



BOARD OF TRADE

S
42
[HA 251]

THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 8

Trade C

BISCUIT



*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

1955

Price 1s 6d net

24.3.53

LIST OF TABLES

Table No.	Title	Page
1	Summary: Larger establishments	8/C/2
2	Summary: Small firms	8/C/3
3	Estimated average employment: All firms	8/C/3
4	Analysis by size, 1951: Larger establishments in the United Kingdom	8/C/4
5	Analysis by standard region, 1951: Larger establishments in the United Kingdom	8/C/4
6	Analysis according to specialisation within the trade, 1951: Larger establishments in the United Kingdom	8/C/5
7	Total make of intermediate products: Larger establishments	*
8 or 8(i)	Sales of the principal products of the trade, including sales of these products by establishments classified to other trades: Larger establishments	8/C/5
8(ii)	Total sales by small firms in Great Britain	*
9	Sales of principal products of the trade by establishments classified to other trades: Larger establishments	8/C/6
10	Sales in the trade of other than principal products: Larger establishments	8/C/6
11	Production, exports and imports of certain principal products	8/C/7
12	Usage of certain specified purchased materials, 1951: Larger establishments in the United Kingdom	8/C/7
13	Employment in September: Larger establishments	8/C/8
14	Average employment: Larger establishments	8/C/9
15	Shift working, 1951: Larger establishments in Great Britain	8/C/9
16	Wages and salaries and employers' National Insurance contributions paid during the year: Larger establishments	8/C/10
17	Plant, machinery and vehicles - acquisitions and disposals, and capital expenditure on new building work: Larger establishments	8/C/10
<u>Country tables, 1951</u>		
18	Summary: Larger establishments	8/C/11
19	Summary: Small firms in Great Britain	8/C/11
20 or 20(i)	Sales in the trade: Larger establishments	8/C/12
20(ii)	Sales in the trade: Small firms	*
21	Stocks of products on hand for sale and work in progress, and stocks of materials and fuel: Larger establishments	8/C/13
22	Employment in September: Larger establishments	8/C/13
23 or 23(i)	Average employment: Larger establishments	8/C/14
23(ii)	Average employment: Small firms	*
24	Wages and salaries and employers' National Insurance contributions paid during the year: Larger establishments	8/C/15
25	Plant, machinery and vehicles - acquisitions and disposals, and capital expenditure on new building work: Larger establishments	8/C/15
26	Payments for transport services for finished goods sold and materials and fuel purchased: Larger establishments	8/C/16

* Not applicable to this trade

S
42
[HA 251]

BISCUIT TRADE

THIS REPORT on the Biscuit Trade relates to establishments engaged wholly or mainly in the manufacture of biscuits, rusks, crispbread, cereal fillers, etc.

This trade corresponds to minimum list heading 152 in the Standard Industrial Classification.

IMPORTANT NOTES and definitions appear on the inside of the back cover of this report. In interpreting the data in the following tables, it is essential to bear these in mind.

BISCUIT TRADE

Summary

Larger establishments (a)

TABLE 1

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Gross output (production) (b)	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Amount payable by Ministry of Food for flour used for bread	74,911	55,140	45,437	44,326	39,665	18,059	16,867
Cost of materials and fuel used (c)	44,285	32,167	24,688	24,067	21,136	9,334	7,681
Payment for work done on materials given out	65	160	136	136	175	1	-
Amount payable to Ministry of Food for flour used for biscuits	4,597	3,472	2,955	2,897	2,883	-	-
Transport payments (d)	1,760	..	..	..	..	..	..
Net output	24,212	19,348	17,660	17,229	15,478	8,724	9,186
Wages and salaries of persons employed	11,550	9,682	8,476	8,308	7,725	..	..
Average number of persons employed (e)	No.	No.	No.	No.	No.	No.	No.
	41,823	36,982	32,412	31,586	30,029	43,898	44,001
Net output per person employed (e)	£	£	£	£	£	£	£
	579	523	545	545	515	199	209
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	1,649	1,502	1,148	1,122	1,020	..	..
Materials and fuel	8,356	5,590	3,924	3,836	3,500	..	..
Number of establishments	No.	No.	No.	No.	No.	No.	No.
	131	122	118	114	114	..	98

