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BOARD OF TRADE

# THE REPORT on the CENSUS OF PRODUCTION FOR 1951

Volume 9

Trade E



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

1954

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FINAL REPORT ON THE CENSUS OF PRODUCTION FOR 1948 VOLUME 9 - TRADE E - STARCH

Corrigendum

LONDON : HIS MAJESTY'S STATIONERY OFFICE

Board of Trade. November, 1951

Page 9/E/14. Table 24, footnote (b). FOR underhand, READ individual.

\* Not applicable to this trade

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### STARCH TRADE

THIS REPORT on the Starch Trade relates to establishments engaged wholly or mainly in the manufacture of starch, cornflour, dextrine and laundry blue.

This trade corresponds to minimum list heading 162(5) in the Standard Industrial Classification.

The large quantities of maize starch and by-products produced by this trade in post-war years for the Ministry of Food appear in the report as amounts charged for work done and not at selling values; the corresponding amounts of materials supplied by the Ministry of Food are, therefore, excluded.

There were no larger establishments in Northern Ireland in the register for this trade.

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. 9/E/2

### FOOD, DRINK AND TOBACCO

STARCH TRADE

Summary

### Larger establishments (a)

TABLE 1

	Great Britain					
	1951	1950	1949	1948	1937	1935
Gross output (production) (b)	£°000 6,796	£'000 5,229	£'000 4,535	£°000 3,762	£'000 1,502	£'000 1,219
Cost of materials and fuel used (c)	4,300	3,369	2,876	2,339	815	6 2 1
Payment for work done on materials given out Transport payments (d)	17 190	4	۲ <u>۱</u>	-		-
Net output Wages and salaries of persons employed	2.288 1.002	1.856 938	1.658 840	1,423 836	687 ••	598 ••
Average number of persons employed (e)	No. 2,576	No. 2,712	No. 2.525	No. 2,543	No. 1,978	No. 1.778
Net output per person employed (e)	£ 888	£ 684	£ 6 57	£ 56 0	£ 347	£ 336
	£'000	£'000	£.000	£'000	£,000	£.000
Stocks at end of year				Contract Contract	i fil soit pan	200
Products on hand for sale and work in progress Materials and fuel	501 813	324 483	260 457	<b>2</b> 25 408	aprost inde	 
Number of establishments	No. 19	No. 19	No. 19	No. 19	No.	No. 13

The values of gross output and of ma	terials and	fuel used are	derived in	the following	ng way:-	
	£.000	£,000	£, 000	£'000	£,000	£,000
Output of firms in this trade (f) Principal products (g) Other output (h)	5,394 1,213	5,274	4.597 {	3.443 426	1.203 299	1.037 182
Changes in stocks and work ih progress (i)	+ 189	+ 68	+ 38	- 7	million estil	
	6,796	5,342	4,635	3,863	1.502	1,219
Less payment for transport outwards (d)		113	101	101	\$ 1,502	1,410
Gross output (production)	6.796	5,229	4,535	3.762	1,502	1,219
Materials and fuel used by						
firms in this trade Purchases Changes in stocks (i)	4.633 - 332	3,387 - 18	2.929 - 53	2.364 - 25	815	621
Materials and fuel used	4,300	3,369	2.876	2,339	815	621

(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

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 numbers 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.

