



BOARD OF TRADE

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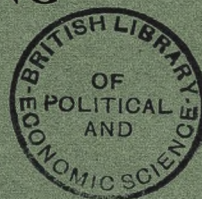
THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 10

Trade J

NEWSPAPER AND PERIODICAL
PRINTING AND PUBLISHING

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



LONDON: HER MAJESTY'S STATIONERY OFFICE

1955

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* Not applicable to this trade

NEWSPAPER AND PERIODICAL PRINTING AND PUBLISHING TRADE

THIS REPORT on the Newspaper and Periodical Printing and Publishing Trade relates to establishments engaged wholly or mainly in the printing and publishing of newspapers, magazines, trade journals, etc. It includes publishers who do not do their own printing (these firms were not, in general, required to make returns in 1935) and printers of newspapers, etc. working on commission.

This trade corresponds to minimum list heading 186 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.

PAPER AND PRINTING
NEWSPAPER AND PERIODICAL PRINTING AND PUBLISHING TRADE

Summary
Larger establishments (a)

	United Kingdom			Great Britain		United Kingdom
	1951	1950	1949	1949	1948	1935
Gross output (production) (b)	£'000 161,877	£'000 134,164	£'000 123,978	£'000 122,800	£'000 105,291	£'000 50,772
Cost of materials and fuel used (c)	47,506	36,375	30,813	30,503	22,812	12,541
Payment for work done on materials given out					7,357	423
Authors' royalties, copyright payments, payments to contributors and press agencies, and editorial, artists' and readers' fees, less payments received from authors	18,144	15,702	13,842	13,817		
Transport payments (d)	4,113	..	..	..	3,674	(e)
Net output	92,114	82,087	79,323	78,479	71,448	37,808
Wages and salaries of persons employed	48,287	43,779	40,673	40,294	35,881	..
Average number of persons employed (f)	No. 97,579	No. 96,257	No. 91,306	No. 90,077	No. 84,383	No. 79,454
Net output per person employed (f)	£ 944	£ 853	£ 867	£ 871	£ 847	£ 476
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	2,965	2,400	2,323	2,319	2,045	..
Materials and fuel	10,874	6,073	6,679	6,599	6,811	..
Number of establishments	No. 590	No. 579	No. 583	No. 563	No. 542	No. 510

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 (g)						
Principal products (h)	150,183	137,156	125,857	124,669	98,711	47,371
Other output (i)	11,135					
Changes in stocks and work in progress (j)	+ 559	+ 22	+ 332	+ 331	+ 608	
	161,877	137,178	126,189	125,000	107,076	50,772
Less payments for transport outwards (d)	..	3,014	2,211	2,201	1,785	
Gross output (production)	161,877	134,164	123,978	122,800	105,291	50,772
Materials and fuel used by firms in this trade						
Purchases	52,221	35,824	30,555	30,223	23,560	12,541
Changes in stocks (j)	- 4,715	+ 551	+ 258	+ 280	- 748	
Materials and fuel used	47,506	36,375	30,813	30,503	22,812	12,541

- (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) Not ascertained.
 (f) Excluding outworkers but including working proprietors. For an estimate of the total number of persons employed in this trade see Table 3.
 (g) Total value of sales (1951, 1950, 1949 and 1948) or production for sale (1935).
 (h) For details for 1951 and 1948 see Table 8.
 (i) For details for 1951 and 1948 see Table 10.
 (j) For details for 1951 see Table 21.

Summary
Small firms (a)

TABLE 2

	Great Britain		United Kingdom	Great Britain	
	1951	1950	1949	1949	1948
Number of returns	170	152	196	175	216
Average number of persons employed (b)					
Males	823	792	944	857	1,028
Females	264	225	457	426	337
Total	1,087	1,017	1,401	1,283	1,365

(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)

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
As returned by firms					
Employing on the average more than ten persons (b)	97,579	96,257	91,306	90,077	84,383
Employing on the average ten or fewer persons (c)	1,087(d)	1,017(d)	1,401	1,283	1,365
Estimated average employment in firms not making satisfactory returns	98,666	97,274	92,707	91,360	85,748
	265	94	37	37	207
Estimated average employment in all firms	98,931(d)	97,368(d)	92,744	91,397	85,955