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

	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade (f)							
Principal products (g)	69,565	55,957	46,357	45,248	37,240	17,060	15,785
Other output (h)	5,193						
Changes in stocks and work in progress (i)	+ 153	+ 350	+ 118	+ 110	+ 35		
	74,911	56,306	46,475	45,358	40,669	18,059	16,867
Less payment for transport outwards (d)	..	1,166	1,038	1,032	1,004		
Gross output (production)	74,911	55,140	45,437	44,326	39,665	18,059	16,867
Materials and fuel used by firms in this trade							
Purchases	47,025	33,847	25,016	24,391	21,206	9,334	7,681
Changes in stocks (i)	- 2,740	- 1,680	- 328	- 324	- 70		
Materials and fuel used	44,285	32,167	24,688	24,067	21,136	9,334	7,681

(a) For small firms' summary see Table 2.

(b) Gross output for 1951 includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services. For other years payments for transport services outwards on finished goods sold are excluded.

(c) Amounts paid for delivery services are excluded for 1951 but included for other years.

(d) Payments to other firms and undertakings and to firms' own separate transport organisations. For 1951 they cover payments for transport of both goods sold and materials and fuel purchased. For other years payments cover only transport outwards of finished goods sold.

(e) Excluding outworkers but including working proprietors. For an estimate of the total number of persons employed in this trade see Table 3.

(f) Total value of sales (1951, 1950, 1949 and 1948) or production for sale (1937 and 1935).

(g) For details for 1951 and 1948 see Table 8.

(h) For details for 1951 and 1948 see Table 10.

(i) For details for 1951 see Table 21.

Summary

Small firms (a)

TABLE 2

	Great Britain		United Kingdom	Great Britain	
	1951	1950	1949	1949	1948
Number of returns	39	31	34	34	39
Average number of persons employed (b)					
Males	96	98	105	105	114
Females	141	122	120	120	129
Total	237	220	225	225	243

(a) Small firms (employing on the average ten or fewer persons) that made satisfactory returns. No information about small firms was collected in Northern Ireland for 1951 or 1950.

(b) Including working proprietors.

Estimated average employment (a)

All firms

TABLE 3

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
As returned by firms					
Employing on the average more than ten persons (b)	41,823	36,982	32,412	31,586	30,029
Employing on the average ten or fewer persons (c)	237(d)	220(d)	225	225	243
Estimated average employment in firms not making satisfactory returns	42,060	37,202	32,637	31,811	30,272
	18	22	27	27	-
Estimated average employment in all firms	42,078(d)	37,224(d)	32,664	31,838	30,272

(a) Including working proprietors.

(b) See Tables 13(iv) and 14.

(c) See Table 2.

(d) Excluding any small firms in Northern Ireland.

Analysis by size, 1951

Larger establishments in the United Kingdom

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Operatives	Other employees (a)	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11 - 24	24	734	221	450	79	36	115	492
25 - 49	26	1,419	443	914	170	80	250	484
50 - 99	12	1,566	540	825	156	62	218	655
100 - 199	18	6,369	2,108	2,585	498	283	780	815
200 - 299	14	7,904	2,116	3,313	635	207	842	638
300 - 399	12	7,825	2,174	4,159	853	289	1,142	523
400 - 499	3	2,328	681	1,306	221	137	358	521
500 - 999	12	17,175	5,992	8,386	1,621	739	2,360	715
1,000 - 1,499	5	11,821	3,363	5,350	1,171	401	1,572	629
1,500 - 1,999	-	-	-	-	-	-	-	-
2,000 and over	5	17,771	6,574	14,535	2,660	1,252	3,913	452
Total	131	74,911	24,212	41,823	8,065	3,486	11,550	579

(a) Administrative, technical and clerical employees.