			Sma	all firms (	a)			
TABLE 2	an ti ch a chine	all and the second s		an town i The	248	The second		
			1 by the lower of	markerstraff. F.	Grea	t Britain	a far an	and provide the
and the second	t to	Lane -	1	951	1950	194	9	1948
Number of return	15		and a second of	12	12	9	Star I and	9
Average number o	of persons emplo	oyed (b)						in the second
Males Females				65 19	<b>5</b> 9 13	47 9	1 2	44
Total				84	72	56		· 16 60
(a) Small firms (b) Including wo	(employing on to orking proprieto	the average ors.	ten or fewe	r persons) t	hat made sati	the standard and the	ALL STREET	
		Es	timated ave	erage emplo	oyment (a)			
			A11	firms				
TABLE 3								Num
TABLE 3	124	itärrän			AND PLAN THROUGH AND		ALIMAT.	Num
TABLE 3	TRE Collers	ittiin the minimum tratem			G	Great Britain	11	
	129, Aber	9713 172713 21 773713 21 77382 290 29 29 20 20 20 20			AND PLAN THROUGH AND	Great Britain	n 1949	Num1
Ås returned by f		thon ten p	e näiteelle ni ceest i tyde ees di	1951	0 1950	Great Britain	1949	1948
As returned by f Employing on t	'irms he average more he average ten	e than ten po or fewer pe	ersons (b)		G	Great Britain	11	Numl 1948 2, 543 60
As returned by f Employing on t Employing on t	he average more he average ten	or fewer pe	ersons (b) rsons (c)	1951	2,712	Great Britain	1949	1948 2.543
As returned by f Employing on t Employing on t	he average more he average ten e employment in	or fewer pe	ersons (b) rsons (c)	1951 2.576 84	C 1950 2.712 72	Great Britain	1949 , 525 56	1948 2, 543 60
As returned by f Employing on t Employing on t Estimated averag satisfactory re	he average more he average ten e employment in turns	or fewer pe	ersons (b) rsons (c)	1951 2.576 84	C 1950 2.712 72	Great Britain	1949 , 525 56 , 581 -	1948 2,543 60 2,603 13
As returned by f Employing on t Employing on t Estimated averag satisfactory re Estimated averag (a) Including wo	he average more he average ten e employment in turns e employment in rking proprieto	or fewer pe firms not i all firms	ersons (b) rsons (c)	1951 2.576 84 2.660 -	2.712 72 2.784 -	Great Britain	1949 , 525 56	1948 2,543 60 2,603
Employing on t Estimated averag	he average more he average ten e employment in turns e employment in rking proprieto 3(iv) and 14.	or fewer pe firms not i all firms	ersons (b) rsons (c)	1951 2.576 84 2.660 -	2.712 72 2.784 -	Great Britain	1949 , 525 56 , 581 -	1948 2,543 60 2,603 13
As returned by f Employing on t Employing on t Estimated averag satisfactory re Estimated averag (a) Including wo (b) See Tables 1	he average more he average ten e employment in turns e employment in rking proprieto 3(iv) and 14.	or fewer pe firms not i all firms	ersons (b) rsons (c)	1951 2.576 84 2.660 -	2.712 72 2.784 -	Great Britain	1949 , 525 56 , 581 -	1948 2,543 60 2,603 13
As returned by f Employing on t Employing on t Estimated averag satisfactory re Estimated averag (a) Including wo (b) See Tables 1	he average more he average ten e employment in turns e employment in rking proprieto 3(iv) and 14.	or fewer pe firms not i all firms	ersons (b) rsons (c) making	1951 2.576 84 2.660 - 2.660	2.712 72 2.784 - 2.784	Great Britain	1949 , 525 56 , 581 -	1948 2,543 60 2,603 13
As returned by f Employing on t Employing on t Estimated averag satisfactory re Estimated averag (a) Including wo (b) See Tables 1	he average more he average ten e employment in turns e employment in rking proprieto 3(iv) and 14.	or fewer pe firms not n all firms rs.	ersons (b) rsons (c) making Analysis	1951 2.576 84 2.660 - 2.660	0 1950 2,712 72 2,784 - 2,784 951	Great Britain	1949 , 525 56 , 581 -	1948 2,543 60 2,603 13
