



BOARD OF TRADE

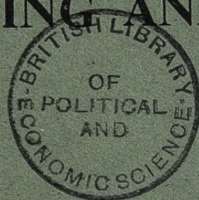
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THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 8

Trade E

BACON CURING AND SAUSAGE



*Presented by the Board of Trade to Parliament
in pursuance of the Statistics of Trade Act, 1947
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* Not applicable to this trade

BACON CURING AND SAUSAGE TRADE

THIS REPORT on the Bacon Curing and Sausage Trade relates to establishments engaged wholly or mainly in curing bacon and ham and making sausages, meat pasties, pies and puddings, salted or pickled pork, black puddings and lard (except compound lard).

This trade corresponds to minimum list heading 153(2) 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.

BACON CURING AND SAUSAGE 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
Net amount payable by the Ministry of Food in respect of equalisation payments and transport allowances (c)	90,270	77,973	57,815	54,292	37,179	41,552	38,156
Net amount payable by the Bacon Curers (Wartime) Association Ltd. in respect of payments for throughput (d)	24,707	23,221	14,452	12,452	4,544		
	+ 37	- 98	- 223	- 223	+ 123		
Cost of materials and fuel used (e)	98,527	87,780	59,624	54,561	30,503	34,529	31,512
Payment for work done on materials given out	14	11	80	79	125	3	4
Transport payments (f)	957	..	..	..	..	..	..
Net output	15,515	13,305	12,341	11,881	11,218	7,020	6,640
Wages and salaries of persons employed	7,392	6,425	5,782	5,597	4,974	..	..
Average number of persons employed (g)	No.	No.	No.	No.	No.	No.	No.
	23,483	21,982	20,410	19,612	18,205	22,050	20,858
Net output per person employed (g)	£	£	£	£	£	£	£
	661	605	605	606	616	318	317
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	2,604	2,009	1,470	1,261	657	..	..
Materials and fuel	2,272	1,691	1,542	1,490	1,343	..	..
Number of establishments	No.	No.	No.	No.	No.	No.	No.
	404	387	396	377	346	..	383

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 (h)							
Principal products (i)	82,806	77,970	57,602	54,145	34,771	38,259	35,418
Other output (j)	6,924				2,454	3,293	2,738
Changes in stocks and work in progress (k)	+ 540	+ 480	+ 546	+ 461	+ 282		
	90,270	78,450	58,148	54,606	37,506	41,552	38,156
Less payment for transport outwards (f)	..	477	333	314	328		
Gross output (production)	90,270	77,973	57,815	54,292	37,179	41,552	38,156
Materials and fuel used by firms in this trade							
Purchases	99,002	87,941	59,690	54,624	30,515	34,529	31,512
Changes in stocks (k)	- 475	- 161	- 67	- 64	- 12		
Materials and fuel used	98,527	87,780	59,624	54,561	30,503	34,529	31,512

(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 payment for transport services outwards on finished goods sold are excluded.

(c) For Northern Ireland net amount payable by the Ministry of Agriculture.

(d) Great Britain only. The net amount is derived in the following way:-

	1951	1950	1949	1948
Amount receivable by firms	£'000	£'000	£'000	£'000
Amount payable by firms	172	215	169	228
	135	314	391	105
Net amount	+ 37	- 98	- 223	+ 123

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

(f) 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.

(g) Including working proprietors. For an estimate of the total number of persons employed in this trade see Table 3.

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

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

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

(k) For details for 1951 see Table 21.

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Summary

Small firms (a)

TABLE 2

	Great Britain		United Kingdom	Great Britain	
	1951	1950	1949	1949	1948
Number of returns	878	1,158	1,494	1,463	1,571
Average number of persons employed (b)					
Males	3,369	4,170	4,839	4,700	5,403
Females	1,232	1,465	1,842	1,818	2,247
Total	4,601	5,635	6,681	6,518	7,650

(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)	23,483	21,982	20,410	19,612	18,205
Employing on the average ten or fewer persons (c)	4,601 (d)	5,635 (d)	6,681	6,518	7,650
Estimated average employment in firms not making satisfactory returns	28,084	27,617	27,091	26,130	25,855
	492	528	520	520	1,281
Estimated average employment in all firms	28,576 (d)	28,145 (d)	27,611	26,650	27,136

(a) Including working proprietors.

