

BISCUIT TRADE

INTRODUCTORY

This trade comprises firms that were engaged wholly or mainly in the manufacture of biscuits.

The figures previously published in respect of 1934 have been amended throughout by the addition of particulars of certain important firms whose returns had not been included. The principal figures recorded for 1934 by these firms were as follows:—

	£'000
Gross output	718
Cost of materials, fuel and electricity used ...	310
	No.
Average number of persons employed	1,659

No particulars for the year 1933 are available for these firms.

Table I A.—General summary

Particulars	1935	1934	1933*	1930†	1924‡
	£'000	£'000	£'000	£'000	£'000
Value of products (Gross output)...	16,867	15,833	14,654	14,851	12,741
Cost of materials, fuel and electricity used	7,681	7,164	6,421	6,688	6,314
Net output	9,186	8,669	8,233	8,163	6,427
	No.	No.	No.	No.	No.
Average number of persons employed	44,001	41,556	37,975	36,095	27,795
	£	£	£	£	£
Net output per person employed ...	209	209	217	226	235
	No.	No.	No.	No.	No.
Number of returns	94	} †	† {	69	52
Number of establishments	98	} †	† {	74	52

* See introductory note above.

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

‡ Not available.

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

Particulars	1935
	No.
Number of returns received	7
Average number of persons employed :—	
Males	17
Females	25
TOTAL	42
Number of firms not making returns	1

The corresponding particulars for 1930 and 1924 are not available, being included with those for the Bread, Cakes, etc., Trade (see page 42).

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 ...	13	80	44	237	185
25-49 ...	11	157	91	385	236
50-99 ...	15	512	296	1,060	280
100-199 ...	20	1,141	511	2,931	174
200-299 ...	7	574	256	1,714	150
300-399 ...	7	1,053	533	2,473	216
400-499 ...	5	902	426	2,234	191
500-999 ...	6	1,752	756	3,932	192
1,000-1,499 ...	6	2,972	1,572	7,513	209
1,500 and over ...	8	7,724	4,701	21,522	218
TOTAL ...	98	16,867	9,186	44,001	209

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	20	6,006	3,470	13,297	261
1... { 1930	13	4,968	2,821	11,531	245
2... { 1935	17	3,179	1,649	9,362	176
2... { 1930	17	3,411	1,747	8,060	217
3 and 4... { 1935	6	375	162	998	163
3 and 4... { 1930	8	225	65	529	124
5... { 1935	5	641	310	1,466	212
5... { 1930	4	340	189	843	224
6... 1935	3	253	127	646	196
8 and 10 1935	8	1,898	1,064	4,969	214
7, 9, 11 and 12 1935	10	1,273	699	4,026	174
6 to 12... { 1935	21	3,424	1,890	9,641	196
6 to 12... { 1930	13	3,373	1,989	8,863	224
14... { 1935	14	1,807	950	5,150	185
14... { 1930	7	1,303	688	3,153	218
15... { 1935	11	1,352	714	3,790	188
15... { 1930	7	1,231	664	3,116	213
18... 1935	4	83	41	297	136
TOTAL... { 1935	98	16,867	9,186	44,001	209
TOTAL... { 1930†	69	14,851	8,163	36,095	226

* For particulars see page xviii.

† Number of returns for 1930.

‡ Excluding Northern Ireland.

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

PRODUCTION

Table V.—Output of principal product

Kind of output	1935			1934	
	Quantity	Value	Entries	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000
Biscuits for human consumption :—					
Sweetened :—					
Chocolate coated ...	571	2,586	88	4,230	14,881
Other kinds ...	3,224	10,325	83		
Not sweetened ...	655	2,625	56		
Unclassified ...	363	1,118	632		
TOTAL ...	4,813	16,654	...	4,230	14,881

The figures shown in the preceding table include the output recorded by firms in other trades, but those for 1934 are understated to the extent to which biscuits were produced by firms in the Bread, Cakes, etc., Trade and the Cocoa and Sugar Confectionery Trade, both of which were excluded from the Import Duties Act Inquiry for that year. The figures for 1935 include 196,000 cwts. (£783,000) produced by firms in those two trades. Details of the output recorded by all firms whose returns were made on schedules for other trades are given below.

Kind of output	1935			1934	
	Quantity	Value	Entries	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000
Biscuits for human consumption :—					
Sweetened :—					
Chocolate coated ...	40	250	32	39	46
Other kinds ...	27	38	2		
Not sweetened ...	13	22	4		
Unclassified ...	183	562	623		
TOTAL ...	263	872	...	39	46

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

Kind of goods	Production (at factory)		Exports (f.o.b.)	Imports (c.i.f.)			
	Average value	1935 as a percentage of 1934		Average value	Average value		
	1935	1934	1935	1934	1935	1934	
Biscuits for human consumption :—	£ per cwt.	£ per cwt.	Per cent.	£ per cwt.	£ per cwt.	£ per cwt.	£ per cwt.
Sweetened ...	3.40	...	...	5.34	6.37	2.66	2.95
Not sweetened ...	4.01	...	...	4.91	5.08	2.91	2.98
TOTAL ...	3.46	3.52	98.4	5.24	6.04	2.76	2.96

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				
Biscuits for human consumption	£'000 16,654	£'000 14,881	£'000 14,539	Per cent. 53	Per cent. 69	Per cent. 81*	Per cent. 92*

* Owing to the exclusion of the output of certain firms from the figures for 1933 and 1934 (see introductory note, page 55, and also page 57), the 1935 base figure has been adjusted in calculating this index.