As returned by f Employing on t Employing on t Estimated averag satisfactory re Estimated averag (a) Including wo (b) See Tables 1 (c) See Table 2.	he average more he average ten e employment in turns e employment in rking proprieto 3(iv) and 14.	or fewer pe firms not n all firms rs.	ersons (b) rsons (c) making	1951 2.576 84 2.660 - 2.660	0 1950 2,712 72 2,784 - 2,784 951	Great Britain	1949 , 525 56 , 581 -	1948 2,543 60 2,603 13
As returned by f Employing on t Employing on t Estimated averag satisfactory re Estimated averag (a) Including wo (b) See Tables 1 (c) See Table 2.	he average more he average ten e employment in turns e employment in rking proprieto 3(iv) and 14.	or fewer pe firms not n all firms rs. Larger e	ersons (b) rsons (c) making Analysis	1951 2.576 84 2.660 - 2.660	951 at Britain	Great Britain	1949 , 525 , 581 - , 581	1948 2,543 60 2,603 13 2,616
As returned by f Employing on t Employing on t Estimated averag satisfactory re Estimated averag (a) Including wo (b) See Tables 1 (c) See Table 2.	he average more he average ten e employment in turns e employment in rking proprieto 3(iv) and 14.	or fewer pe firms not n all firms rs.	ersons (b) rsons (c) making Analysis	1951 2.576 84 2.660 - 2.660	951 at Britain	Great Britain	1949 , 525 , 581 - , 581	1948 2,543 60 2,603 13 2,616
As returned by f Employing on t Employing on t Estimated averag satisfactory re Estimated averag (a) Including wo (b) See Tables 1 (c) See Tables 2. ABLE 4 Average number employed	he average more he average ten e employment in turns e employment in rking proprieto 3(iv) and 14. Establish- ments No.	or fewer per firms not r all firms rs. Larger e Gross output £'000	ersons (b) rsons (c) making Analysis establishme Net	1951 2.576 84 2.660 - 2.660 by size, 1 ents in Gre	951 1951 2.712 72 2.784 - 2.784	Great Britain       0       2       2       2       4       4       4       5       4       6       6	1949 , 525 56 , 581 - , 581 To tα1	1948 2.543 60 2.603 13 2.616 Net out per per employ
As returned by f Employing on t Employing on t Estimated averag satisfactory re Estimated averag (a) Including wo (b) See Tables 1 (c) See Table 2. ABLE 4 Average number employed 11 - 24	he average more he average ten e employment in rking proprieto 3(iv) and 14. Establish- ments No. 3	or fewer per firms not r all firms rs. Larger e Gross output £'000 386	ersons (b) rsons (c) making Analysis establishme Net output £'000 54	1951         2.576         84         2.660         -         2.660         by size, 1         ents in Gre         Persons         employed         No.         62	951 Operatives £'000 1950 2.712 72 2.784 - 2.784 - 1950	Breat Britain       0     1       2     2       4     2       4     2       4     2       4     2       4     2       4     2       4     2       4     2       4     2       4     2       4     2       4     2       4     2       4     2       4     2       5     000       9     9	1949 , 525 , 581 - , 581 To tal £'000 25	1948 2,543 60 2,603 13 2,616 Net out per per employ £ 879
As returned by f Employing on t Employing on t Estimated averag satisfactory re Estimated averag (a) Including wo (b) See Tables 1 (c) See Tables 2. ABLE 4 Average number employed	he average more he average ten e employment in turns e employment in rking proprieto 3(iv) and 14. Establish- ments No.	or fewer per firms not r all firms rs. Larger e Gross output £'000	ersons (b) rsons (c) making Analysis establishme Net output £'000	1951         2.576         84         2.660         -         2.660         by size, 1         ents in Gre         Persons         employed         No.	951 at Britain 0peratives £'000	Remuneration Other employees (a) £*000	1949 , 525 56 , 581 - , 581 To ta 1 £*000	1948 2,543 60 2,603 13 2,616 Net out per per employ £