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

(c) See Table 2.

(d) Excluding any small firms in Northern Ireland.

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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	183	15,887	2,155	3,124	726	231	957	690
25 - 49	110	14,761	2,693	3,887	913	272	1,185	693
50 - 99	62	18,160	3,252	4,481	1,056	383	1,439	726
100 - 199	34	22,046	3,089	4,670	1,141	338	1,479	661
200 - 299	6	5,785	1,190	1,488	349	81	430	800
300 - 499	4	3,917	895	1,519	363	87	450	589
500 and over	5	9,714	2,242	4,314	1,033	419	1,452	520
Total	404	90,270	15,515	23,483	5,582	1,811	7,392	661

(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	26	5,039	656	4.2	989	227	78	305	663
East and West Ridings	29	4,015	903	5.8	1,079	264	74	338	836
North Midland	25	2,659	611	3.9	851	215	64	280	718
Eastern	13	5,614	809	5.2	1,164	281	81	362	695
London and South Eastern	68	19,580	3,029	19.5	4,995	1,289	376	1,665	606
Southern	23	3,341	605	3.9	979	233	74	307	618
South Western	31	11,567	2,021	13.0	3,429	758	298	1,056	589
Midland	39	11,463	2,189	14.1	3,051	751	294	1,044	718
North Western	64	6,359	1,555	10.0	2,398	544	168	712	648
Total England	318	69,637	12,376	79.8	18,935	4,563	1,507	6,070	654
Wales	9	813	184	1.2	295	76	16	92	624
Scotland	54	11,545	1,894	12.2	2,562	565	186	750	739
Great Britain	381	81,995	14,454	93.2	21,792	5,204	1,708	6,912	663
Northern Ireland	23	8,275	1,061	6.8	1,691	378	102	480	627
United Kingdom	404	90,270	15,515	100.0	23,483	5,582	1,811	7,392	661

(a) Administrative, technical and clerical employees.

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Analysis according to specialisation within the trade, 1951

Larger establishments in the United Kingdom

TABLE 6

	Establishments	Gross output	Sales of characteristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Operatives	Other employees (a)	Total	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist producers:									
Bacon and ham curing, including smoking if at the same establishment	95	41,448	30,537	5,225	6,914	1,698	570	2,268	756
Bacon and ham smoking, but no curing	12	9,277	9,218	331	243	75	18	93	1,362
Sausages, including sausage meat	88	10,197	7,755	2,654	4,488	1,042	314	1,356	591
Remainder of the trade	209	29,348		7,305	11,838	2,767	909	3,676	617
Total	404	90,270		15,515	23,483	5,582	1,811	7,392	661

(a) Administrative, technical and clerical employees.

Total make of intermediate products

Larger establishments

TABLE 7

	Returned in this trade				Returned in all trades		
	United Kingdom 1951		Great Britain 1948		United Kingdom 1951		Great Britain 1948
	Quantity	Entries	Quantity	Quantity	Entries	Quantity	
	Th.cwts. (a)	No.	Th.cwts. (a)	Th.cwts. (a)	No.	Th.cwts. (a)	
Bacon and ham, cured	3,485	..	1,089	3,487	163	1,091	

(a) Green weight after cure.

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
Bacon and ham (uncooked)					
Bacon					
Cured only	2,742	27,736	153	850	6,811
Smoked	1,543	17,785	112	639	5,614
Unclassified	141	1,458	8	25	204
Ham, cured only or smoked	101	1,286	37	24	244
Unclassified bacon and ham	-	-	-	82	684
Total bacon and ham	4,527	48,266	..	1,620	13,557

