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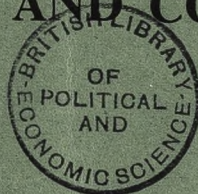
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THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 9

Trade H

TEA BLENDING AND COFFEE ROASTING



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

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* Not applicable to this trade

TEA BLENDING AND COFFEE ROASTING TRADES

THIS REPORT on the Tea Blending and Coffee Roasting Trades relates to establishments engaged wholly or mainly in blending tea and roasting coffee. Establishments mainly engaged in manufacturing coffee and chicory extracts and essences are excluded.

The establishments in these trades are included in minimum list heading 242 (1) in the Standard Industrial Classification.

These trades were not covered in 1937 or 1935. For the year 1950 Census of Production returns were required, in Great Britain, only from establishments that sold no merchanted goods nor undertook retailing during the year; other establishments (i.e., those which engaged in merchenting or retailing as well as production) made returns in the Census of Distribution only. In these trades, therefore, information for 1950 comparable to that for any other year is not available.

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.

DISTRIBUTIVE TRADES

TEA BLENDING AND COFFEE ROASTING TRADES

Summary

Larger establishments (a)

TABLE 1

	United Kingdom		Great Britain	
	1951	1949	1949	1948
Gross output (production)(b)	£'000	£'000	£'000	£'000
Customs and Excise drawback receivable in respect of	63,125	56,275	55,725	52,578
Tea	10	106	106	82
Coffee	20			10
Cost of materials and fuel used (c)	56,432	50,603	50,124	47,432
Payment for work done on materials given out	137	59	59	89
Transport payments (d)	615
Net output	5,971	5,719	5,648	5,149
Wages and salaries of persons employed	2,462	2,200	2,178	2,068
Average number of persons employed (e)	No.	No.	No.	No.
	7,291	7,155	7,051	7,228
Net output per person employed (e)	£	£	£	£
	819	799	801	712
Stocks at end of year	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	4,314	1,721	1,679	1,206
Materials and fuel	9,761	5,691	5,681	4,423
Number of establishments	No.	No.	No.	No.
	108	110	105	106

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

	£'000	£'000	£'000	£'000
Output of firms in this trade (f)				
Principal products (g)	59,749	56,251	55,702	51,884
Other output (h)	1,812			948
Changes in stocks and work in progress (i)	+ 1,565	+ 388	+ 386	+ 88
	63,125	56,639	56,088	52,920
Less payment for transport outwards (d)	..	364	363	342
Gross output (production)	63,125	56,275	55,725	52,578
Materials and fuel used by firms in this trade				
Purchases	60,923	52,006	51,520	47,641
Changes in stocks (i)	-4,491	-1,403	-1,396	- 209
Materials and fuel used	56,432	50,603	50,124	47,432

- (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) Including working proprietors. For an estimate of the total number of persons employed in this trade see Table 3.
 (f) Total value of sales.
 (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.

TEA BLENDING AND COFFEE ROASTING

Summary

Small firms (a)

TABLE 2

	Great Britain	United Kingdom	Great Britain	
	1951	1949	1949	1948
Number of returns	177	204	184	154
Average number of persons employed (b)				
Males	519	611	533	394
Females	324	346	327	226
Total	843	957	860	620

- (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.
 (b) Including working proprietors.

Estimated average employment (a)

All firms

TABLE 3

	United Kingdom		Great Britain	
	1951	1949	1949	1948
As returned by firms				
Employing on the average more than ten persons (b)	7,291	7,155	7,051	7,228
Employing on the average ten or fewer persons (c)	843 (d)	957	860	620
Estimated average employment in firms not making satisfactory returns	8,134	8,112	7,911	7,848
	25	51	51	282
Estimated average employment in all firms	8,159 (d)	8,163	7,962	8,130

- (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	49	5,595	808	893	148	147	295	905
25 - 49	29	6,324	691	983	155	149	304	703
50 - 99	12	5,277	654	749	132	107	239	873
100 - 199	8	8,376	621	1,090	170	200	370	570
200 - 299	7	16,876	1,389	1,620	363	202	565	858
300 and over	3	20,678	1,808	1,956	396	292	689	924
Total	108	63,125	5,971	7,291	1,364	1,098	2,462	819

- (82418) (a) Administrative, technical and clerical employees.