- (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	160	3,340	1,913	2,886	534	521	1,055	663
25 - 49	158	6,127	4,183	5,580	1,114	1,068	2,182	750
50 - 99	94	8,199	5,420	6,560	1,370	1,304	2,674	826
100 - 199	78	15,879	9,747	10,634	2,149	2,505	4,653	917
200 - 299	32	14,419	7,887	7,814	1,931	1,634	3,565	1,009
300 - 399	17	11,162	6,041	5,763	1,331	1,396	2,726	1,048
400 - 499	7	3,940	2,375	3,089	837	576	1,413	769
500 - 749	11	8,839	5,609	6,738	1,779	1,231	3,010	832
750 - 999	11	14,528	8,307	9,469	3,239	1,584	4,823	877
1,000 - 1,499	12	29,178	14,880	14,639	3,954	4,072	8,026	1,016
1,500 - 1,999	6	20,321	13,055	10,394	3,884	2,026	5,910	1,256
2,000 and over	4	25,945	12,698	14,013	4,402	3,848	8,250	906
Total	590	161,877	92,114	97,579	26,523	21,764	48,287	944

(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	24	3,314	2,383	2.6	2,899	614	563	1,177	822
East and West Ridings	28	5,360	3,685	4.0	5,062	1,063	981	2,044	728
North Midland	38	3,426	2,490	2.7	3,107	631	611	1,242	801
Eastern	37	5,198	3,817	4.1	4,754	1,595	546	2,141	803
London and South Eastern	177	101,570	53,303	57.9	49,123	14,110	12,752	26,862	1,085
Southern	27	1,705	1,269	1.4	1,563	344	272	616	812
South Western	41	3,125	2,136	2.3	3,095	617	585	1,203	690
Midland	34	4,685	3,240	3.5	3,662	817	804	1,620	885
North Western	65	19,320	10,954	11.9	12,321	3,839	2,410	6,249	889
Total England	471	147,704	83,277	90.4	85,586	23,630	19,523	43,152	973
Wales	31	1,859	1,314	1.4	1,694	306	313	618	776
Scotland	69	10,874	6,552	7.1	9,023	2,299	1,745	4,043	726
Great Britain	571	160,437	91,144	98.9	96,303	26,234	21,580	47,814	946
Northern Ireland	19	1,440	970	1.1	1,276	289	185	474	760
United Kingdom	590	161,877	92,114	100.0	97,579	26,523	21,764	48,287	944

(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 of Newspapers	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
	442	110,755	97,188	66,676	74,226	19,811	16,690	36,501	898
Magazines and periodicals	111	46,160	39,695	21,840	18,474	5,140	4,526	9,666	1,182
Remainder of the trade	37	4,962		3,598	4,879	1,572	549	2,121	738
Total	590	161,877		92,114	97,579	26,523	21,764	48,287	944

(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
	Mill.	£'000	No.	Mill.	£'000
Newspapers, daily					
Printed and published (a)					
Quantity and selling value	9,307	39,883	110	9,010	28,791
Advertisement revenue		29,853	107		18,010
Printed for other United Kingdom commercial publishers (b)	..	578	12	..	426
Newspapers, other than daily					
Printed and published (a)					
Quantity and selling value	2,474	16,188	497	2,168	12,724
Advertisement revenue		12,919	474		9,208
Printed for other United Kingdom commercial publishers (b)	..	2,124	82	..	969
Magazines, reviews, trade journals and similar periodicals					
Printed and published (a)					
Quantity and selling value	2,419	25,190	525	1,464	13,032
Advertisement revenue		18,873	171	..	2,266
Printed for other United Kingdom commercial publishers (b)	..	14,149	446	..	10,887
Other published matter					
Printed and published (a)					
Selling value	..	258	204	..	349
Advertisement revenue		4	9		2
Printed for other United Kingdom commercial publishers (b)	..	30	23	..	18
Royalties and payments for reproduction rights, etc.		257	81		174
Total published matter					
Printed and published (a)					
Selling value		81,519	..		57,162
Advertisement revenue, and royalties and payments for reproduction rights, etc.		61,906	..		38,282
Printed for other United Kingdom commercial publishers (b)		16,881	..		10,364
Waste products sold					
Paper and board	..	2,965	931	..	1,196
Other kinds	..	184	172	..	84
Total		163,454	..		107,087
Sales in other trades (see Table 9)		13,271	..		8,376
Principal products of this trade sold by establishments in the trade		150,183	563		98,711