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TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.cwts.	£'000	No.	Th.cwts.	£'000
Open pack meat products					
Cooked ham and other cooked meats	128	1,664	182	209	1,490
Brawn	67	444	187	75	363
Meat puddings and pies	1,226	10,479	950	1,336	8,112
Meat and fish puddings and pies, unclassified	..	3	..	51	331
Black pudding	149	839	194	193	913
Tripe, dressed	114	498	61	75	209
Offals and by-products, not elsewhere specified				..	21
Edible	626	2,702	182	187	714(a)
Inedible (including bones)	341	451	178	..	105
Unclassified	..	232	..	130	153
Sausage meat	153	1,125	177	17	36
Sausages (other than black pudding)				..	44
Uncooked				243	1,052
Pork	1,075	10,451	279	237	1,416
Beef	708	5,046	218	1,049	5,670
Cooked (breakfast sausage, poloney, etc.)	112	719	169	212	999
Sausage meat and sausages, unclassified	50	434	12	111	627
Other open pack meat products	108	931	126	..	313
Bladders, casings, and sausage skins				12	80(b)
Sheep	13	523	38	..	603
Other	43	560	80	..	274
Unclassified	..	415	..	..	183
Lard made and sold unblended	69	400	64	14	64(c)
Gut string (unfinished)	..	41	9	9	7
Waste products	..	..	..	..	47
Work done for the trade or on commission (d)	..	156(e)	50	..	117
Total		86,674	..		39,024
Sales in other trades (see Table 9)		3,868	..		4,253
Principal products of this trade sold by establishments in the trade		82,806	385		34,771

(a) Including 60,000 cwts. valued at £130,000 of heads recorded separately for 1948.

(b) So far as recorded separately.

(c) Including blended lard and imported lard refined and sold unblended.

(d) Amount charged.

(e) Including any amounts charged for work done for other trades.

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

Larger establishments

TABLE 9

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.cwts.	£'000	No.	Th.cwts.	£'000
Bacon					
Cured only	2	25	..	2	14
Smoked	3	37	..	3	36
Open pack meat products					
Cooked ham and other cooked meats	5	74	..	8	57
Brawn	-	-	-	2	8
Meat puddings and pies	341	2,879	732	363	2,376
Meat and fish puddings and pies, unclassified	..	3	..	..	715
Black pudding	21	65	5	41	284
Tripe, dressed	-	-	-	5	90
Sausage meat	-	-	-	6	28
Sausages (other than black pudding)				..	34(a)
Uncooked				24	137
Pork	27	278	20	34	190
Beef	18	146	20	9	45
Cooked (breakfast sausage, poloney, etc.)	2	21	11	6	36
Sausage meat and sausages, unclassified	15	137	..	..	23
Other open pack meat products (including offals and by-products, not elsewhere specified)	6	29	..	9	18
Bladders, casings and sausage skins				..	32
Sheep	..	21	5	..	41
Other	2	66	..	..	26
Unclassified	..	16	..	..	1
Lard made and sold unblended	-	-	-	-	..
Gut string (unfinished)	..	31	..	..	(a)
Waste products	..	..	..	..	32(b)
Work done for the trade or on commission	..	..	..	..	..
Total		3,868	..		4,253

(a) The figure for gut string (unfinished) is included in that shown for tripe, dressed.

(b) Amount charged.

Sales in the trade of other than principal products

Larger establishments

TABLE 10

	United Kingdom 1951		Great Britain 1948	
	Quantity	Value	Quantity	Value
	Th.cwts.	£'000	Th.cwts.	£'000
Fresh meat sold				
Pork	163	1,881	56	370
Other	92	749	45	188
Preserved foods			..	131
Preserved meat in tins, glasses, etc.				
Meat roll or galantine	62	528	18	92
Tongues	6	153	3	57
Other solid packs	49	641	2	21
Other descriptions (including ready or prepared meals)	89	859	11	90
Meat and fish pastes in tins, glasses, etc.				
Poultry and/or meat	8	90	12	105
Fish	2	30	6	90
Unclassified	-	-	3	34
Other preserved meat (excluding meat extracts and essences)	10	22	19	100
Soups, tinned or bottled	26	115	33	118(a)
Sweet puddings, canned	9	56	11	50
Potato crisps	4	63	3	68
Other preserved foods	18	111	7	52
Bakery products			..	15
Bread			..	3
Flour confectionery	..	479	11	69
Other	5	34	..	99
Seasonings, stuffings and forcemeat	..	8	..	75(b)
Other food products	2	23	..	
Feeding stuffs for animals	..	68	..	209
Oils, fats and greases (excluding tallow)				
Refined, edible				
Dripping	Th.tons		Th.tons	
Suet and other animal fats	1	24	3	17
Compound cooking fat	..		..	8
Unrefined, and unclassified	Th.cwts.		Th.cwts.	
Dripping	53	347	29	161
Suet and other animal fats	45	238	3	13
Compound cooking fat	-	-	..	3
Unrefined, and unclassified	28	63	..	14
	..	19	..	