Analysis by standard region, 1951

Larger establishments in the United Kingdom

TABLE 5

Region	Establishments	Gross output	Net output		Persons employed	Remuneration			Net output per person employed
			Value	Percentage of total		Operatives	Other employees (a)	Total	
	No.	£'000	£'000		No.	£'000	£'000	£'000	£
England									
Northern; and East and West Ridings	16	9,053	2,666	11.0	4,552	892	391	1,283	586
North Midland	4	3,369	1,088	4.5	1,307	286	98	384	833
Eastern	6	882	283	1.2	374	79	29	108	758
London and South Eastern	23	13,183	4,803	19.8	7,705	1,552	784	2,337	623
Southern	6	7,344	2,511	10.4	4,619	899	477	1,376	544
South Western	9	1,581	541	2.2	554	96	70	166	977
Midland	7	3,041	779	3.2	1,261	233	98	331	618
North Western	22	16,567	5,557	23.0	10,820	1,941	808	2,749	514
Total England	93	55,020	18,229	75.3	31,192	5,978	2,756	8,733	584
Wales	4	3,575	1,069	4.4	1,771	401	116	518	603
Scotland	30	15,065	4,458	18.4	7,996	1,546	556	2,102	558
Great Britain	127	73,659	23,755	98.1	40,959	7,925	3,428	11,353	580
Northern Ireland	4	1,252	457	1.9	864	139	58	197	528
United Kingdom	131	74,911	24,212	100.0	41,823	8,065	3,486	11,550	579

(a) Administrative, technical and clerical employees.

(84846/3)

TABLE 6 - Analysis according to specialisation within the trade, 1951

Larger establishments in the United Kingdom

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 of the principal products of the trade, including sales of these products by establishments classified to other trades

Larger establishments

TABLE 8

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.cwts.	£'000	No.	Th.cwts.	£'000
Biscuits for human consumption					
Whole					
Sweetened					
Chocolate coated (fully)	1,150	17,062	63	528	6,551
Chocolate coated (partially)	247	2,429	32	81	757
Chocolate coated, unclassified	149	2,032	50	-	-
Other kinds	5,062	36,959	190	3,108	19,816
Unsweetened	1,054	8,620	93	985	5,750
Broken	96	304	42	60	173
Rusks (infants', diabetic, breakfast, etc.)	60	667	9	40	406
Crispbread	154	1,211	8	171	1,413
Matzos and matzo meal	34	170	..	25	104
Outcakes	47	334	109	93	616
Dry wafers (including cones, cornets, etc.)	92	1,127	34	103	1,067
Cereal filler (sausage rusk)	1,078	2,311	43	1,692	2,792
Breadcrumbs	18	30(a)	..	46	70
Waste products	..	278	72	..	198
Total		73,535	..		39,714
Sales in other trades (see Table 9)		3,970	..		2,474
Principal products of this trade sold by establishments in the trade		69,565	124		37,240

(a) So far as recorded separately.

(84846/3)

Sales of principal products of the trade by establishments
classified to other trades

Larger establishments

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.cwts.	£'000	No.	Th.cwts.	£'000
Biscuits for human consumption					
Whole					
Sweetened					
Chocolate coated (fully)	-	-	-	75	827
Chocolate coated (partially)	-	-	-	1	14
Chocolate coated, unclassified	149	2,032	50	-	-
Other kinds	153	1,254	106	103	720
Unsweetened	35	255	50	36	208
Broken	-	-	-	3	11
Rusks (infants', diabetic, breakfast, etc.)				12	123
Oatcakes	31	259	100	16	98
Dry wafers (including cones, cornets, etc.)					
Cereal filler (sausage rusk)				265	433
Breadcrumbs	92	169	26	32	41
Total		3,970	..		2,474

Sales in the trade of other than principal products

Larger establishments

	United Kingdom 1951		Great Britain 1948	
	Quantity	Value	Quantity	Value
	Th.cwts.	£'000	Th.cwts.	£'000
Slab or size cake sold by weight	191	2,113	174	1,447
Other flour confectionery	..	990	..	510
Bread	67	146	63	89
Chocolate and sugar confectionery	31	510	10	136
Seasonings, stuffings and forcemeat	62	506	..	1,214
Other goods	..	927		
Total		5,193		3,395