(a) Administrative, technical and clerical employees.

9/E/3

### FOOD, DRINK AND TOBACCO

### Analysis by standard region, 1951

### Larger establishments in Great Britain

TABLE 5			(18) 2	MARIAN SIN	41.92				
			Net output			R	Net output		
Region	Estab- lish- ments	Gross output	Value	Percent- age of total	Persons employed	Operatives	Other employees (a)	Total	per person employed
England and Scotland	No.	£,000	£.000		No.	£*000	£,000	£.000	£
East and West Ridings; Eastern; and	10								Mates Frankes
London and South Eastern	7	2,151	736	32.2	880	196	148	344	836
North Western; and Scotland Northern; North Midland; Southern;	12	4,645	1.552	67.8	1.696	513	145	6 58	915
South Western; and Midland	-	-	10-21	- 0	- 11	- 22	M	- 190	03603-
Total England and Scotland	19	6,796	2,288	100.0	2.576	709	293	1,002	888
Wales	-	-	-	-	-	-	-	-	-
Great Britain	19	6,796	2,288	100.0	2.576	709	293	1.002	888

(a) Administrative, technical and clerical employees.

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

Larger establishments in Great Britain

No specialisation within this trade was distinguished.

TABLE 7 - Total make of intermediate products: Larger establishments in Great Britain

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 in Great Britain

### TABLE 8

	1951			1948	
	Quantity	Value	Entries	Quan ti ty	Value
AND THE OWNER OF THE	Th.cwts.	£,000	No.	Th.cwts.	£'000
Starch Maize starch Rice starch Other kinds, not elsewhere specified	281.2 80.7 53.6	1,231 510 170	9 6 7	114.6 68.0 108.0	57 2 329 351
Dextrine (including soluble starch, thin boiling starch and 'British gum') and starch wholly or partly dextrinised or gelatinised	7 53.6	2,678	11	527.7	1,579
Laundry blue	55.5	521	7	64.8	503
Waste products Work done for the trade or on commission (a) Maize starch manufactured for the Ministry of Food Other	 983.7	11 812 87	5	 897.7	8 633 36
Total		6,020	in the second	abat entro	4,012
Sales in other trades (see Table 9)		626	••		568
Principal products of this trade sold by establishments in the trade		5,394	17		3,443

(a) Amount charged.

	Sales of principal pr class
	Larger esta
TABLE 9	
Tendestry	
Starch of all kinds not except rice starch	elsewhere specified.
Dextrine (including solution boiling starch and 'Br. starch wholly or partly gelotinised; and laun	itish gum') and y dextrinised or dry blue
Work done for the trade	or on commission
Total	145
(a) Amount charged.	
	Sales in the trad
	Larger esta
TABLE 10	au Ber esta
The second se	and the second
	the second s
Preserved foods	
Adhesives	
Dyes and dye intermedia	ites
Other goods Work done	
Total	
	-
(a) Amount charged.	
45L.R 1	158.1
Pro	duction, exports and in
TABLE 11	
ett.s Ate.s	1.120 C
Starch	and the state of the set of the set
Maize starch	and the second of the second sec
Other sorts	
Dextrine (including so boiling starch and 'Br starch wholly or part gelatinised	ritish mm <sup>*</sup> ) and
Laundry blue	-dealer
(g) Figures of produc	

### oducts of the trade by establishments ified to other trades

olishments in Great Britain

	1951	19	48	
Quan ti ty	Value	Entries	Quantity	Value
Th.cwts.	£,000	'No .	Th.cwts.	£'000
72.2	128	6	104.0	298
135.3	498	5	74.2	269 1(α)
	626			568

of other than principal products lishments in Great Britain

19	51	1948			
Quantity	Value	Quantity	Value		
Th.cwts. 114.3	£'000 577	<sup>°</sup> Th.cwts. 46.0	£°000 233		
68.7	223	12.8	52		
7.4	82	6.9	67		
	331	•••	59		
		The second second second	16 (a)		
	1,213		426		

### mports of certain principal products (a)

	Production (b)(c)	Exports	Retained imports
1951 1948 1937	Th.cwts. 1,264.9 (d) 1,012.2 (d) 495.5	Th.cwts. 24.9 (e) 25.1 48.1	Th.cwts. 1.836.6 (e) 1.130.9 1.899.2
1951	134.3	11.4	2.478.2
1948	176.0	6.6	1.087.9
1937	275.8	18.2	3.596.8
1951	753.6	52.0	159.3
1948	527.7	36.5	241.8
1937	277.2	13.9	445.5
1951	55.5	45.9	
1948	64.8	48.8	
1937	133.0	49.3	

igures of production (or sales) refer only to larger establishments. All recorded exports from and imports into the United Kingdom are given in the table. The figures therefore, are not strictly

(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 production for the Ministry of Food.
(e) Excluding packeted cornflour.