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TABLE 10 (contd.)

	United Kingdom 1951		Great Britain 1948	
	Quantity	Value	Quantity	Value
	Th.cwts.	£'000	Th.cwts.	£'000
Tallow	34	167	20	76
Fertilisers	..	31	..	58
Hair	..	9	..	25
Other and unclassified goods	..	85		
Work done (c)		(d)		
Total		6,924		2,454

(a) Including a small amount of soup squares and powders.

(b) Including ice cream sold in bulk.

(c) Amount charged.

(d) Not recorded separately (see Table 8).

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

TABLE 11

		Production (b)(c)	Exports (d)	Retained imports (e)
		Th.cwts.	Th.cwts.	Th.cwts.
Bacon and ham	1951	3,487 (f)	16	4,419
	1948	1,091 (f)	13	2,688
	1937	2,596 (f)	67	7,558
Bladders, casings and sausage skins		£'000	£'000	£'000
	1951	818	82	675
	1948	603	17	1,365
Other	1951	975	565	3,269
	1948	274	40	1,854
Total bladder, casings and sausage skins	1951	1,793	648	3,944
	1948	1,060 (g)	58	3,219
	1937	921	372	1,175

(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 (except for bacon and ham).

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

(d) Valued f.o.b.

(e) Valued c.i.f.

(f) The figures for 1951 and 1948 relate to bacon and ham cured, whether for sale as such or for further processing in the same works. The figure for 1937 relates to production for sale, excluding cured bacon or ham purchased as such and smoked only.

(g) Including unclassified output.

TABLE 12 - Usage of certain specified purchased materials, 1951

Larger establishments in the United Kingdom

The total quantity used of purchased raw meat, including offal was recorded as 6,351,000 cwts.

(85516/2)

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

	United Kingdom			Great Britain		United Kingdom		Number
	1951(b)	1950(b)	1949(b)	1949(b)	1948(c)	1937(c)	1935(c)	
Males								
Under 18	838	697	642	567	468	1,057	947	
All ages	12,676	12,219	11,378	10,773	9,417	12,475	12,123	
Females								
Under 18	661	555	535	509	490	1,390	1,161	
All ages	7,367	6,834	6,048	5,959	5,641	5,101	4,604	
Total								
Under 18	1,499	1,252	1,177	1,076	958	2,447	2,108	
All ages	20,043	19,053	17,426	16,732	15,058	17,576	16,727	

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

	United Kingdom			Great Britain		United Kingdom		Number
	1951	1950	1949	1949	1948	1937	1935	
Males								
Under 18	80	70	49	38	39	230	156	
All ages	2,347	2,121	2,045	1,932	1,865	3,211	2,918	
Females								
Under 18	284	252	245	241	185	236	186	
All ages	1,501	1,395	1,386	1,355	1,200	1,263	1,213	
Total								
Under 18	364	322	294	279	224	466	342	
All ages	3,848(e)	3,516(e)	3,431(e)	3,287(e)	3,065(e)	4,474	4,131	

(iii) Total employees

	United Kingdom			Great Britain		United Kingdom		Number
	1951	1950	1949	1949	1948	1937	1935	
Males								
Under 18	918	767	691	605	507	1,287	1,103	
All ages	15,023	14,340	13,423	12,705	11,282	15,686	15,041	
Females								
Under 18	945	807	780	750	675	1,626	1,347	
All ages	8,868	8,229	7,434	7,314	6,841	6,364	5,817	
Total								
Under 18	1,863	1,574	1,471	1,355	1,182	2,913	2,450	
All ages	23,891(e)	22,569(e)	20,857(e)	20,019(e)	18,123(e)	22,050	20,858	