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

TABLE 11

		Production (b) (c)	Exports	Retained imports
		Th.cwts.	Th.cwts.	Th.cwts.
Biscuits for human consumption				
Sweetened				
Chocolate coated	{ 1951 1948	1,546 609	18 15	....
Other kinds (including oatcakes)	{ 1951 1948	5,109 3,201	367 265	....
Total sweetened	{ 1951 1948 1937	6,655 3,810 3,739	385 280 155	539 34 94
Unsweetened (including rusks and dry wafers)	{ 1951 1948	1,206 1,129	74 67	....
Crispbread and matzos	{ 1951 1948	188(d) 196	9 5	....
Total unsweetened biscuits, crispbread and matzos	{ 1951 1948 1937	1,395(d) 1,325 731	83 72 38	8 9 33
Total biscuits for human consumption, crispbread, matzos, oatcakes, rusks and dry wafers	{ 1951 1948 1937	8,146(e) 5,195(e) 4,760(f)	468 352 193	547 43 127

(a) Figures of production (or sales) refer only to larger establishments in the United Kingdom (1951 and 1937) or Great Britain (1948). 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 1951 and 1948, and production for sale in 1937.

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

(d) Including matzo meal.

(e) Including sales of broken biscuits.

(f) Including unclassified output, partly estimated.

Usage of certain specified purchased materials, 1951

Larger establishments in the United Kingdom

TABLE 12

	Quantity
	Th.sacks of 280lbs.
Wheatmeal and flour	2,548
	Th.cwts.
Sugar	1,061.3
Starch	26.8
Dried fruit	89.9

TABLE 13
Employment in September
Larger establishments (a)
(i) Operatives Number

	United Kingdom			Great Britain		United Kingdom	
	1951(b)	1950(b)	1949(b)	1949(b)	1948(c)	1937(c)	1935(c)
Males							
Under 18	1,363	1,232	1,056	944	817	1,789	1,776
All ages	11,913	10,682	9,317	9,016	8,613	10,905	10,868
Females							
Under 18	3,760	3,360	2,978	2,832	2,720	9,202	9,085
All ages	23,693	21,129	16,841	16,462	14,491	25,400	25,627
Total							
Under 18	5,123	4,592	4,034	3,776	3,537	10,991	10,861
All ages	35,606	31,811	26,158	25,478	23,104	36,305	36,495

(ii) Administrative, technical and clerical employees (d) Number

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Males							
Under 18	46	41	48	48	36	135	123
All ages	3,898	3,719	3,613	3,553	3,607	4,324	4,421
Females							
Under 18	826	747	743	734	753	646	455
All ages	3,788	3,479	3,432	3,364	3,308	3,269	3,085
Total							
Under 18	872	788	791	782	789	781	578
All ages	7,686(e)	7,198(e)	7,045(e)	6,917(e)	6,915(e)	7,593	7,506

(iii) Total employees Number

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Males							
Under 18	1,409	1,273	1,104	992	853	1,924	1,899
All ages	15,811	14,401	12,930	12,569	12,220	15,229	15,289
Females							
Under 18	4,586	4,107	3,721	3,566	3,473	9,848	9,540
All ages	27,481	24,608	20,273	19,826	17,799	28,669	28,712
Total							
Under 18	5,995	5,380	4,825	4,558	4,326	11,772	11,439
All ages	43,292(e)	39,009(e)	33,203(e)	32,395(e)	30,019(e)	43,898	44,001

(a) Excluded employees. The following persons were employed at the larger establishments in this trade in 1951 but are not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchanting and in Northern Ireland canteen and welfare workers):-

Canteen workers 13 Males 513 Females
Other workers 333 Males 199 Females

(b) In week ended September 22, 1951, September 30, 1950, and September 24, 1949.

(c) Average for the year.

(d) In week ended September 22, 1951, September 30, 1950, September 24, 1949, September 25, 1948, October 16, 1937, and October 12, 1935.

(e) Working proprietors. In addition working proprietors, shown in Table 13(iv) below, were engaged in this trade in larger establishments. The 1937 and 1935 figures include working proprietors.

(iv) Working proprietors Number

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
Males	15	11	11	5	9
Females	1	1	-	-	1
Total	16	12	11	5	10

TABLE 14
Average employment
Larger establishments (a) Number

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Operatives	34,276	29,793	25,405	24,714	23,104	36,305	36,495
Administrative, technical and clerical employees	7,531	7,177	6,996	6,867	6,915(b)	7,593(b)	7,506(b)
Total	41,807	36,970	32,401	31,581	30,019	43,898	44,001

(a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory returns see Table 2.