(a) Including sales and advertisement revenue of publishers who do not do their own printing and also the printing of published matter for overseas customers and for non-commercial United Kingdom publishers (manufacturers, learned societies, etc.) who are not covered by the Census for this trade.

(b) 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
	Mill.	£'000	No.	Mill.	£'000
Newspapers, daily					
Printed and published (a)					
Quantity and selling value	..	..	..	2	19
Advertisement revenue		..	..		..
Printed for other United Kingdom commercial publishers (b)	..	163	6	..	37
Newspapers, other than daily					
Printed and published (a)					
Quantity and selling value	..	..	..	42	285
Advertisement revenue		..	..		..
Printed for other United Kingdom commercial publishers (b)	..	1,134	46	..	297
Total newspapers					
Printed and published (a)					
Quantity and selling value	45	329	79	44	304
Advertisement revenue		541	58		424
Printed for other United Kingdom commercial publishers (b)	..	1,297	48	..	334
Magazines, reviews, trade journals and similar periodicals					
Printed and published (a)					
Quantity and selling value	210	3,028	373	47	869
Advertisement revenue		596	82	..	970
Advertisement revenue					374
Printed for other United Kingdom commercial publishers (b)	..	5,251	363	..	4,049
Other matter printed and published	-	-	-	..	15
Total published matter					
Printed and published (a)					
Selling value		3,358	..		2,158
Advertisement revenue		1,137	..		798
Printed for other United Kingdom commercial publishers (b)		6,548	..		4,383
Waste products sold					
Paper and board	..	2,228	565	..	1,037
Total		13,271	..		8,376

(a) Including sales and advertisement revenue of publishers who do not do their own printing and also the printing of published matter for overseas customers and from non-commercial United Kingdom publishers (manufacturers, learned societies, etc.) who are not covered by the Census for this trade.

(b) Amount charged.

Sales in the trade of other than principal products

Larger establishments

TABLE 10

	United Kingdom 1951	Great Britain 1948
	Value	Value
	£'000	£'000
Printed books (a)	4,872	3,433
Diaries (a)	40	34
Christmas cards, greeting cards and calendars	102	63
Other published matter (a)	374	268
Stereotyping, electrotyping and typesetting	402	143
Lithographic printing	39	36
Engraving of blocks, plates, etc.	465	357
Binding (including re-binding) machine ruling, relief stamping and other work	26	29
Manuscript books and manufactured stationery	30	51
Other goods	209	104
Work done (b)		
General and job printing	4,576	3,230
Other	-	8
Total	11,135	7,757

(a) Including advertisement revenue amounting to a total of £387,000 for 1951 and £236,000 for 1948.

(b) Amount charged.

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

This table is not applicable to the trade.

Usage of certain specified purchased materials, 1951

Larger establishments in the United Kingdom

TABLE 12

Materials used	Quantity
	Th.cwts.
Copper sheets and plates	1
Zinc	5
Type metal	32
Steel wire	3
	Th.sq.yds.
Woven cotton cloth	308

PAPER AND PRINTING

Employment in September
Larger establishments (a)

TABLE 13
(i) Operatives

	United Kingdom					Great Britain	United Kingdom
	1951(b)	1950(b)	1949(b)	1949(b)	1948(c)	1935(c)	
Males							
Under 18	2,627	2,645	2,558	2,508	2,201	2,510	
All ages	55,166	54,316	51,884	51,141	46,907	45,773	
Females							
Under 18	575	648	638	636	609	507	
All ages	4,672	4,765	4,512	4,483	3,997	3,297	
Total							
Under 18	3,202	3,293	3,196	3,144	2,810	3,017	
All ages	59,838	59,081	56,396	55,624	50,904	49,070	