### FOOD, DRINK AND TOBACCO

### TABLE 12 - Usage of certain specified purchased materials, 1951

### Larger establishments in Great Britain

The total quantity of purchased starch used in 1951 was recorded as 910,400 cwts.

### Employment in September

TABLE 13

Larger establishments (a)

			Great E	Britain		-
	1951(Ъ)	1950(b)	1949(b)	1948(c)	1937 (c)	1935(c)
Males Under 18 All ages	4 1,336	28 1,326	9 1,218	9 1,264	36 1,032	9 911
Females Under 18 All ages	115 708	183 852	187 835	133 680	75 529	65 523
Total Under 18	119	211	196	142	111	74
All ages	2,044	2,178	2,053	1,944	1,561	1,434

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

		Great Britain						
	1951	1950	1949	1948	1937	1935		
Males		17	14	4	24	7		
Under 18 All ages	16 365	406	14 367	371	315	263		
Females	41	50	38	36	17	6		
Under 18 All ages	222	245	209	36 226	102	81		
Total Under 18 All ages	57 587 (e)	67 651(e)	52 576 (e)	40 597 (e)	41 417	13 344		

		Great Britain				
	1951	1950	1949	1948	1937	1935
Males Under 18 All ages	20 1.701	45 1.732	23 1,585	13 1,635	60 1,347	16 1,174
Females Under 18 All ages	156 930	233 1,097	225 1,044	169 906	92 631	71 604
Total Under 18 All ages	176 2,631(e)	278 2,829(e)	248 2,629(e)	182 2,541(e)	152 1,978	87 1,778

(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 (e.g., employees engaged in merchanting) :-

cronun un gr .				
anteen workers	-	Males	31	Female
ther markers	43	Males	10	Female

Othe	I WAIVEID			
(1) To make and ad Santombor 22	1951 Sentember	30.	1950, and	September 24, 1949.

C

(b) In week ended September 22, 1951, September 30, 1950, September 24, 1949, September 25, 1948,
(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

	C. S. Marson	Great	Bri tain	
	1951	1950	1949	1948
Males Females	2 -	2 -	2	2 -
To tal	2	2	2	2

Number

the state of the second st			Great	Bri tain		
	1951	1950	1949	1948	1937	1935
Operatives Administrative, technical and	2,001	2,069	1,957	1,944	1.561	1.434
clerical employees	57 3	641	566	597 (b)	417 (b)	344(ь)
To tal	2.574	2,710	2,523	2,541	1,978	1.778

(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.

Larger establishments in Great Britain

TABLE 15

Number

	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	3,050	24,400	8
averaging 6 hours per shift 11 2 shift systems )ther shift systems	435	5.001	3
To tal	3,485	29,401	(Ъ)

to be value, and many also and you	Re	turns		Operatives	
estatete marilitates fersionilitate	Total in trade	Showing shift-work	Total in trade	Total on returns showing shift-work	Number employed on shift work
Number Percentage of total in træde Percentage of total on returns showing shift-work	17 100.0	11 64.7	2.044 100.0	1.444 70.6 100.0	608 29.7 42.1

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



## Wages and salaries (a) of Operatives Administrative, technical and clerical employees Total Employers' contributions to all National Insurance Schemes

(a) Including bonus and commission payments.