(b) In week ended September 25, 1948, October 16, 1937, and October 12, 1935. The 1937 and 1935 figures include working proprietors.

Outworkers. In addition to the employees shown above the firms in this trade employed outworkers whose numbers are shown below.

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Males	3	-	-	-	-	..	..
Females	-	-	-	-	-	..	..
Total	3	-	-	-	-	..	..

Shift working, 1951 (a)
Larger establishments in Great Britain

	Total number of man-shifts worked in the week	Total number of shift-hours worked in the week	Number of returns showing the systems stated
Continuous 3 shift systems per 24 hours averaging 8 hours per shift	15,128	123,599	14
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	3,759	29,967	7
Other shift systems	-	-	-
Total	18,887	153,566	(b)

(a) Shift working during week ended September 22, 1951.

(b) The number and percentage of returns showing shift working and of operatives on shift-work were as follows:-

	Returns		Operatives		
	Total in trade	Showing shift-work	Total in trade	Total on returns showing shift-work	Number employed on shift-work
Number	120	21	34,886	7,361	3,506
Percentage of total in trade	100.0	17.5	100.0	21.1	10.0
Percentage of total on returns showing shift-work				100.0	47.6

Wages and salaries and employers' National Insurance
contributions paid during the year

Larger establishments

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
Wages and salaries (a) of					
Operatives	8,065	6,542	5,446	5,329	4,893
Administrative, technical and clerical employees	3,486	3,140	3,030	2,979	2,832
Total	11,550	9,682	8,476	8,308	7,725
Employers' contributions to all National Insurance Schemes	366	322	278	271	215

(a) Including bonus and commission payments, but excluding a small payment to outworkers in 1951.

Plant, machinery and vehicles - acquisitions and disposals,
and capital expenditure on new building work

Larger establishments

	United Kingdom		Great Britain	
	1951	1949	1949	1948
Plant, machinery and vehicles				
Acquisitions				
Plant and machinery				
New	1,772	1,190	1,172	853
Second-hand	55	37	37	27
Vehicles				
New	438	241	235	250
Second-hand	29	27	27	29
Total acquisitions	2,295	1,495	1,471	1,159
Disposals				
Plant and machinery	38	36	36	51
Vehicles	57	47	46	39
Total disposals	94	83	82	90
New building work				
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	378	266	266	209

1951

Summary

Larger establishments

TABLE 18

	England	Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Gross output (production)	£'000	£'000	£'000	£'000	£'000	£'000
Amount payable by Ministry of Food for flour used for bread	55,020	3,575	15,065	73,659	1,252	74,911
Cost of materials and fuel used	31,893	2,199	9,469	43,562	724	44,285
Payment for work done on materials given out	65	-	-	65	-	65
Amount payable to Ministry of Food for flour used for biscuits	3,496	254	784	4,533	64	4,597
Transport payments	1,341	53	358	1,752	8	1,760
Net output	18,229	1,069	4,458	23,755	457	24,212
Wages and salaries of persons employed	8,733	518	2,102	11,353	197	11,550
Average number of persons employed (a)	No. 31,192	No. 1,771	No. 7,996	No. 40,959	No. 864	No. 41,823
Net output per person employed (a)	£ 584	£ 603	£ 558	£ 580	£ 528	£ 579
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	1,292	39	297	1,628	21	1,649
Materials and fuel	6,247	305	1,634	8,186	170	8,356
Number of establishments	No. 93	No. 4	No. 30	No. 127	No. 4	No. 131

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

	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade						
Total value of sales (see Table 20)	54,902	3,581	15,017	73,499	1,259	74,758
Changes in stocks and work in progress (see Table 21)	+ 118	- 6	+ 48	+ 160	- 7	+ 153
Gross output (production)	55,020	3,575	15,065	73,659	1,252	74,911
Materials and fuel used by firms in this trade						
Purchases	33,997	2,321	9,924	46,242	784	47,025
Changes in stocks (see Table 21)	- 2,104	- 122	- 455	- 2,680	- 60	- 2,740
Materials and fuel used	31,893	2,199	9,469	43,562	724	44,285

(a) Excluding outworkers but including working proprietors.