Analysis by standard region, 1951

Larger establishments in the United Kingdom

TABLE 5

Region	Estab- lish- ments	Gross output	Net output		Persons employed	Remuneration			Net output per person employed
			Value	Percent- age of total		Operatives	Other employees (a)	Total	
England	No.	£'000	£'000		No.	£'000	£'000	£'000	£
Northern	4	582	65	1.1	123	19	17	36	527
East and West Ridings; and North Midland	10	1,900	256	4.3	401	47	86	133	639
Eastern	4	555	66	1.1	117	20	13	33	562
London and South Eastern	42	34,757	3,640	61.0	4,107	838	638	1,475	886
Southern, South Western; and Midland	13	11,890	979	16.4	1,066	178	137	314	918
North Western	18	9,875	638	10.7	986	192	142	334	648
Total England	91	59,558	5,644	94.5	6,800	1,294	1,032	2,326	830
Wales	-	-	-	-	-	-	-	-	-
Scotland	13	3,000	256	4.3	385	58	53	111	665
Great Britain	104	62,559	5,901	98.8	7,185	1,352	1,085	2,437	821
Northern Ireland	4	566	70	1.2	106	12	13	25	665
United Kingdom	108	63,125	5,971	100.0	7,291	1,364	1,098	2,462	819

(a) Administrative, technical and clerical employees.

Analysis according to specialisation within the trade, 1951

Larger establishments in the United Kingdom

TABLE 6

	Estab- lish- ments	Gross output	Sales of charac- teristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Operatives	Other employees (a)	Total	
Specialist producers:	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Tea blending	97	61,400	54,290	5,708	7,045	1,319	1,059	2,378	812
Coffee roasting	11	1,725	1,384	263	246	45	39	84	1,070
Total	108	63,125		5,971	7,291	1,364	1,098	2,462	819

(a) Administrative, technical and clerical employees.

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
Tea blended					
Sold in bulk					
For export	18	369	17	21	332
Other	416	6,965	77	361	5,568
Pre-packed for retail sale					
For export	49	1,304	16	16	306
Other	2,772	45,659	82	2,720	42,598
Coffee roasted					
Whole bean	52	908	51	43	521
Ground					
Sold in bulk	88	1,996	57	65	704
Pre-packed for retail sale					
Pure coffee	145	3,246	50	143	1,856
Coffee and chicory	16	270	21	20	147
Other principal products, including waste products	..	189	43	..	59
Work done for the trade or on commission		91(a)	16		122(a)
Total		60,997	..		52,213
Sales in other trades (see Table 9)		1,248	..		329
Principal products of this trade sold by establishments in the trade		59,749	94		51,884

(a) Amount charged.

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
Tea blended, other than for export					
Sold in bulk	-	-	-	-	2
Pre-packed for retail sale	-	-	-	1	41
Coffee roasted					
Whole bean				-	-
Ground	49	1,208	6	-	-
Sold in bulk				24	274
Pre-packed for retail sale					-
Other principal products	..	40	..	-	-
Work done for the trade or on commission					11 (a)
Total		1,248	..		329

(a) 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
		£'000		£'000
Firewood, sawdust and other waste timber	..	124	..	230
Scrap metal	-	-	..	19
Other goods	..	1,688	..	698
Total		1,812		948

TABLE 11 - Production, exports and imports of certain principal products

This table is not applicable to the trade.

TABLE 12 - Usage of certain specified purchased materials, 1951

Larger establishments in the United Kingdom

The total quantity of purchased sugar used in 1951 was recorded as 34,600 cwts.

Employment in September
Larger establishments (a)

TABLE 13
(i) Operatives

	United Kingdom		Great Britain	
	1951(b)	1949(b)	1949(b)	1948(c)
Males				
Under 18	140	161	158	140
All ages	2,549	2,386	2,358	2,339
Females				
Under 18	385	397	373	416
All ages	2,503	2,407	2,359	2,449
Total				
Under 18	525	558	531	556
All ages	5,052	4,793	4,717	4,788

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

	United Kingdom		Great Britain	
	1951	1949	1949	1948
Males				
Under 18	70	33	30	39
All ages	1,289	1,290	1,267	1,329
Females				
Under 18	155	177	175	194
All ages	992	983	976	1,095
Total				
Under 18	225	210	205	233
All ages (e)	2,281	2,273	2,243	2,424

(iii) Total employees

	United Kingdom		Great Britain	
	1951	1949	1949	1948
Males				
Under 18	210	194	188	179
All ages	3,838	3,676	3,625	3,668
Females				
Under 18	540	574	548	610
All ages	3,495	3,390	3,335	3,544
Total				
Under 18	750	768	736	789
All ages (e)	7,333	7,066	6,960	7,212

(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	Males	4	Females	127
Other workers	Males	639	Females	430

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

(c) Average for the year.