Table VIII.—Production in relation to Exports and Imports

Biscuits for human consumption	1935	1934
Production	Th. cwts. 4,813	Th. cwts. 4,410*
Exports	133	98
Proportion of production exported	Per cent. 2.8	Per cent. 2.2
Retained imports	Th. cwts. 117	Th. cwts. 106
Available for use in the United Kingdom	4,797	4,418
Share of home market held by British goods	Per cent. 97.6	Per cent. 97.6

* Estimated.

Table IX.—Other output of the Biscuit Trade

The value of the gross output of the firms whose returns were made on schedules for the Biscuit Trade was £16,867,000 in 1935 and £15,833,000 in 1934, of which £15,782,000 in 1935 and £14,835,000 in 1934 consisted of products included in Table V. Particulars of the remaining items are shown below.

Kind of output	1935	1934
Cakes, pastries, buns, scones, etc.	£'000 910	£'000 643
Bread and other bakery products (including Christmas puddings, mincemeat, etc.)	59	188
Cocoa and sugar confectionery (including chocolate confectionery)	45	52
Animal and poultry foods (chiefly dog biscuits)	5	8
Other goods (mainly food products)	66	107
TOTAL	1,085	998

MATERIALS AND FUEL

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

Kind of materials, etc.	1935		1934	
	Quantity	Cost	Quantity	Cost
Wheat flour	Sacks of 280 lbs. 1,186,037	£'000 1,442	Sacks of 280 lbs. 1,133,678	£'000 1,328
Sugar	Th. cwts. 966.8	838	Th. cwts. 901.5	795
Butter and other fats	765.3	1,647	699.5	1,361
Fruit*	85.3	177	113.2	219
Fuel and electricity used for all purposes:—	Th. tons			
Coal	101.3	105		
Coke	12.8	16		
Heavy fuel oil	Th. galls. 326	5		
Purchased electricity	Th. B.T.U. (Kw.-hrs.) 27,344	91		
All other purchased materials and fuel		3,360		
TOTAL		7,681		7,164

* Dried fruits only in 1935.

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

Kind of fuel	1935	1930*
Coal	Th. tons 101.3	Th. tons 42.4
Coke	12.8	10.1
Electricity:—	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Generated in same works	857	1,190
Purchased	27,344	14,885
Total electricity consumed	28,201	16,075

* Great Britain only.

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) ...	1,776	10,868	9,085	25,627	10,861	36,495
Administrative, technical and clerical staff* ...	123	4,421	455	3,085	578	7,506
TOTAL ...	1,899	15,289	9,540	28,712	11,439	44,001
	1,737	15,229	8,126	26,327	9,863	41,556

* 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 ...	25,008	26,129	85.9	90.2	94.8
February ...	25,204	25,880	85.8	90.9	93.9
March ...	25,398	26,043	87.1	91.6	94.5
April ...	25,846	26,365	87.3	93.2	95.7
May ...	25,866	27,525	88.3	93.3	99.9
June ...	26,051	27,690	89.1	93.9	100.5
July ...	26,223	27,756	89.6	94.6	100.7
August ...	26,454	28,056	90.3	95.4	101.8
September ...	26,970	28,617	92.3	97.3	103.8
October ...	27,470	29,140	93.1	99.1	105.7
November ...	27,858	29,019	94.5	100.5	105.3
December ...	27,417	28,544	93.6	98.9	103.6
Average for the twelve months	26,314	27,564	89.7	94.9	100.0
Proportion of total operatives represented ...	75.98	75.53	...	...	...

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

† Based on the estimated average for the year 1935.

‡ Owing to the exclusion of certain firms from the figures for this year (see introductory note, page 55), the 1935 base figure has been adjusted in calculating these indices.

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

Year	Operatives	Administrative, technical and clerical staff	Total
1924* ...	23,505	4,290	27,795
1930* ...	29,905	6,190	36,095
1933† ...	31,503	6,472	37,975
1934 ...	34,631	6,925	41,556
1935 ...	36,495	7,506	44,001

* Great Britain only.

† See introductory note, page 55.

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 £2,376,000 in 1935 representing 36.0 per cent. of the net output of these firms, the corresponding figures for 1930 being £1,858,000 and 34.7 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
Gross output ...	£'000	Per cent.	£'000	Per cent.
Net output ...	12,174	72.2	9,810	66.1
	6,595	71.8	5,348	65.5
Operative staff employed :—	No.		No.	
During mid-week of October :—				
Males ...	7,724	67.6	*	*
Females ...	19,619	72.8		
Total ...	27,343	71.2	20,616	66.8
Average for the year ...	25,888	70.9	19,600	65.5
Administrative, technical and clerical staff ...	5,251	70.0	*	*
Number of establishments ...	60	61.2	...	...