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

	United Kingdom			Great Britain		United Kingdom
	1951	1950	1949	1949	1948	1935
Males						
Under 18	2,071	2,239	2,193	2,184	1,988	1,869
All ages	27,333	27,115	26,056	25,769	23,822	24,115
Females						
Under 18	1,619	1,632	1,678	1,661	1,538	964
All ages	11,148	10,870	10,593	10,468	9,597	6,269
Total						
Under 18	3,690	3,871	3,871	3,845	3,526	2,833
All ages	38,481(e)	37,985(e)	36,649(e)	36,237(e)	33,419(e)	30,384

(iii) Total employees

	United Kingdom			Great Britain		United Kingdom
	1951	1950	1949	1949	1948	1935
Males						
Under 18	4,698	4,884	4,751	4,692	4,189	4,379
All ages	82,499	81,431	77,940	76,910	70,729	69,888
Females						
Under 18	2,194	2,280	2,316	2,297	2,147	1,471
All ages	15,820	15,635	15,105	14,951	13,594	9,566
Total						
Under 18	6,892	7,164	7,067	6,989	6,336	5,850
All ages	98,319(e)	97,066(e)	93,045(e)	91,861(e)	84,323(e)	79,454

(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 or welfare workers):-

Canteen workers 39 Males 417 Females
Other workers 148 Males 149 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, 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 1935 figures include working proprietors.

(iv) Working proprietors

	United Kingdom			Great Britain		Number
	1951	1950	1949	1949	1948	
Males	69	75	79	49	54	
Females	16	16	18	7	6	
Total	85	91	97	56	60	

NEWSPAPER AND PERIODICAL PRINTING AND PUBLISHING

Average employment
Larger establishments (a)

TABLE 14

	United Kingdom					Great Britain	United Kingdom
	1951	1950	1949	1949	1948	1935	
Operatives	59,296	58,602	55,154	54,381	50,904	49,070	
Administrative, technical and clerical employees	38,198	37,564	36,055	35,640	33,419(b)	30,384(b)	
Total	97,494	96,166	91,209	90,021	84,323	79,454	

(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, and October 12, 1935. The 1935 figure includes working proprietors.

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

	United Kingdom			Great Britain		United Kingdom
	1951	1950	1949	1949	1948	1935
Males	30(c)	10	885	885	890	..
Females		22	57	57	40	..
Total	30	32	942	942	930	..

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

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

TABLE 15

	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	838	6,704	3
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	3,400	29,186	5
Other shift systems	17,016	146,513	46
Total	21,254	182,403	(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	544	54	59,031	19,065	3,940
Percentage of total in trade	100.0	9.9	100.0	32.3	6.7
Percentage of total on returns showing shift work				100.0	20.7

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	26,523	23,918	22,109	21,880	19,303
Administrative, technical and clerical employees	21,764	19,861	18,564	18,414	16,578
Total	48,287	43,779	40,673	40,294	35,881
Employers' contributions to all National Insurance Schemes	961	932	895	883	643

(a) Including bonus and commission payments, but. excluding payments to outworkers shown below.

United Kingdom		Great Britain		
1951	1950	1949	1949	1948
4	4	111	111	75

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	3,356	2,105	2,091	1,556
Second-hand	245	204	204	114
Vehicles				
New	464	376	372	184
Second-hand	122	97	97	106
Total acquisitions	4,187	2,782	2,764	1,960
Disposals				
Plant and machinery	295	135	131	124
Vehicles	133	83	82	62
Total disposals	428	218	213	186
New building work				
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	558	325	325	248

1951

Summary

Larger establishments

TABLE 18

	England	Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	147,704	1,859	10,874	160,437	1,440	161,877
Cost of materials and fuel used	43,199	429	3,442	47,070	437	47,506
Payment for work done on materials given out, authors' royalties, copyright payments, payments to contributors and press agencies, and editorial, artists' and readers' fees, less payments received from authors	17,511	77	543	18,131	13	18,144
Transport payments	3,715	38	338	4,091	21	4,113
Net output	83,277	1,314	6,552	91,144	970	92,114
Wages and salaries of persons employed	43,152	618	4,043	47,814	474	48,287
	No.	No.	No.	No.	No.	No.
Average number of persons employed (a)	85,586	1,694	9,023	96,303	1,276	97,579
	£	£	£	£	£	£
Net output per person employed (a)	973	776	726	946	760	944
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	(b)	7	(b)	2,961	4	2,965
Materials and fuel	9,864	112	756	10,732	142	10,874
	No.	No.	No.	No.	No.	No.
Number of establishments	471	31	69	571	19	590