(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 merchandising and in Northern Ireland canteen and welfare workers):-

Canteen workers 13 Males 144 Females
Other workers 399 Males 279 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

	United Kingdom			Great Britain		Number
	1951	1950	1949	1949	1948	
Males	89	78	95	78	73	
Females	13	7	9	8	9	
Total	102	85	104	86	82	

Average employment
Larger establishments (a)

	United Kingdom			Great Britain		United Kingdom		Number
	1951	1950	1949	1949	1948	1937	1935	
Operatives	19,680	18,446	16,916	16,275	15,058	17,576	16,727	
Administrative, technical and clerical employees	3,701	3,451	3,390	3,251	3,065(b)	4,474(b)	4,131(b)	
Total	23,381	21,897	20,306	19,526	18,123	22,050	20,858	

(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. No outworkers were recorded in this trade in any year.

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	-	-	-
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	779	8,025	2
Other shift systems	-	-	-
Total	779	8,025	(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	362	2	18,653	509	142
Percentage of total in trade	100.0	0.6	100.0	2.7	0.8
Percentage of total on returns showing shift-work				100.0	27.9

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	5,582	4,909	4,301	4,159	3,648
Administrative, technical and clerical employees	1,811	1,516	1,481	1,438	1,325
Total	7,392	6,425	5,782	5,597	4,974
Employers' contributions to all National Insurance Schemes	231	212	191	183	143

(a) Including bonus and commission payments.

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	716	523	498	382
Second-hand	13	12	12	9
Vehicles				
New	274	310	299	215
Second-hand	37	28	27	24
Total acquisitions	1,040	872	835	630
Disposals				
Plant and machinery	17	17	16	11
Vehicles	55	46	44	41
Total disposals	73	62	60	52
New building work				
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	360	268	193	91

Summary: Larger establishments

TABLE 18

	England	Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Gross output (production)	£'000 69,637	£'000 813	£'000 11,545	£'000 81,995	£'000 8,275	£'000 90,270
Net amount payable by the Ministry of Food in respect of equalisation payments and transport allowances (a)	20,065	244	2,211	22,520	2,187	24,707
Net amount payable by the Bacon Curers (Wartime) Association Ltd. in respect of payments for throughput (b)	32	2	2	37	-	37
Cost of materials and fuel used	76,662	873	11,745	89,280	9,247	98,527
Payment for work done on materials given out	13	-	-	14	-	14
Transport payments	683	1	119	803	154	957
Net output	12,376	184	1,894	14,454	1,061	15,515
Wages and salaries of persons employed	6,070	92	750	6,912	480	7,392
Average number of persons employed (c)	No. 18,935	No. 295	No. 2,562	No. 21,792	No. 1,691	No. 23,483
Net output per person employed (c)	£ 654	£ 624	£ 739	£ 663	£ 627	£ 661
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	1,912	24	338	2,273	331	2,604
Materials and fuel	1,883	7	212	2,103	170	2,272
Number of establishments	No. 318	No. 9	No. 54	No. 381	No. 23	No. 404

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)	69,192	805	11,443	81,440	8,290	89,730
Changes in stocks and work in progress (see Table 21)	+ 446	+ 8	+ 101	+ 555	- 15	+ 540
Gross output (production)	69,637	813	11,545	81,995	8,275	90,270
Materials and fuel used by firms in this trade						
Purchases	77,031	870	11,817	89,718	9,283	99,002
Changes in stocks (see Table 21)	- 369	+ 3	- 72	- 438	- 37	- 475
Materials and fuel used	76,662	873	11,745	89,280	9,247	98,527

(a) For Northern Ireland net amount payable by the Ministry of Agriculture.

(b) Derived in the following way:-

	England	Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Amount receivable by firms	£'000 150	£'000 2	£'000 20	£'000 172	£'000 -	£'000 172
Amount payable by firms	117	-	17	135	-	135
Net amount	32	2	2	37	-	37

(c) Including working proprietors.