(15943)

9/E/6

### STARCH

### Average employment

Larger establishments (a)

9/E/7

### Shift working, 1951 (a)

(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:-

Larger establishments

£'000

Great Britain				
1951	1950	1949	1948	
709	635	569	551	
293	303	271	286	
. 00 2	938	840	836	
26	26	24	19	

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

TABLE 17	and the second s	G <b>re</b> at Britain	and the second sec
	1951	1949	1948
Plant, machinery and vehicles Acquisitions			Lation .
Plant and machinery New Second-hand	76 5	• 75 8	73 1
Vehicles New Second-hand	19 2	11	7 2
Total acquisitions	101	95	84
Disposals Plant and machinery Vehicles	1 2	1 2	2 4
Total disposals	3	3	6
New building work Capital expenditure on new building and other	0		
constructional work of a capital nature (excluding site values and development charges)	59	37	42

### COUNTRY TABLES

### 1951

Note. - There were no larger establishments in Wales in the register for this trade and, owing to the risk of disclosure of information relating to individual firms, separate particulars for Scotland cannot be given.

TABLE 18 - Summary: Larger establishments

See Table 1.

### TABLE 19 - Summary: Small firms

See Table 2. There were no small firms (employing on the average ten or fewer persons) in Wales or Scotland in the register for this trade.

Principal products Starch Rice starch Other kinds, not elsewhere specified (including maize starch) Dextrine (including soluble starch, thin boiling starch and 'British gum') and starch wholly or partly dextrinised or gelatinised; and laundry blue Waste products Work done for the trade or on commission (c) Maize starch manufactured for the Ministry of Food Other Total principal products Other output Preserved foods Adhesives Dyes and dye intermediates Other goods Total

(a) There were no larger establishments in Wales in the register for this trade. (b) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given. (c) Amount charged.

Stocks of products on hand for sale and work in progress, TABLE 21 {at beginning a at end of year Products on hand for sale at beginning o at end of year Work in progress Total products on hand for sale fat beginning o and work in progress at end of year {at beginning o at end of year Materials and fuel

(a) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given. There were no larger establishments in Wales in the register for this trade.

9/E/8

### Sales in the trade Larger establishments

and and	England ar	nd Wales (a)	Sco	tland	Great	Bri tain
	Quan ti ty	Value	Quantity	Value	Quantity	Value
	Th.cwts.	£'000		£°000	Th.cwts.	£'000
				The second second		
-	ן			ſ	80.7	510
	1				262.5	1,272
	· · ·	(ь)	••	(Ъ)		
-	J			l l	673.7	2.701
		11	-	-		11
	)					
-	}	(Ъ)	••	(ь) {	983.7	812 87
	•••	(ь)	••	(ь)		5,394
		(ь)		(ь) {	114.3	577
	7.4	82	_	- 4	68.7 7.4	223 82
L	•••	(ь)		(b)		82 331
		(Ъ)		(b)		6,607

### and stocks of materials and fuel Larger establishments

£'000

	England and Wales (a)	Scotland (a)	Great Britain
of year r	::		235
of year r	 		76
of year r	••		311 501
of year r	••		481 813

9/E/10

TABLE 22- Employment in September: Larger establishments See Table 13.

TABLE 23 - Average employment: Larger establishments See Table 14.

TABLE 24 - Wages and salaries and employers' National Insurance contributions paid during the year: Larger establishments

See Table 16.

TABLE 25 - Plant, machinery and vehicles - acquisitions and disposals, and capital expenditure on new building work: Larger establishments

See Table 17.

TABLE 26 - Payments for transport services for finished goods sold and materials and fuel purchased: Larger establishments

See Table 1.

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The following brief notes refer to Great Britain their own work people included in the return; and and, unless otherwise stated, to the census of producconsumable tools and parts for machinery purchased as tion for 1951. Reference should be made to the sepreplacement. Materials, components, etc. which were arate booklet in this series entitled 'The Report on 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 Census of Production for 1951: Introductory Notes' (price 1s.6d. net) for particulars of the minor differences in the Northern Ireland censuses the quantities of certain purchased materials used. and other details about the census of production. Stocks and work in progress: Firms were instructed Trade classification; Establishments are classified to to give these at income tax value.