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)	147,236	1,857	10,786	159,879	1,439	161,318
Changes in stocks and work in progress (see Table 21)	+ 468	+ 2	+ 88	+ 558	+ 1	+ 559
Gross output (production)	147,704	1,859	10,874	160,437	1,440	161,877
Materials and fuel used by firms in this trade						
Purchases	47,499	475	3,784	51,758	463	52,221
Changes in stocks (see Table 21)	- 4,300	- 46	- 342	- 4,688	- 27	- 4,715
Materials and fuel used	43,199	429	3,442	47,070	437	47,506

(a) Excluding outworkers but including working proprietors.

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

Summary

Small firms in Great Britain (a)

TABLE 19

	England	Wales	Scotland	Great Britain
Number of returns	115	15	40	170
Average number of persons employed (b)				
Males	539	84	200	823
Females	192	15	57	264
Total	731	99	257	1,087

(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
	Mill.	£'000	Mill.	£'000	Mill.	£'000	Mill.	£'000	Mill.	£'000
Principal products										
Newspapers, daily										
Printed and published (a)										
Quantity and selling value	..	(b)	..	(b)	..	..	95	446	..	(b)
Advertisement revenue		(b)		(b)		..		596		(b)
Printed for other United Kingdom commercial publishers (c)		415		-		415		-		415
Newspapers, other than daily										
Printed and published (a)										
Quantity and selling value	..	(b)	..	(b)	..	..	18	138	..	(b)
Advertisement revenue		(b)		(b)		..		152		(b)
Printed for other United Kingdom commercial publishers (c)		(b)		(b)		..		(b)		990
Total newspapers										
Printed and published (a)										
Quantity and selling value	10,555	49,903	1,067	5,254	11,622	55,157	113	584	11,736	55,742
Advertisement revenue		37,914		3,568		41,484		748		42,230
Printed for other United Kingdom commercial publishers (c)		(b)		(b)		..		(b)		1,405
Magazines, reviews, trade journals and similar periodicals										
Printed and published (a)										
Quantity and selling value	2,084	21,327	126	834	2,209	22,161	-	-	2,209	22,161
Advertisement revenue		18,086		191		18,277		-		18,277
Printed for other United Kingdom commercial publishers (c)	..	(b)	..	(b)	..	..	..	(b)	..	8,898
Other published matter										
Printed and published (a)										
Selling value	..	242	..	13	..	255	..	3	..	258
Advertisement revenue		4		-		4		-		4
Printed for other United Kingdom commercial publishers (c)	..	(b)	..	(b)	..	30	-	-	..	30
Royalties and payments for reproduction rights, etc.		(b)		(b)		257		-		257

Waste products sold										
Paper and board	..	682	..	54	..	736	-	-	..	736
Other kinds	..	158	..	26	..	183	-	-	..	184
Total principal products		138,780		10,054		148,833		1,350		150,183
Other output										
Printed books	..	(b)	..	238	..	..	..	(b)	..	4,872(d)
Diaries	..	40	-	-	..	40	-	-	..	40(d)
Christmas cards, greeting cards and calendars	..	(b)	..	(b)	..	102	-	-	..	102
Other published matter	..	(b)	..	(b)	..	374	-	-	..	374(d)
Stereotyping, electrotyping and typesetting	..	402	-	-	..	402	-	-	..	402
Lithographic printing	..	(b)	..	(b)	..	39	-	-	..	39
Engraving of blocks, plates, etc.	..	(b)	..	14	..	..	..	(b)	..	465
Binding (including re-binding), machine ruling, relief stamping and other work	..	(b)	..	(b)	..	26	-	-	..	26
Manuscript books and manufactured stationery	..	30	-	-	..	30	-	-	..	30
Other goods	..	209	-	-	..	209	-	-	..	209
Work done										
General and job printing (c)		4,088		407		4,495		81		4,576
Total		149,092		10,786		159,879		1,439		161,318

(a) Including sales and advertisement revenue of publishers who do not do their own printing and also the printing of published matter for overseas customers and for non-commercial United Kingdom publishers (manufacturers, learned societies, etc.) who are not covered by the Census for this trade.