Summary

Small firms in Great Britain (a)

TABLE 19

	England	Wales	Scotland	Great Britain
Number of returns	752	34	92	878
Average number of persons employed (b)				
Males	2,873	112	384	3,369
Females	1,058	46	128	1,232
Total	3,931	158	512	4,601

(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										
Bacon and ham (uncooked)										
Bacon										
Cured only	2,238	22,240	230	2,821	2,468	25,061	273	2,650	2,741	27,711
Smoked	1,104	12,616	286	3,268	1,390	15,884	150	1,864	1,540	17,748
Unclassified	88	887	53	571	141	1,458	-	-	141	1,458
Ham, cured only or smoked	4	82	20	277	24	359	77	927	101	1,286
Total bacon and ham	3,434	35,826	588	6,937	4,022	42,763	500	5,441	4,523	48,204
Open pack meat products										
Cooked ham and other cooked meats	90	1,251	23	219	113	1,469	9	121	122	1,590
Brawn	61	404	6	38	67	441	-	2	67	444
Meat puddings and pies	840	7,171 (a)	45	430	..	..	..	(a)	885	7,600
Black pudding	204	1,043 (a)	39	229	..	..	..	(a)	243	1,272
Tripe, dressed	92	674	24	198	117	872	37	253	153	1,125
Sausage meat	826	8,161	121	1,203	947	9,364	101	810	1,049	10,174
Sausages (other than black pudding)	655	4,659 (a)	34	241	..	..	..	(a)	690	4,901
Cooked (breakfast sausage, poloney, etc.)	101	641 (a)	8	57	..	..	..	(a)	109	698
Sausage meat and sausages, unclassified	32	270	3	27	35	297	-	-	35	297
Other open pack meat products (including edible offals and by-products, not elsewhere specified)	587	2,854	52	320	638	3,173	91	430	729	3,604
Inedible offals and by-products (including bones), not elsewhere specified	284	354	25	33	308	387	32	64	341	451
Bladders, casings and sausage skins	..	226	..	5	..	232	..	..	..	232
Sheep	10	338 (a)	3	164	..	..	..	(a)	12	502
Other	..	157	..	72	..	..	..	..	..	229
Lard made and sold unblended	34	481 (a)	7	63	..	..	..	(a)	41	544
Gut string (unfinished)	..	343	..	31	..	..	..	..	..	374
Waste products	41	234	5	31	47	265	22	136	69	400
Work done for the trade or on commission (b)	..	9 (a)	-	-	..	..	..	(a)	..	9
Total principal products	..	132	..	1	..	134	..	22	..	156
Total principal products		65,054		10,300		75,354		7,453		82,806

Other output										
Fresh meat sold										
Pork	..	(c)	..	(c)	154	1,842	8	39	163	1,881
Other	60	481	8	172	68	653	24	96	92	749
Preserved foods										
Preserved meat in tins, glasses, etc.										
Meat roll or galantine	53	428	9	100	62	528	-	-	62	528
Tongues	6	135	1	17	6	153	-	-	6	153
Other solid packs	42	445 (a)	7	196	..	..	..	(a)	49	641
Other descriptions (including ready or prepared meals)	..	(c)	..	(c)	..	..	..	(c)	89	859
Meat and fish pastes in tins, glasses, etc.										
Poultry and/or meat	7	85	-	5	8	90	-	-	8	90
Fish	2	30	-	-	2	30	-	-	2	30
Other preserved meat (excluding meat extracts and essences)										
Soups, tinned or bottled	14	65 (a)	12	50	..	..	..	(a)	26	115
Sweet puddings, canned	..	(c)	..	(c)	9	56	-	-	9	56
Potato crisps	..	(c)	..	(c)	4	63	-	-	4	63
Other preserved foods	..	(c)	..	(c)	..	..	..	(c)	18	111
Bakery products										
Bread and flour confectionery	..	470 (a)	..	9	..	..	..	(a)	..	479
Other	..	(c)	..	(c)	5	34	-	-	5	34
Seasonings, stuffings and forcemeat										
Other food products	..	(c)	..	(c)	2	23	-	-	2	23
Feeding stuffs for animals										
Other food products	..	62 (a)	..	6	..	..	..	(a)	..	68
Feeding stuffs for animals										
Other food products	..	(c)	..	(c)	..	..	..	(c)	Th. tons 1	24
Oils, fats and greases (excluding tallow)										
Refined, edible										
Dripping	37	243 (a)	16	104	..	..	..	(a)	53	347
Suet and other animal fats	39	210 (a)	7	28	..	..	..	(a)	45	238
Unrefined, and unclassified										
Tallow	24	112 (a)	10	55	..	..	..	(a)	34	167
Fertilisers	..	(c)	..	(c)	..	..	..	(c)	..	31
Hair	..	(c)	..	(c)	..	..	..	(c)	..	9
Other and unclassified goods	..	(c)	..	(c)	..	..	..	(c)	..	85
Total		69,996		11,443		81,440		8,290		89,730