trades according to the nature of their output. Certain products, called principal products, are identified as Output: Sales means sales during the year of goods characteristic of the production of individual trades, made in the establishment covered by the return or made on commission for it, whether produced in the the principal products for a given trade being of a year or not. For all post-war censuses the value of sales was the net selling value, that is, the similar nature or commonly associated in production. An establishment is classified to a trade if its output of amount charged to customers, whether on an exprincipal products of that trade accounted for a greaworks or delivered basis, and net of any trade ter proportion of the value of its output than did its discounts, agents' commissions, allowances for reoutput of principal products of any other trade. turnable cases, purchase tax, etc. For goods charged The establishment: The basic unit for the collection on a delivered basis to customers overseas, firms were required to give the f.o.b. value.

of information is generally the establishment which in most cases comprises the whole of the premises Gross output of a trade is the total value of goods under the same ownership or management at a particular address (e.g., a factory). Offices, ware-houses and other ancillary places of business sitmade and other work done during the year; this means the value of sales and work done during the uated apart from the producing works are included year adjusted for changes in the values of stocks. in the return for the works.

Net output is the amount left after deducting from the Larger establishments and small firms: Larger estabvalue of gross output the aggregate of the cost of lishments are those which employed more than 10 permaterials and fuel used and the amount paid for work given out and, for 1951, any transport payments included in firms' returns. This represents the sons on the average during the year; small firms are those employing on the average 10 or fewer persons. value added to materials by the process of production. Working proprietors are proprietors of businesses 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 receiving fixed wages or salaries. Any persons work-

other than limited companies, and include members of their families who work in the business without met as well as depreciation and profits. ing less than half the normal hours are excluded.

Customs and Excise Duty paid on materials purchased Persons employed: Administrative employees include is included in the cost of materials, but where it directors other than those paid by fee only, managers, superintendents and works foremen; research, experiis especially important separate figures are shown. Later reports: Reports will be published later mental, development, technical and design employees summarising the main census results and giving in-(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 formation about power equipment and fuel consumption. Disclosure of information: The report has been prepared in conformity with the disclosure provisions workers.

of the Statistics of Trade Act, 1947. Figures have All these figures exclude canteen employees and been combined with others of a similar nature in certain cases where publication of separate details persons engaged in merchanting or any other activity might disclose the operations of an individual firm. not covered by a firm's return who are shown separa-tely as excluded employees. Symbols used: '..' for 'Not available', '-' for 'Nil

or negligible (less than half the final digit shown)' 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-The figures in the tables have been rounded off to the nearest final digit, and there may be an time employees. apparent slight discrepancy between the sums of the Outworkers, who are shown separately, are persons constituent items and the totals shown.

employed by the firm who work on materials supplied Tables 1 to 17 show figures for the United Kingdom by the firm, but do not work on the premises; opera-(or Great Britain). tives directly employed who work out of doors (e.g., maintenance workers) and sub-contractors are not Tables 18 to 26 are country tables and give, where practicable, separate details for England and Wales, included as outworkers. Scotland and Northern Ireland.

Wages and salaries include all overtime payments, Table 6: Specialist producers refer to those estabbonuses, and commissions, without any deduction for lishments 50 per cent. or more of whose total output by value is accounted for by the groups of products income tax, insurance, contributory pensions, etc. They exclude payments to working proprietors. specified.

Capital expenditure: Expenditure on plant, machinery Table 8 (or 8(i)) shows the total sales of principal products of the trade, and includes therefore the and vehicles relates to expenditure charged to capital account during the year of return, including transales of these products returned by establishments sport and installation costs involved. Expenditure on new building work is similarly that charged to capital account during the year. whether classified to the trade or to other trades. Those produced by establishments in other trades are shown in Table 9.

Materials and fuel: The cost of materials and fuel pur-Table 10 shows the sales by establishments in the trade of products other than those regarded as chased includes all purchases during the year of materials for use in production and of fuel (including oil, principal products of the trade. gas, and electricity for all purposes, including heating and lighting); all packing materials, including Table 20 (or 20(i)) shows sales by establishments in the full cost of returnable containers when first 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. purchased; workshop materials; office materials; water charges; materials for repairs to firms' own buildings, plant and vehicles when carried out by

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