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

(c) Amount charged.

(d) Including advertisement revenue amounting in total to £387,000 for printed books, diaries and other published matter.

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

Larger establishments

		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Products on hand for sale	{ at beginning of year	(a)	(a)	1,339	2	1,340
	{ at end of year			1,590	3	1,593
Work in progress	{ at beginning of year	1,028	37	1,064	1	1,066
	{ at end of year	1,329	42	1,371	2	1,372
Total products on hand for sale and work in progress	{ at beginning of year	(a)	(a)	2,403	3	2,406
	{ at end of year			2,961	4	2,965
Materials and fuel	{ at beginning of year	5,630	414	6,044	115	6,159
	{ at end of year	9,976	756	10,732	142	10,874

(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)

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	2,263	299	2,562	65	2,627
All ages	49,373	5,022	54,395	771	55,166
Females					
Under 18	489	82	571	4	575
All ages	4,291	345	4,636	36	4,672
Total					
Under 18	2,752	381	3,133	69	3,202
All ages	53,664	5,367	59,031	807	59,838

(ii) Administrative, technical and clerical employees

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	1,816	239	2,055	16	2,071
All ages	24,459	2,577	27,036	297	27,333
Females					
Under 18	1,376	221	1,597	22	1,619
All ages	9,862	1,149	11,011	137	11,148
Total					
Under 18	3,192	460	3,652	38	3,690
All ages (c)	34,321	3,726	38,047	434	38,481

TABLE 22 (contd.)

(iii) Total employees

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	4,079	538	4,617	81	4,698
All ages	73,832	7,599	81,431	1,068	82,499
Females					
Under 18	1,865	303	2,168	26	2,194
All ages	14,153	1,494	15,647	173	15,820
Total					
Under 18	5,944	841	6,785	107	6,892
All ages (c)	87,985	9,093	97,078	1,241	98,319

(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

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males	30 (d)	15 (d)	40	29	69
Females			5	11	16
Total	30	15	45	40	85

(v) Excluded employees

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Canteen workers					
Males	39	-	39	-	39
Females	386	27	413	4	417
Total	425	27	452	4	456
Other workers					
Males	253 (d)	44 (d)	148	-	148
Females			149	-	149
Total	253	44	297	-	297
Total excluded employees	678	71	749	4	753

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

Average employment

Larger establishments (a)

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Operatives	53,161	5,320	58,481	815	59,296
Administrative, technical and clerical employees	34,089	3,688	37,777	421	38,198
Total	87,250	9,008	96,258	1,236	97,494

(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. In addition to the employees shown above the firms in this trade employed 30 outworkers (all in England and Wales).

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	23,935	2,299	26,234	289	26,523
Administrative, technical and clerical employees	19,835	1,745	21,580	185	21,764
Total	43,770	4,043	47,814	474	48,287
Employers' contributions to all National Insurance Schemes	855	92	948	13	961

(a) Including bonus and commission payments but excluding payments, amounting to £4,000, to outworkers in England and Wales.

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	3,055	241	3,296	61	3,356
Second-hand	218	24	241	3	245
Vehicles					
New	411	37	448	15	464
Second-hand	110	2	112	10	122
Total acquisitions	3,794	303	4,097	89	4,187
Disposals					
Plant and machinery	276	13	289	6	295
Vehicles	120	6	126	6	133
Total disposals	396	19	415	13	428
New building work					
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	523	32	555	3	558

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	3,699	330	4,029	21	4,050
Amount paid or credited to firms' own separate transport organisations	55	7	62	-	62
Total	3,754	338	4,091	21	4,113

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 merchanting 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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