(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) Amount charged.

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

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

Larger establishments

		£'000				
		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Products on hand for sale	at beginning of year	1,099	192	1,291	257	1,548
	at end of year	1,458	289	1,747	263	2,010
Work in progress	at beginning of year	382	45	427	90	517
	at end of year	478	48	526	68	594
Total products on hand for sale and work in progress	at beginning of year	1,482	236	1,718	346	2,064
	at end of year	1,935	338	2,273	331	2,604
Materials and fuel	at beginning of year	1,525	140	1,665	133	1,798
	at end of year	1,891	212	2,103	170	2,272

Employment in September

Larger establishments (a)(b)

(i) Operatives		Number				
		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males	Under 18	614	102	716	122	838
	All ages	10,296	1,269	11,565	1,111	12,676
Females	Under 18	554	66	620	41	661
	All ages	6,250	838	7,088	279	7,367
Total	Under 18	1,168	168	1,336	163	1,499
	All ages	16,546	2,107	18,653	1,390	20,043
(ii) Administrative, technical and clerical employees		Number				
		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males	Under 18	55	5	60	20	80
	All ages	1,973	181	2,154	193	2,347
Females	Under 18	226	51	277	7	284
	All ages	1,187	247	1,434	67	1,501
Total	Under 18	281	56	337	27	364
	All ages (c)	3,160	428	3,588	260	3,848

TABLE 22 (contd.)

(iii) Total employees

		Number				
		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males	Under 18	669	107	776	142	918
	All ages	12,269	1,450	13,719	1,304	15,023
Females	Under 18	780	117	897	48	945
	All ages	7,437	1,085	8,522	346	8,868
Total	Under 18	1,449	224	1,673	190	1,863
	All ages (c)	19,706	2,535	22,241	1,650	23,891

(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		48	14	62	27	89
	Females	4	3	7	6	13
Total		52	17	69	33	102

(v) Excluded employees

		Number				
		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Canteen workers	Males	11	-	11	2	13
	Females	122	7	129	15	144
Total		133	7	140	17	157
Other workers	Males	347	51	398	1	399
	Females	263	14	277	2	279
Total		610	65	675	3	678
Total excluded employees		743	72	815	20	835

Average employment

Larger establishments (a)

		Number				
		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Operatives		16,169	2,109	18,278	1,402	19,680
	Administrative, technical and clerical employees	3,009	436	3,445	256	3,701
Total		19,178	2,545	21,723	1,658	23,381

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

Outworkers. No outworkers were recorded in this trade.

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	4,639	565	5,204	378	5,582
Administrative, technical and clerical employees	1,523	186	1,708	102	1,811
Total	6,162	750	6,912	480	7,392
Employers' contributions to all National Insurance Schemes	191	24	215	17	231

(a) Including bonus and commission payments.

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

Larger establishments

TABLE 25 £'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Plant, machinery and vehicles					
Acquisitions					
Plant and machinery					
New	620	57	677	39	716
Second-hand	8	4	12	1	13
Vehicles					
New	215	41	256	18	274
Second-hand	20	8	28	8	37
Total acquisitions	862	111	974	66	1,040
Disposals					
Plant and machinery	12	2	13	4	17
Vehicles	37	13	50	5	55
Total disposals	48	15	63	9	73
New building work					
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	279	27	305	55	360

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

Larger establishments

TABLE 26 £'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Amounts paid to other firms and undertakings	508	101	609	154	762
Amount paid or credited to firms' own separate transport organisations	177	18	195	-	195
Total	685	119	803	154	957

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.

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