(d) In week ended September 22, 1951, September 24, 1949, and September 25, 1948.

(e) Working proprietors. In addition working proprietors, shown in Table 13 (iv) below, were engaged in this trade in larger establishments.

(iv) Working proprietors

	United Kingdom		Great Britain	
	1951	1949	1949	1948
Males	22	23	20	15
Females	-	1	1	1
Total	22	24	21	16

Average employment

Larger establishments (a)

	United Kingdom		Great Britain	
	1951	1949	1949	1948
	Operatives	5,031	4,877	4,806
Administrative, technical and clerical employees	2,238	2,254	2,224	2,424(b)
Total	7,269	7,131	7,030	7,212

(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.

Outworkers. No outworkers were recorded in this trade.

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	-	-	-
Other shift systems	180	1,980	1
Total	180	1,980	(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	90	1	4,984	344	36
Percentage of total in trade	100.0	1.1	100.0	6.9	0.7
Percentage of total on returns showing shift-work				100.0	10.5

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

Larger establishments

	United Kingdom		Great Britain	
	1951	1949	1949	1948
	Wages and salaries (a) of			
Operatives	1,364	1,141	1,129	1,076
Administrative, technical and clerical employees	1,098	1,059	1,049	992
Total	2,462	2,200	2,178	2,068
Employers' contributions to all National Insurance Schemes	70	65	64	53

(a) Including bonus and commission payments.

Outworkers. No outworkers were recorded in this trade.

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	282	192	190	128
Second-hand	1	1	1	18
Vehicles				
New	57	45	45	33
Second-hand	25	14	9	5
Total acquisitions	364	252	245	184
Disposals				
Plant and machinery	8	6	6	6
Vehicles	9	7	7	8
Total disposals	16	13	13	14
New building work				
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	150	37	37	26

DISTRIBUTIVE TRADES COUNTRY TABLES
TEA BLENDING AND COFFEE ROASTING TRADES
1951

Summary

Larger establishments

TABLE 18

	England	Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	59,558	-	3,000	62,558	566	63,125
Customs and Excise drawback receivable in respect of						
Tea	9	-	1	10	-	10
Coffee	20	-	-	20	-	20
Cost of materials and fuel used	53,264	-	2,688	55,952	480	56,432
Payment for work done on materials given out	135	-	2	137	-	137
Transport payments	544	-	55	599	16	615
Net output	5,645	-	256	5,901	70	5,971
Wages and salaries of persons employed	2,326	-	111	2,437	25	2,462
Average number of persons employed (a)	No. 6,800	No. -	No. 385	No. 7,185	No. 106	No. 7,291
Net output per person employed (a)	£ 830	£ -	£ 665	£ 821	£ 665	£ 819
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	4,122	-	143	4,265	49	4,314
Materials and fuel	9,250	-	500	9,750	11	9,761
Number of establishments	No. 91	No. -	No. 13	No. 104	No. 4	No. 108

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)	58,013	-	2,978	60,990	570	61,560
Changes in stocks and work in progress (see Table 21)	+ 1,545	-	+ 23	+ 1,568	- 4	+ 1,565
Gross output (production)	59,558	-	3,000	62,558	566	63,125
Materials and fuel used by firms in this trade						
Purchases	57,415	-	3,026	60,442	481	60,923
Changes in stocks (see Table 21)	- 4,152	-	- 338	- 4,490	- 1	- 4,491
Materials and fuel used	53,264	-	2,688	55,952	480	56,432

(a) Including working proprietors.

