tons	*	*	}	69.7	
	£'000				507	
Molasses	Th. tons				68.0	
	£'000				190	
Processed milks	Th. tons	2.3	†	†	2.3	
	£'000	45	1	1	46	
Fuel and electricity used for all purposes :—						
Coal	Th. tons	56.7	12.1	12.1	68.8	
	£'000	56	10	10	66	
Coke	Th. tons	10.8	0.2	0.2	11.0	
	£'000	15	†	†	15	
Heavy fuel oil	Th. galls.	987	10	10	997	
	£'000	16	†	†	16	
Purchased electricity§	Th. B.T.U. (Kw.-hrs.)	25,641	7,004	7,004	32,645	
	£'000	80	22	22	102	
All other purchased materials and fuel	£'000	3,778	286	286	4,064	
TOTAL	£'000	6,422	452	452	6,874	

* Owing to the possible disclosure of information relating to individual firms, separate particulars cannot be given.

† Less than 50 tons.

‡ Less than £500.

§ Including electricity generated in other works under the same ownership.

Table III B.—Consumption of electricity

Electricity consumed	England and Wales				Scotland	Great Britain	Northern Ireland
	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)			
Generated in same works	417	9	426	—			
Generated in other works under same ownership	12	5,717	5,729	—			
Purchased	25,519	1,287	26,806	110			
TOTAL	25,948	7,013	32,961	110			

Table IV A.—Numbers employed in week ended 12th October, 1935

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
England and Wales :—						
Operatives	289	4,334	349	1,227	638	5,561
Administrative, etc.*... ..	99	2,360	84	602	183	2,962
Total	388	6,694	433	1,829	821	8,523
Scotland :—						
Operatives	11	338	1	16	12	354
Administrative, etc.*... ..	3	76	2	22	5	98
Total	14	414	3	38	17	452
Great Britain :—						
Operatives	300	4,672	350	1,243	650	5,915
Administrative, etc.*... ..	102	2,436	86	624	188	3,060
TOTAL	402	7,108	436	1,867	838	8,975
Northern Ireland :—						
Operatives	2	48	—	—	2	48
Administrative, etc.*... ..	—	29	—	8	—	37
Total	2	77	—	8	2	85

* Administrative, technical and clerical staff.

Table IV B.—Operatives employed in one week in each month of 1935

Week ended	Males and females			
	England and Wales	Scotland	Great Britain	Northern Ireland
January 19	5,744	381	6,125	47
February 16	5,670	375	6,045	46
March 16... ..	5,655	390	6,045	48
April 13	5,531	438	5,969	46
May 18	5,510	429	5,939	50
June 15	5,350	340	5,690	46
July 13	5,305	338	5,643	46
August 17	5,302	314	5,616	48
September 14	5,545	342	5,887	47
October 12	5,561	354	5,915	48
November 16	5,712	364	6,076	47
December 14	5,707	364	6,071	48
Average for the twelve months	5,549	369	5,918	47

Table V.—Firms employing not more than ten persons on the average

Particulars	England and Wales	Scotland	Great Britain	Northern Ireland
Number of returns received	No. 86	No. 3	No. 89	No. 5
Average number of persons employed :—				
Males	358	19	377	27
Females	67	2	69	4
Total	425	21	446	31

THE ICE TRADE**INTRODUCTORY**

This trade comprises firms that were engaged in the manufacture of ice for sale. Firms that made ice for their own use, e.g., for cold storage or fish preserving, were instructed to exclude all ice so used from their statements of output. Ice purchased and re-sold in the same condition as received, or merely cut into blocks, was also excluded.

Table I A.—General summary

Particulars	1935	1930*	1924*
Value of products (Gross output)	£'000 993	£'000 1,123	£'000 1,376
Cost of materials, fuel and electricity used	222	278†	342
Net output	771	845	1,034
Average number of persons employed	No. 1,845	No. 2,034†	No. 2,254
Net output per person employed	£ 418	£ 415	£ 459
Number of returns	No. 66	No. 65	No. 75
Number of establishments	75	104	†

* The figures relate to Great Britain only, particulars of the small production in Northern Ireland not being available.

† Corrected figure.

‡ Not available.

Table I B.—Firms employing not more than ten persons on the average

Particulars	1935	1930	1924
Number of returns received	No. 149	No. 126	No. 108
Average number of persons employed :—			
Males... ..	723	714	548
Females	50	71	14
TOTAL	773	785	562
Number of firms not making returns	—	7	7

In 1924 the value of the gross output of the 108 small firms making returns (including the few firms in Northern Ireland for which separate particulars cannot be given) was 17.0 per cent. of the total.

Table II.—Size of establishments in 1935

Size of establishment (average number employed)	Number of establishments	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
11-24	56	435	335	859	390
25-49	13	249	194	454	427
50-199	6	309	242	532	455
TOTAL	75	993	771	1,845	418

Table III.—Particulars of output, etc., in each of the principal areas of the United Kingdom

Area*	Number of establishments†	Gross output	Net output	Number of persons employed	Net output per person employed	
	No.	£'000	£'000	No.	£	
1	1935	17	214	168	384	437
	1930	8	219	170	356	477
2	1935	9	117	88	187	472
	1930	5	123	93	185	501
3	1935	6	29	24	64	377
	1930	4	46	36	84	429
5	1935	3	22	15	49	311
	1930	4	26	20	62	314
6	1935	3	14	11	39	291
8	1935	6	46	35	106	332
10	1935	6	266	207	482	429
7 and 9	1935	4	28	24	52	462
6 to 10	1935	19	354	277	679	409
	1930	27	456	337	929	363
14	1935	3	42	34	105	319
15	1935	4	27	20	53	383
16 and 17	1935	6	90	73	139	525
14 to 17	1935	13	159	127	297	427
	1930	9	150	112	264	426
Other areas	1935	8	98	72	185	387
	1930‡	8	103	77	154	503
TOTAL	1935	75	993	771	1,845	418
	1930‡	65	1,123	845	2,034	415

* For particulars see page xviii.

† Number of returns for 1930.

‡ Excluding Northern Ireland.

Table IV.—No sub-divisions of this trade have been distinguished.