Summary

Small firms in Great Britain (a)

TABLE 19

	England	Wales	Scotland	Great Britain
Number of returns	25	-	14	39
Average number of persons employed (b)				
Males	63	-	33	96
Females	87	-	54	141
Total	150	-	87	237

(a) Small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns.
(b) Including working proprietors.

Sales in the trade
Larger establishments

TABLE 20

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Th.cwts.	£'000	Th.cwts.	£'000	Th.cwts.	£'000	Th.cwts.	£'000	Th.cwts.	£'000
Principal products										
Biscuits for human consumption										
Whole										
Sweetened										
Chocolate coated (fully)	796	11,418 (a)	354	5,644	..	..	..	(a)	1,150	17,062
Chocolate coated (partially)	220	2,145(a)	27	284	..	..	..	(a)	247	2,429
Other kinds	4,108	29,628(a)	801	6,077	..	..	..	(a)	4,908	35,705
Unsweetened	855	6,938	161	1,403	1,016	8,342	3	23	1,019	8,365
Broken	78	248	18	56	96	304	-	-	96	304
Rusks (infants', diabetic, breakfast, etc.)										
Oatcakes	126	1,466(a)	43	404	..	..	..	(a)	169	1,870
Dry wafers (including cones, cornets, etc.)										
Crispbread	..	(b)	..	(b)	154	1,210	-	-	154	1,210
Matzos and matzo meal	34	170	-	-	34	170	-	-	34	170
Cereal filler (sausage rusk)										
Breadcrumbs (c)	825	1,794	179	377	1,004	2,171	-	-	1,004	2,171
Waste products	..	231(a)	..	47	..	..	..	(a)	..	278
Total principal products		(b)		(b)		68,456		1,110		69,565
Other output										
Slab or size cake sold by weight	162	1,814	..	(b)	..	..	..	(b)	191	2,113
Other flour confectionery	..	780	..	(b)	..	..	..	(b)	..	990
Bread	..	(b)	..	(b)	67	146	-	-	67	146
Chocolate and sugar confectionery	..	(b)	..	(b)	31	510	-	-	31	510
Seasonings, stuffings and forcemeat	62	506	-	-	62	506	-	-	62	506
Other goods	..	917	..	10	..	927	-	-	..	927
Total		58,483		15,017		73,499		1,259		74,758

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

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

(c) So far as recorded separately.

Stocks of products on hand for sale and work in progress,
and stocks of materials and fuel

Larger establishments

TABLE 21

£'000

		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Products on hand for sale	{ at beginning of year	1,169	219	1,388	27	1,415
	{ at end of year	1,270	242	1,512	20	1,532
Work in progress	{ at beginning of year	51	29	80	-	80
	{ at end of year	62	54	116	1	117
Total products on hand for sale and work in progress	{ at beginning of year	1,220	248	1,468	27	1,495
	{ at end of year	1,331	297	1,628	21	1,649
Materials and fuel	{ at beginning of year	4,326	1,180	5,506	110	5,616
	{ at end of year	6,552	1,634	8,186	170	8,356

Employment in September

Larger establishments (a)(b)

TABLE 22

(i) Operatives

Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	985	249	1,234	129	1,363
All ages	9,473	2,123	11,596	317	11,913
Females					
Under 18	2,821	758	3,579	181	3,760
All ages	18,457	4,833	23,290	403	23,693
Total					
Under 18	3,806	1,007	4,813	310	5,123
All ages	27,930	6,956	34,886	720	35,606

(ii) Administrative, technical and clerical employees

Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	39	6	45	1	46
All ages	3,233	600	3,833	65	3,898
Females					
Under 18	651	167	818	8	826
All ages	2,968	751	3,719	69	3,788
Total					
Under 18	690	173	863	9	872
All ages (c)	6,201	1,351	7,552	134	7,686

(continued overleaf)

TABLE 22 (contd.)

	(iii) Total employees					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males						
Under 18	1,024	255	1,279	130	1,409	
All ages	12,706	2,723	15,429	382	15,811	
Females						
Under 18	3,472	925	4,397	189	4,586	
All ages	21,425	5,584	27,009	472	27,481	
Total						
Under 18	4,496	1,180	5,676	319	5,995	
All ages (c)	34,131	8,307	42,438	854	43,292	

(a) Excluded employees. The number of persons employed at the larger establishments in this trade but not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchandising and in Northern Ireland canteen and welfare workers) are shown in Table 22(v) below.