Summary

Small firms in Great Britain (a)

TABLE 19

	England (b)	Wales (b)	Scotland	Great Britain
Number of returns	162	..	15	177
Average number of persons employed (c)				
Males	474	-	45	519
Females	283	..	41	324
Total	757	..	86	843

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

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

(c) 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										
Tea blended										
Sold in bulk										
For export	..	(a)	..	(a)	18	369	-	-	18	369
Other	388	6,465	13	237	402	6,702	14	263	416	6,965
Pre-packed for retail sale										
For export	49	1,304	-	-	49	1,304	-	-	49	1,304
Other	2,600	42,740	155	2,612	2,756	45,352	16	307	2,772	45,659
Coffee roasted	248	5,161	3	51	251	5,212	-	-	251	5,212
Other principal products including waste products	..	(a)	..	(a)	..	149	-	-	..	149
Work done for the trade or on commission (b)		91		-		91		-		91
Total principal products		56,241		2,937		59,179		570		59,749
Other output										
Firewood, sawdust and other waste timber	..	(a)	..	(a)	..	124	-	-	..	124
Other goods	..	(a)	..	(a)	..	1,688	-	-	..	1,688
Total		58,013		2,978		60,990		570		61,560

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

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

Larger establishments

£'000

TABLE 21

		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Products on hand for sale	{ at beginning of year	(a)	(a)	2,149	52	2,202
	{ at end of year	(a)	(a)	3,417	49	3,466
Work in progress	{ at beginning of year	(a)	(a)	548	-	548
	{ at end of year	(a)	(a)	849	-	849
Total products on hand for sale and work in progress	{ at beginning of year	2,577	120	2,697	52	2,750
	{ at end of year	4,122	143	4,265	49	4,314
Materials and fuel	{ at beginning of year	5,099	161	5,260	10	5,270
	{ at end of year	9,250	500	9,750	11	9,761

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

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	132	7	139	1	140
	All ages	2,405	117	2,522	27	2,549
Females	Under 18	334	25	359	26	385
	All ages	2,316	146	2,462	41	2,503
Total	Under 18	466	32	498	27	525
	All ages	4,721	263	4,984	68	5,052

(ii) Administrative, technical and clerical employees

Number

		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males	Under 18	65	3	68	2	70
	All ages	1,192	77	1,269	20	1,289
Females	Under 18	145	6	151	4	155
	All ages	924	52	976	16	992
Total	Under 18	210	9	219	6	225
	All ages (c)	2,116	129	2,245	36	2,281

TABLE 22 (contd.)

(iii) Total employees

Number

		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males	Under 18	197	10	207	3	210
	All ages	3,597	194	3,791	47	3,838
Females	Under 18	479	31	510	30	540
	All ages	3,240	198	3,438	57	3,495
Total	Under 18	676	41	717	33	750
	All ages (c)	6,837	392	7,229	104	7,333

(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 merchanting 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	Under 18	12	5	17	5	22
	All ages	-	-	-	-	-
Total		12	5	17	5	22

(v) Excluded employees

Number

		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Canteen workers	Males	4	-	4	-	4
	Females	126	1	127	-	127
Total		130	1	131	-	131
Other workers	Males	639	-	639	-	639
	Females	430	-	430	-	430
Total		1,069	-	1,069	-	1,069
Total excluded employees		1,199	1	1,200	-	1,200

Average employment

Larger establishments (a)

TABLE 23

Number

		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Operatives	Administrative, technical and clerical employees	4,713	253	4,966	65	5,031
	Total	2,075	127	2,202	36	2,238
Total		6,788	380	7,168	101	7,269

(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

£'000

TABLE 24

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Wages and salaries (a) of					
Operatives	1,294	58	1,352	12	1,364
Administrative, technical and clerical employees	1,032	53	1,085	13	1,098
Total	2,326	111	2,437	25	2,462
Employers' contributions to all National Insurance Schemes	65	4	69	1	70

(a) Including bonus and commission payments.

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

Larger establishments

£'000

TABLE 25

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Plant, machinery and vehicles					
Acquisitions					
Plant and machinery					
New	280	1	280	1	282
Second-hand	-	-	1	-	1
Vehicles					
New	53	1	54	2	57
Second-hand	25	-	25	-	25
Total acquisitions	358	2	360	4	364
Disposals					
Plant and machinery					
Vehicles	7	-	7	-	8
	9	-	9	-	9
Total disposals	16	-	16	-	16
New building work					
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	149	-	150	-	150

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

Larger establishments

£'000

TABLE 26

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Amounts paid to other firms and undertakings	523	52	575	16	591
Amount paid or credited to firms' own separate transport organisations	21	3	24	-	24
Total	544	55	599	16	615

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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