* 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 Biscuit Trade.

Table I.—General summary

Particulars	Unit	England and Wales	Scotland	Great Britain	Northern Ireland
Value of products (Gross output)	£'000	13,625	3,159	16,784	83
Cost of materials, fuel and electricity used	"	6,144	1,495	7,639	42
Net output	"	7,481	1,664	9,145	41
Average number of persons employed	No.	34,764	8,940	43,704	297
Net output per person employed	£	215	186	209	136
Number of returns	No.	65	25	90	4
Number of establishments	"	69	25	94	4

Table II.—Output

Kind of output	Unit	England and Wales and Northern Ireland*	Scotland	United Kingdom
Biscuits for human consumption :—				
Sweetened :—				
Chocolate coated	Th. cwts.	383	148	531
	£'000	1,676	660	2,336
Other kinds	Th. cwts.	2,686	511	3,197
	£'000	8,489	1,798	10,287
Not sweetened	Th. cwts.	479	163	642
	£'000	2,084	519	2,603
Unclassified	Th. cwts.	180	—	180
	£'000	556	—	556
Total—Biscuits for human consumption	Th. cwts.	3,728	822	4,550
	£'000	12,805	2,977	15,782
Cakes, pastries, buns, scones, etc....	£'000	782	128	910
Bread and other bakery products (including Christmas puddings, mincemeat, etc.)	£'000	13	46	59
Cocoa and sugar confectionery (including chocolate confectionery)...	£'000	44	1	45
Animal and poultry foods (chiefly dog biscuits)	£'000	3	2	5
Other goods (mainly food products)...	£'000	61	5	66
TOTAL—VALUE OF GOODS MADE	£'000	13,708	3,159	16,867

* Owing to the possible disclosure of information relating to individual firms, particulars of the small production in Northern Ireland have been included with those for England and Wales.

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

Kind of materials, etc.	Unit	England and Wales	Scotland	Great Britain	Northern Ireland
Wheat flour	Sacks of 280 lbs.	958,966	219,031	1,177,997	8,040
	£'000	1,154	278	1,432	10
Sugar... ..	Th. cwts.	799.3	159.6	958.9	7.9
	£'000	682	149	831	7
Butter and other fats	Th. cwts.	629.8	131.1	760.9	4.4
	£'000	1,312	324	1,636	11
Dried fruits	Th. cwts.	70.7	14.2	84.9	0.4
	£'000	140	36	176	1
Fuel and electricity used for all purposes :—					
Coal	Th. tons	78.7	22.3	101.0	0.3
	£'000	87	18	105	*
Coke	Th. tons	7.8	4.8	12.6	0.2
	£'000	11	5	16	*
Heavy fuel oil	Th. galls.	250	76	326	—
	£'000	4	1	5	—
Purchased electricity	Th. B.T.U. (Kw.-hrs.)	22,040	5,104	27,144	200
	£'000	75	15	90	1
All other purchased materials and fuel	£'000	2,679	669	3,348	12
TOTAL	£'000	6,144	1,495	7,639	42

* Less than £500.

Table III B.—Consumption of electricity

Electricity consumed	England and Wales	Scotland	Great Britain	Northern Ireland
Generated in same works	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
	857	—	857	—
Purchased	22,040	5,104	27,144	200
Total	22,897	5,104	28,001	200

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	1,392	9,521	7,207	20,934	8,599	30,455
Administrative, etc.* ...	96	3,548	352	2,405	448	5,953
Total	1,488	13,069	7,559	23,339	9,047	36,408
Scotland :—						
Operatives	458	1,825	2,330	5,876	2,788	7,701
Administrative, etc.* ...	27	843	103	669	130	1,512
Total	485	2,668	2,433	6,545	2,918	9,213
Great Britain :—						
Operatives	1,850	11,346	9,537	26,810	11,387	38,156
Administrative, etc.* ...	123	4,391	455	3,074	578	7,465
TOTAL	1,973	15,737	9,992	29,884	11,965	45,621
Northern Ireland :—						
Operatives	18	88	26	157	44	245
Administrative, etc.* ...	—	30	—	11	—	41
Total	18	118	26	168	44	286

* 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	27,380	7,294	34,674	257
February 16	27,098	7,084	34,182	260
March 16	27,263	7,070	34,333	259
April 13	27,585	7,128	34,713	263
May 18	28,768	7,354	36,122	260
June 15	28,971	7,447	36,418	264
July 13	29,001	7,394	36,395	252
August 17	29,275	7,472	36,747	252
September 14	29,823	7,683	37,506	257
October 12	30,455	7,701	38,156	245
November 16	30,287	7,739	38,026	245
December 14... ..	29,821	7,770	37,591	254
Average for the twelve months...	28,811	7,428	36,239	256

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. 6	No. 1	No. 7	No. —
Average number of persons employed :—				
Males	13	4	17	—
Females	20	5	25	—
Total	33	9	42	—