(b) Number employed in the week ended September 22, 1951.

(c) Working proprietors. In addition working proprietors, shown in Table 22(iv) below, were engaged in this trade in larger establishments.

	(iv) Working proprietors					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males	1	8	9	6	15	
Females	1	-	1	-	1	
Total	2	8	10	6	16	

	(v) Excluded employees					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Canteen workers						
Males	12	-	12	1	13	
Females	392	111	503	10	513	
Total	404	111	515	11	526	
Other workers						
Males	283	50	333	-	333	
Females	179	19	198	1	199	
Total	462	69	531	1	532	
Total excluded employees	866	180	1,046	12	1,058	

Average employment
Larger establishments (a)

	TABLE 23					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Operatives	26,908	6,645	33,553	723	34,276	
Administrative, technical and clerical employees	6,053	1,343	7,396	135	7,531	
Total	32,961	7,988	40,949	858	41,807	

Outworkers. In addition to the employees shown above the firms in this trade employed outworkers whose numbers are shown below.

						Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males	3	-	3	-	3	
Females	-	-	-	-	-	
Total	3	-	3	-	3	

(a) For employment in small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns see Table 19.

Wages and salaries and employers' National Insurance contributions paid during the year

Larger establishments

	TABLE 24					£'000
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Wages and salaries (a) of						
Operatives	6,379	1,546	7,925	139	8,065	
Administrative, technical and clerical employees	2,872	556	3,428	58	3,486	
Total	9,251	2,102	11,353	197	11,550	
Employers' contributions to all National Insurance Schemes	286	69	356	10	366	

(a) Including bonus and commission payments but excluding a small payment to outworkers.

Plant, machinery and vehicles - acquisitions and disposals, and capital expenditure on new building work

	TABLE 25					£'000
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Plant, machinery and vehicles						
Acquisitions						
Plant and machinery						
New	1,436	317	1,753	19	1,772	
Second-hand	27	27	54	1	55	
Vehicles						
New	361	68	429	9	438	
Second-hand	24	5	29	-	29	
Total acquisitions	1,848	417	2,265	30	2,295	
Disposals						
Plant and machinery	33	3	36	1	38	
Vehicles	47	8	55	2	57	
Total disposals	80	11	91	3	94	
New building work						
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	330	48	378	-	378	

Payments for transport services for finished goods
sold and materials and fuel purchased

Larger establishments

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Amounts paid to other firms and undertakings	1,281	357	1,637	8	1,645
Amount paid or credited to firms' own separate transport organisations	114	1	114	-	114
Total	1,394	358	1,752	8	1,760

GENERAL NOTES

The following brief notes refer to Great Britain and, unless otherwise stated, to the census of production for 1951. Reference should be made to the separate booklet in this series entitled 'The Report on the Census of Production for 1951: Introductory Notes' (price 1s.6d. net) for particulars of the minor differences in the Northern Ireland censuses and other details about the census of production.

Trade classification: Establishments are classified to trades according to the nature of their output. Certain products, called principal products, are identified as characteristic of the production of individual trades, the principal products for a given trade being of a similar nature or commonly associated in production. An establishment is classified to a trade if its output of principal products of that trade accounted for a greater proportion of the value of its output than did its output of principal products of any other trade.

The establishment: The basic unit for the collection of information is generally the establishment which in most cases comprises the whole of the premises under the same ownership or management at a particular address (e.g., a factory). Offices, warehouses and other ancillary places of business situated apart from the producing works are included in the return for the works.

Larger establishments and small firms: Larger establishments are those which employed more than 10 persons on the average during the year; small firms are those employing on the average 10 or fewer persons.

Working proprietors are proprietors of businesses other than limited companies, and include members of their families who work in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded.

Persons employed: Administrative employees include directors other than those paid by fee only, managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; and travellers and office (including works office) employees. Operatives include all other classes of employees, that is, broadly speaking, all manual workers.

All these figures exclude canteen employees and persons engaged in merchandising or any other activity not covered by a firm's return who are shown separately as excluded employees.

Figures for employees include only persons on the pay-roll (that is whose National Insurance cards were held by the firm), whether full-time or part-time employees.

Outworkers, who are shown separately, are persons employed by the firm who work on materials supplied by the firm, but do not work on the premises; operatives directly employed who work out of doors (e.g., maintenance workers) and sub-contractors are not included as outworkers.

Wages and salaries include all overtime payments, bonuses, and commissions, without any deduction for income tax, insurance, contributory pensions, etc. They exclude payments to working proprietors.

Capital expenditure: Expenditure on plant, machinery and vehicles relates to expenditure charged to capital account during the year of return, including transport and installation costs involved. Expenditure on new building work is similarly that charged to capital account during the year.

Materials and fuel: The cost of materials and fuel purchased includes all purchases during the year of materials for use in production and of fuel (including oil, gas, and electricity for all purposes, including heating and lighting); all packing materials, including the full cost of returnable containers when first purchased; workshop materials; office materials; water charges; materials for repairs to firms' own buildings, plant and vehicles when carried out by

their own work people included in the return; and consumable tools and parts for machinery purchased as replacement. Materials, components, etc. which were purchased and re-sold in the same state (that is, merchanted or factored goods) were excluded. For 1951 firms in many trades were required to state the quantities of certain purchased materials used.

Stocks and work in progress: Firms were instructed to give these at income tax value.

Output: Sales means sales during the year of goods made in the establishment covered by the return or made on commission for it, whether produced in the year or not. For all post-war censuses the value of sales was the net selling value, that is, the amount charged to customers, whether on an ex-works or delivered basis, and net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc. For goods charged on a delivered basis to customers overseas, firms were required to give the f.o.b. value.

Gross output of a trade is the total value of goods made and other work done during the year; this means the value of sales and work done during the year adjusted for changes in the values of stocks.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used and the amount paid for work given out and, for 1951, any transport payments included in firms' returns. This represents the value added to materials by the process of production, and constitutes the fund from which wages, salaries, rents, rates and taxes, advertising and other selling expenses and all other similar charges have to be met as well as depreciation and profits.

Customs and Excise Duty paid on materials purchased is included in the cost of materials, but where it is especially important separate figures are shown.

Later reports: Reports will be published later summarising the main census results and giving information about power equipment and fuel consumption.

Disclosure of information: The report has been prepared in conformity with the disclosure provisions of the Statistics of Trade Act, 1947. Figures have been combined with others of a similar nature in certain cases where publication of separate details might disclose the operations of an individual firm.

Symbols used: '...' for 'Not available', '-' for 'Nil or negligible (less than half the final digit shown)'

The figures in the tables have been rounded off to the nearest final digit, and there may be an apparent slight discrepancy between the sums of the constituent items and the totals shown.

Tables 1 to 17 show figures for the United Kingdom (or Great Britain).

Tables 18 to 26 are country tables and give, where practicable, separate details for England and Wales, Scotland and Northern Ireland.

Table 6: Specialist producers refer to those establishments 50 per cent. or more of whose total output by value is accounted for by the groups of products specified.

Table 8 (or 8(i)) shows the total sales of principal products of the trade, and includes therefore the sales of these products returned by establishments whether classified to the trade or to other trades. Those produced by establishments in other trades are shown in Table 9.

Table 10 shows the sales by establishments in the trade of products other than those regarded as principal products of the trade.

Table 20 (or 20(i)) shows sales by establishments in the trade of products, whether principal products or not, and broadly the aggregates here are equal to the corresponding figures in Table 8 (or 8(i)) less those in Table 9, plus those in Table 10.

CROWN COPYRIGHT RESERVED

PRINTED AND PUBLISHED BY HER MAJESTY'S STATIONERY OFFICE

To be purchased from

York House, Kingsway, LONDON, W.C.2 423 Oxford Street, LONDON, W.1
P.O. Box 569, LONDON, S.E.1

13a Castle Street, EDINBURGH, 2 109 St. Mary Street, CARDIFF
39 King Street, MANCHESTER, 2 Tower Lane, BRISTOL, 1
2 Edmund Street, BIRMINGHAM, 3 80 Chichester Street, BELFAST

or from any Bookseller

1955

Price 1s 6d net

PRINTED IN GREAT BRITAIN

S.O. Code No. 51-328-8-3